SDMS Document
103298

Contract No. 68-W-98-210

RAC II

Remedial Response, Enforcement Oversight and Non-time Critical Removal Activities at Sites of Release or Threatened Release of Hazardous Substances in EPA Region II

CDM

in association with TAMS

303397

Final Remedial Investigation Report
Mercury Refining Company Site
Remedial Investigation/Feasibility Study
Colonie, New York
Work Assignment No.: 040-RICO-0276

Volume II
Appendices A-L

Prepared for:
U.S. Environmental Protection Agency
290 Broadway
New York, New York 10007-1866

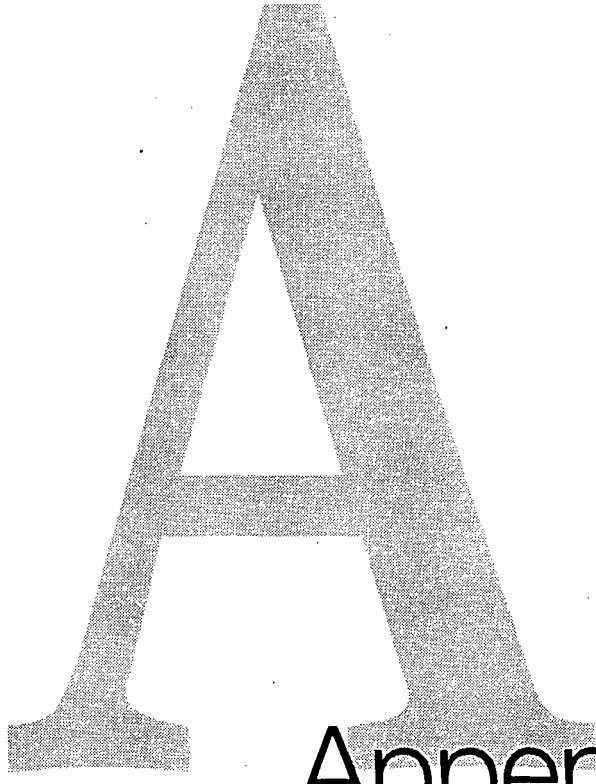
Prepared by:
CDM Federal Programs Corporation
125 Maiden Lane - 5th Floor
New York, New York 10038

EPA Work Assignment No.	: 040-RICO-0276
EPA Region	: II
Contract No.	: 68-W-98-210
CDM Federal Programs Corporation Document No.	: 3220-040-RT-RIRT-03852
Prepared by	: CDM
Site Manager	: Demetrios Klerides
Telephone Number	: (212) 785-9123
EPA Remedial Project Manager	: Thomas Taccone
Telephone Number	: (212) 637-4281
Date Prepared	: February 28, 2003

303398

APPENDICES

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Appendix B	*Field Change Request Forms*
Appendix C	*Data Usability Summary*
Appendix D	*Monitoring Well Construction Diagrams*
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Appendix H	*Low-Flow Groundwater Sampling Sheets*
Appendix I	*Correspondence to Agencies Regarding Endangered Species*
Appendix J	*Complete Set of Analytical Data*
Appendix K	*Analytical Detections and Exceedences*
Appendix L	*Data Summary Tables*



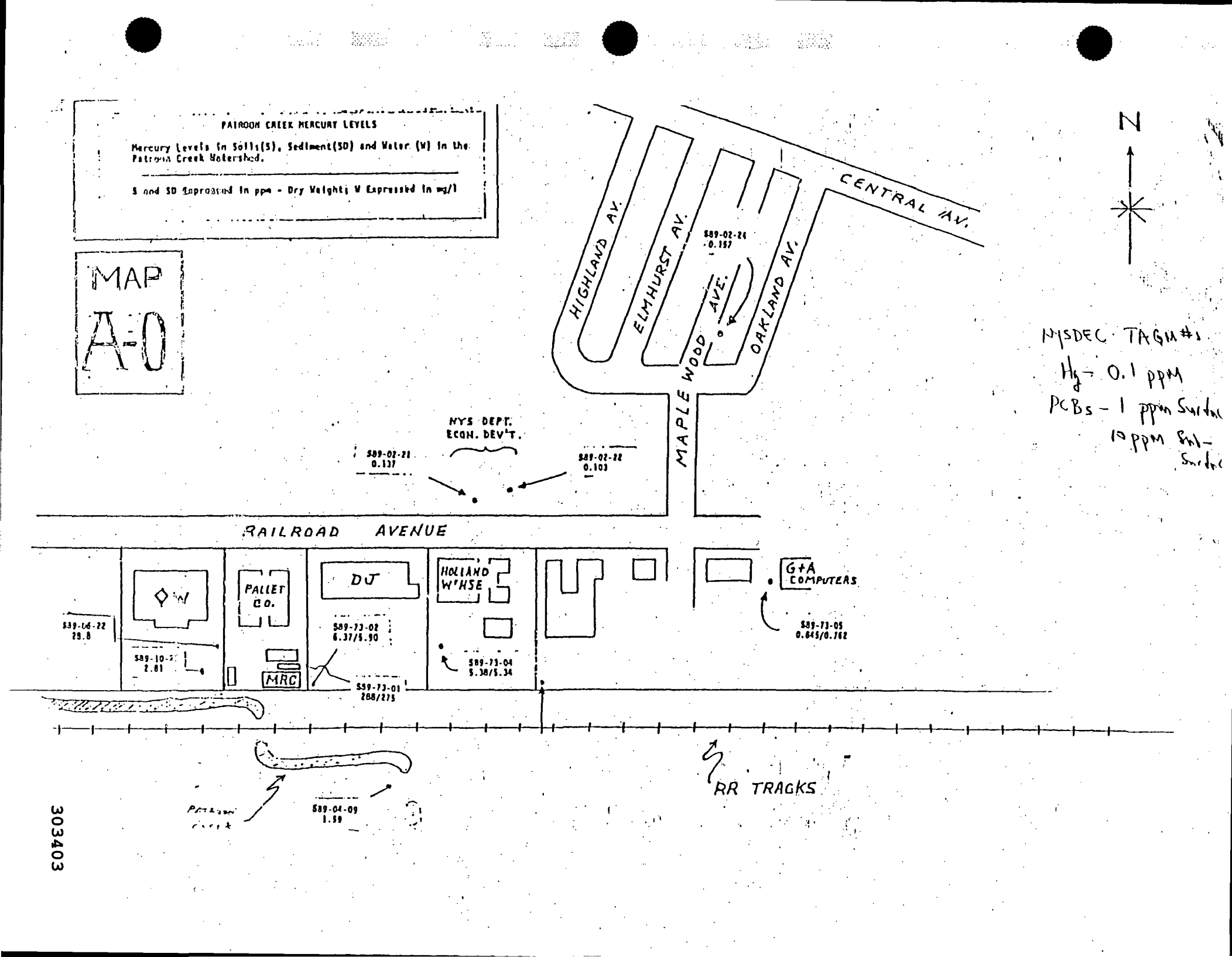
Appendix A

Appendix A

Figures with Historical Sample Locations

MAPS FROM NYSDEC, 1990

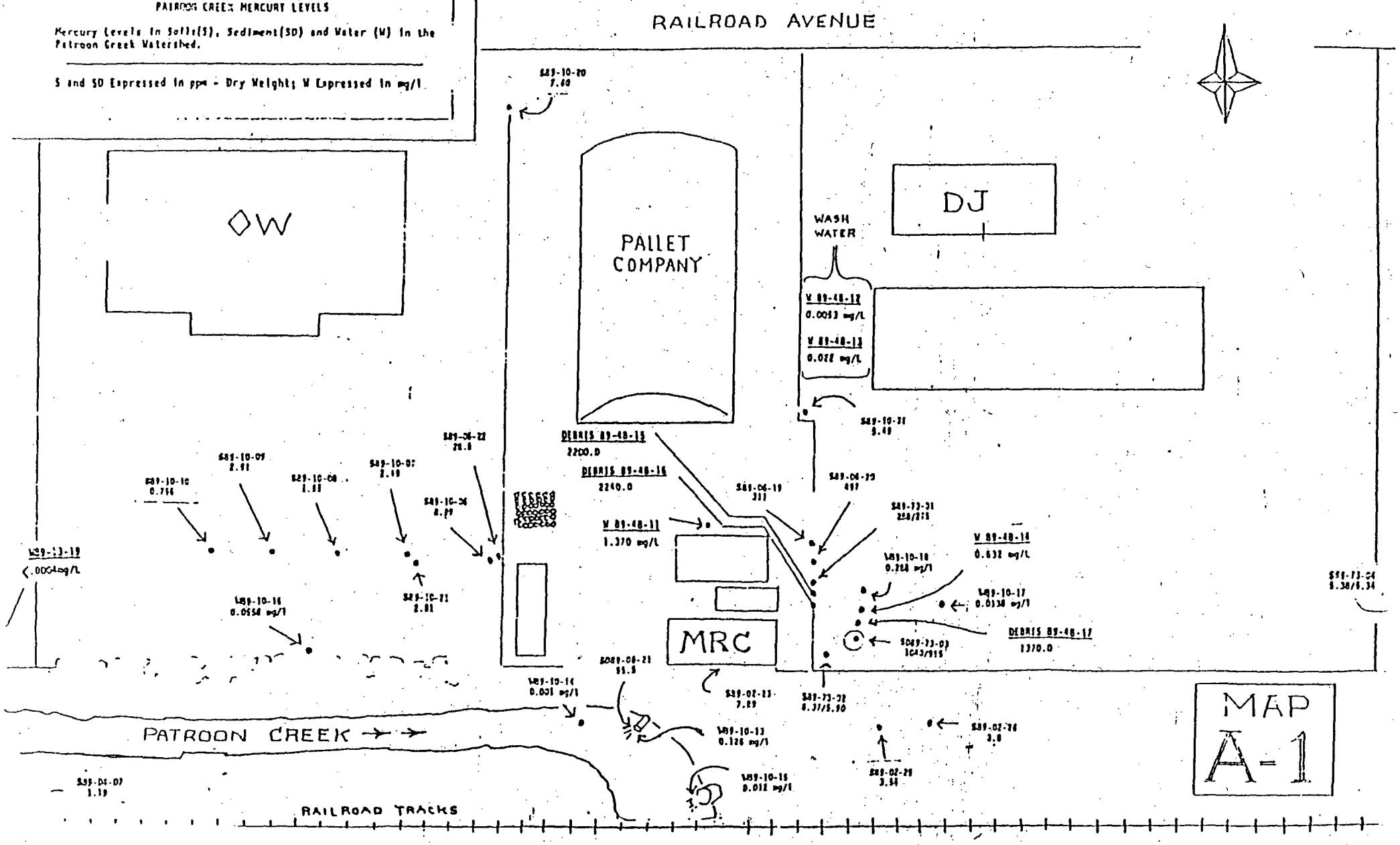
These maps accompany Sections 3.2.1, 3.2.3, and 3.2.4, and show locations of the samples listed in Tables 3-1 (soil), 3-6 (sediment), and 3-9 (surface water).


PATROON CREEK MERCURY LEVELS
Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.
S and SD Expressed in ppm - Dry Weight; W Expressed in mg/l
MAP A-0
N
HIGHLAND AV.
ELMHURST AV.
MAPLE WOOD AVE.
OAKLAND AV.
CENTRAL AV.
S89-02-24 0.157
NYS DEPT. ECON. DEV'T.
S89-02-21 0.137
S89-02-22 0.103
RAILROAD AVENUE
DJ
HOLLAND W'HSE
PALLET CO.
MRC
G+A COMPUTERS
S89-06-22 29.8
S89-10-2 2.81
S89-73-02 6.37/5.90
S89-73-01 268/275
S89-73-04 5.38/5.34
S89-73-05 0.845/0.762
S89-04-09 1.59
RR TRACKS
NYSDEC TAGM #1
Hg - 0.1 ppm
PCBs - 1 ppm Surface
10 ppm Sub-Surface
3034403

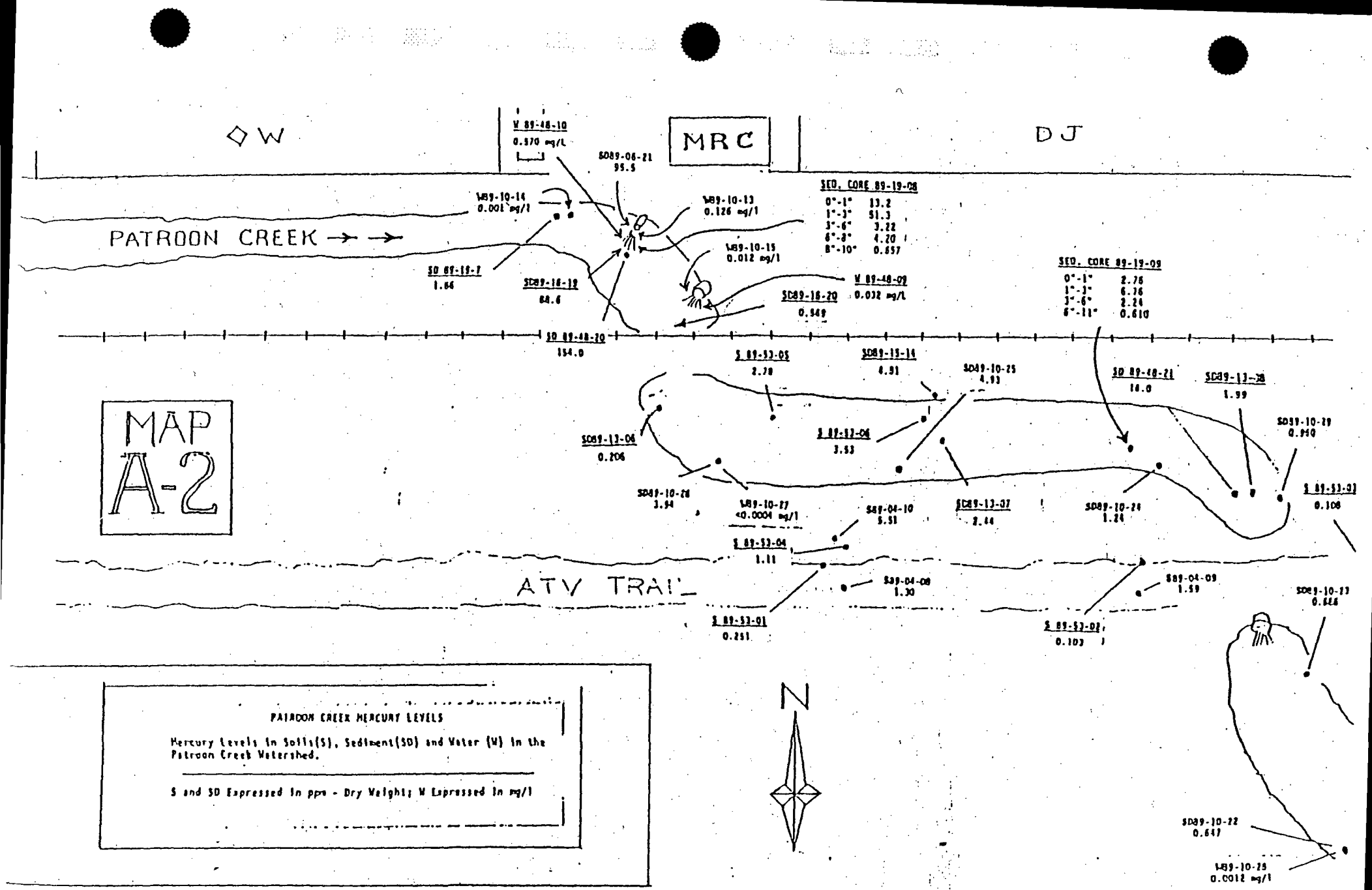
PATROON CREEK MERCURY LEVELS

Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.

S and SD Expressed in ppm - Dry Weight; W Expressed in mg/l



303404



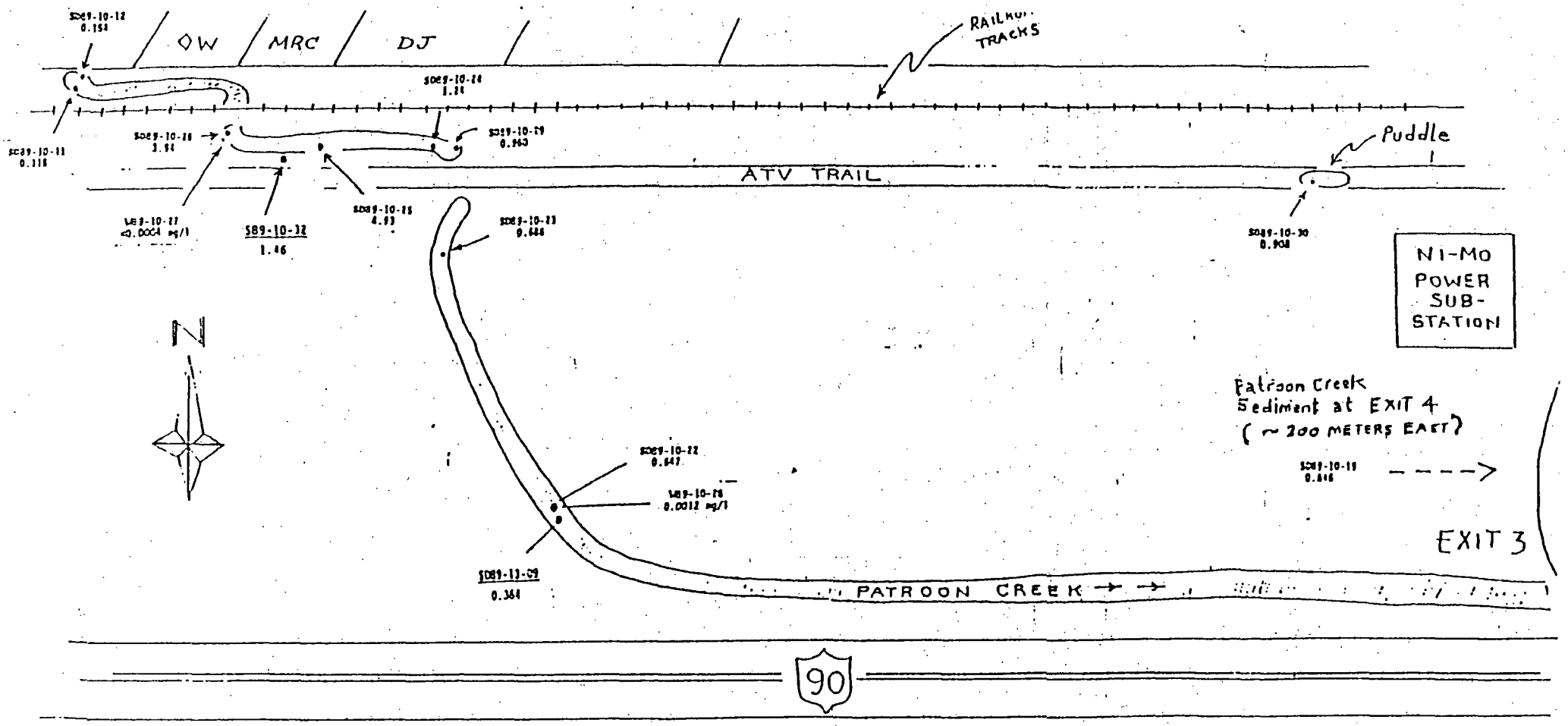
MAP A-2

PATROON CREEK MERCURY LEVELS

Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.

S and SD Expressed in ppm - Dry Weight; W Expressed in mg/l

303405



PATROON CREEK MERCURY LEVELS

Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.

S and SD Expressed in ppm - Dry Weight; W Expressed in ng/l

MAP A-3

303406

PATROON CREEK MERCURY LEVELS

Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.

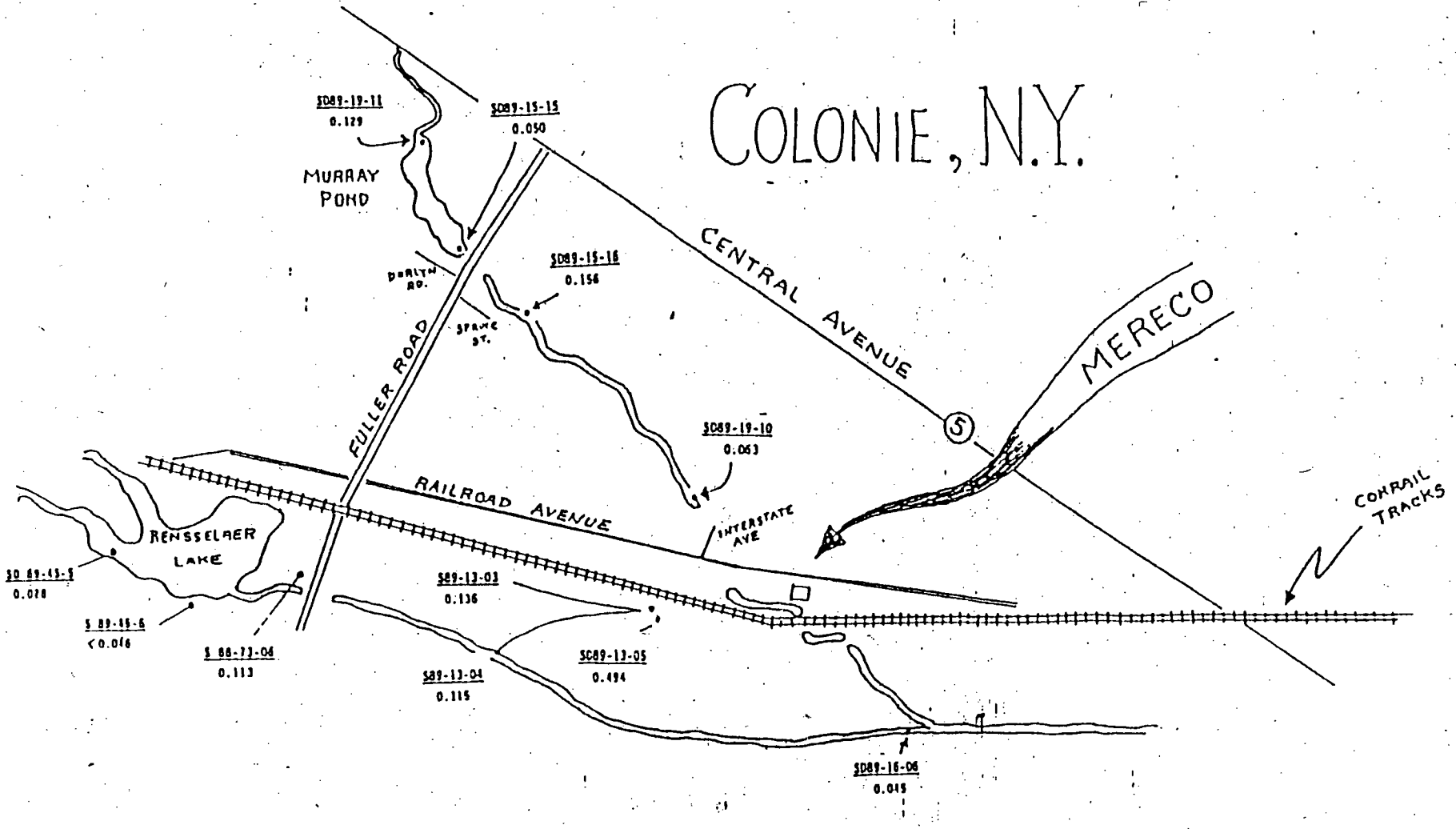
S and SD Expressed in ppm - Dry Weight; W Expressed in mg/l

MAP A-4

0 ½ 1

MILES
(Scale Approximate)

COLONIE, N.Y.

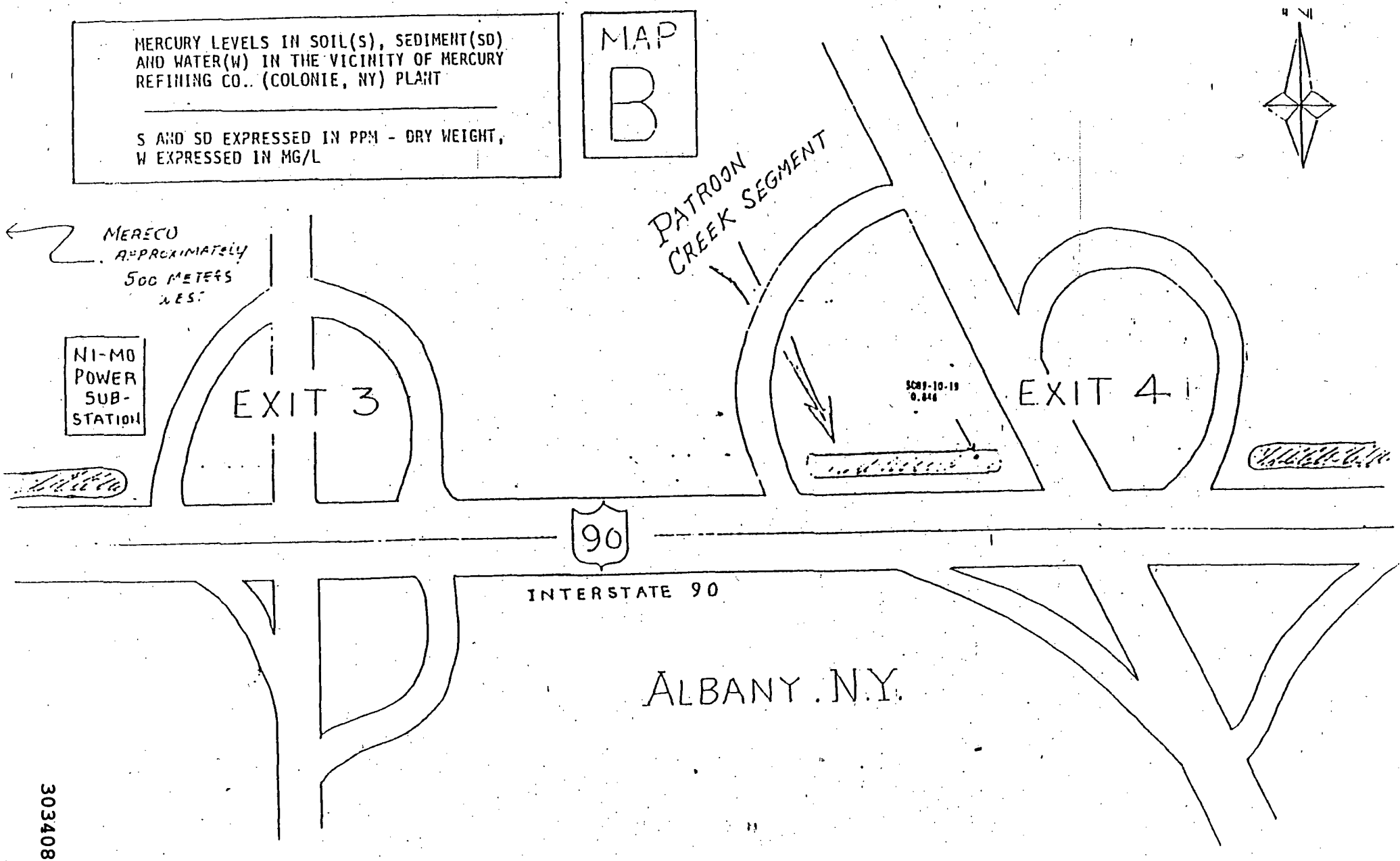


303407

MERCURY LEVELS IN SOIL(S), SEDIMENT(SD) AND WATER(W) IN THE VICINITY OF MERCURY REFINING CO.. (COLONIE, NY) PLANT

S AND SD EXPRESSED IN PPM - DRY WEIGHT, W EXPRESSED IN MG/L

MAP B



303408

PATROON CREEK HERCURY LEVELS

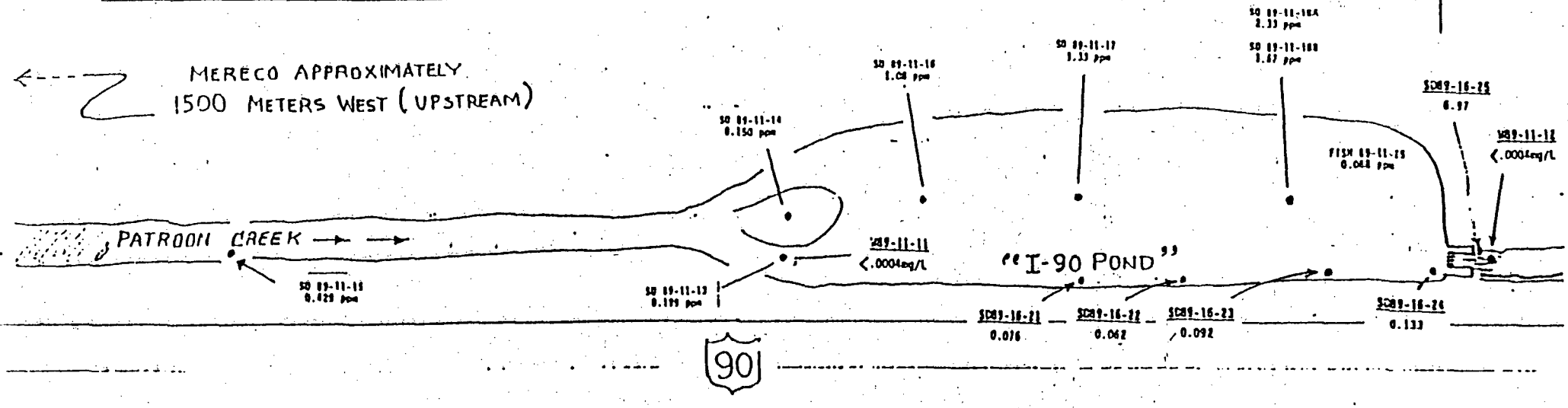
Hercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.

S and SD Expressed in ppm - Dry Weight; W Expressed in mg/l

MAP C

METERS (SCALE APPROX.)

N



EXIT 4 1/8 Mi.

INTERSTATE 90
(BETWEEN EXITS 4 AND 5)

EXIT 5 1/4 Mi.

ALBANY, N.Y.

303409

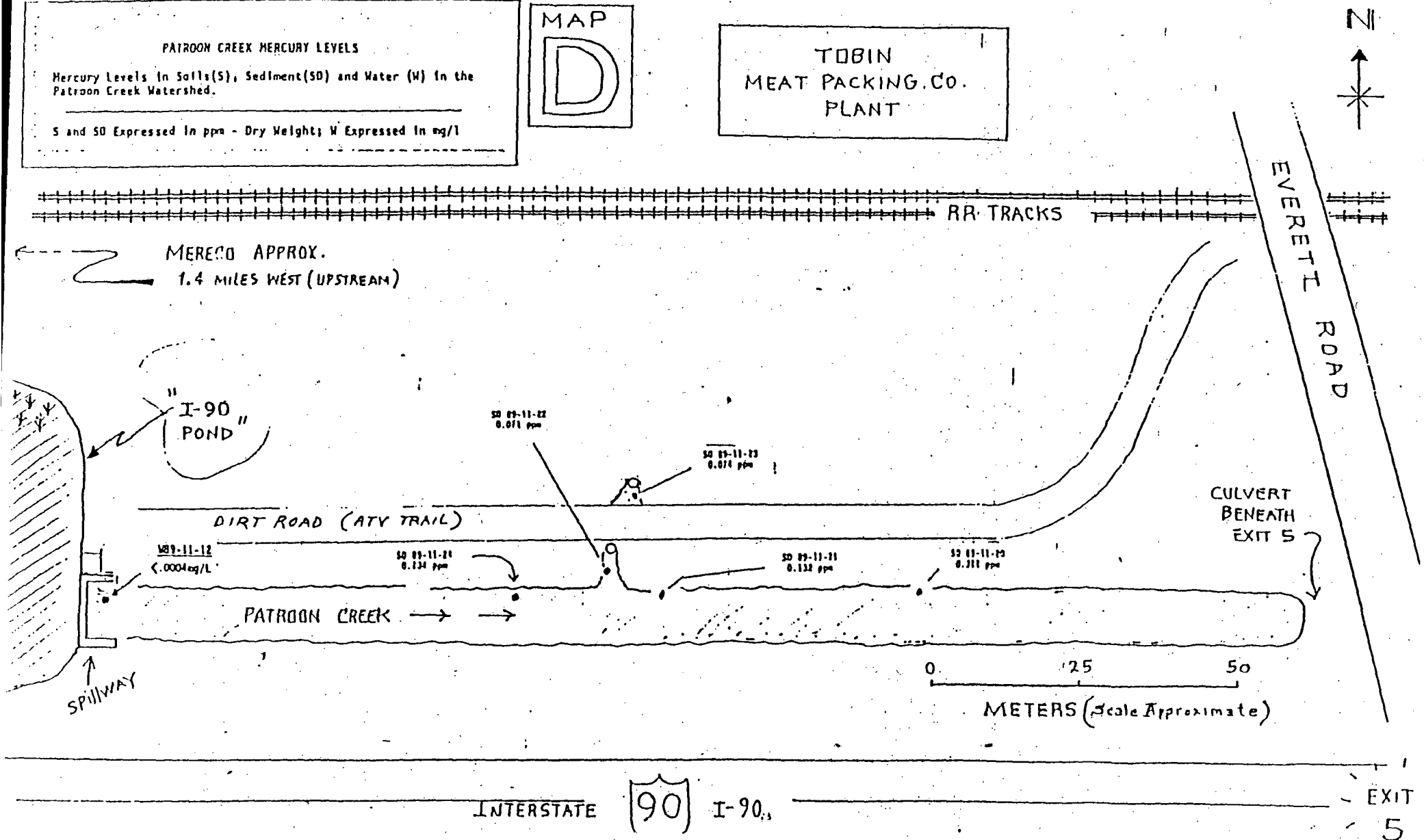
PATROON CREEK MERCURY LEVELS

Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.

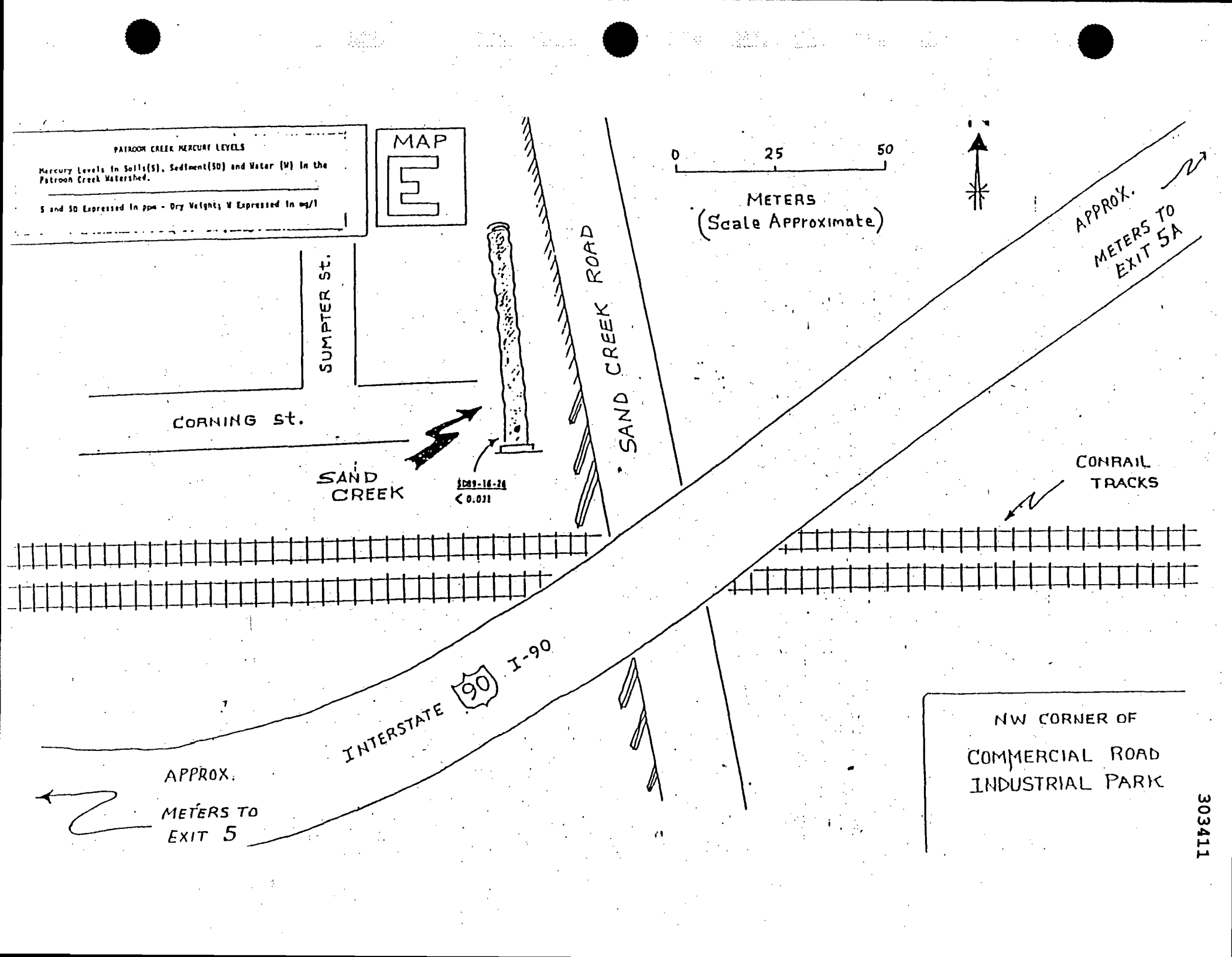
S and SD Expressed in ppm - Dry Weight; W Expressed in mg/l

MAP D

TOBIN MEAT PACKING CO. PLANT



303410

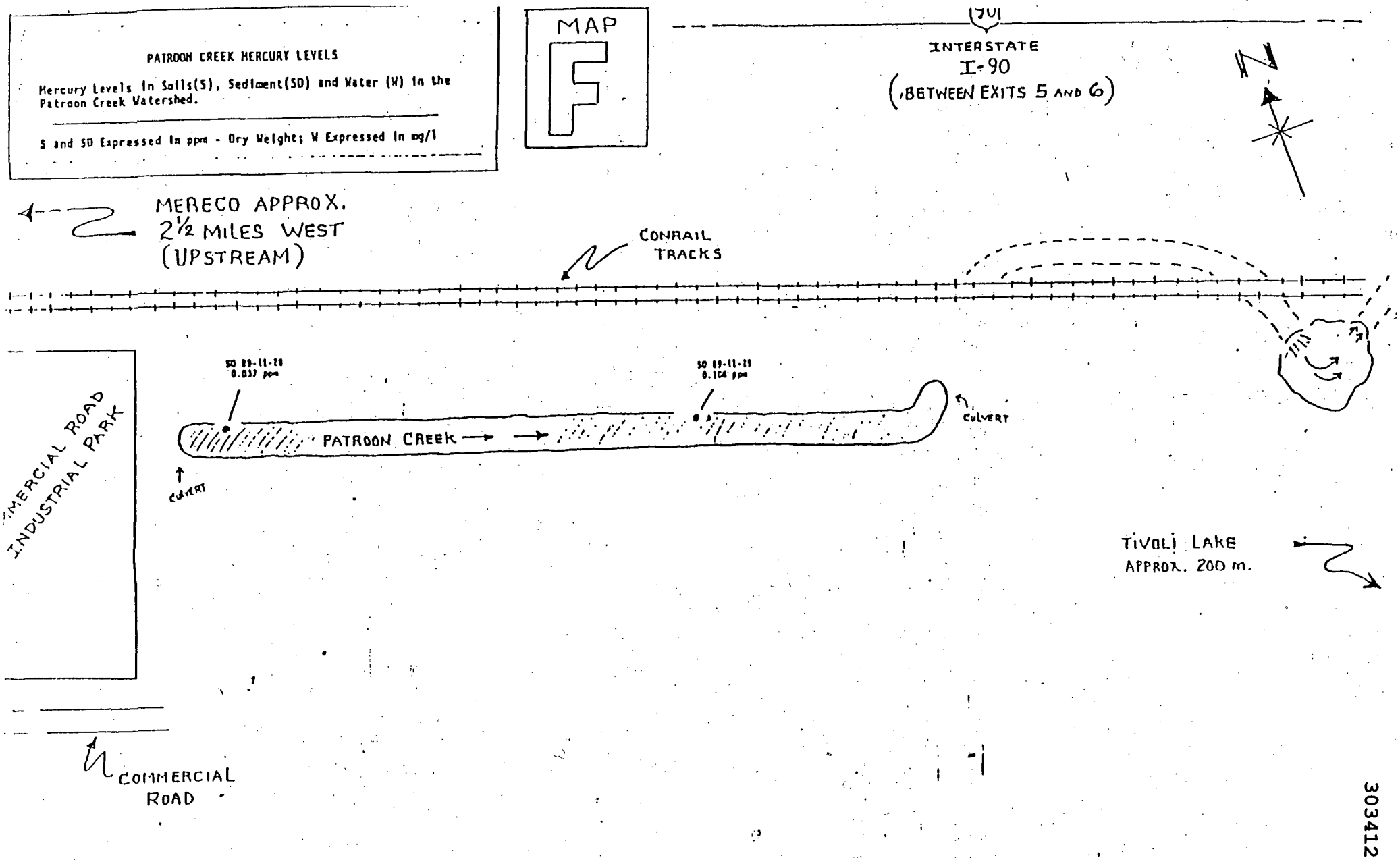

PATROON CREEK MERCURY LEVELS
Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.
S and SD Expressed in ppm - Dry Weight; W Expressed in ng/l
MAP
E
0
25
50
METERS
(Scale Approximate)
SUMPTER St.
CORNING St.
SAND CREEK
SAND CREEK ROAD
SD89-16-26
< 0.031
APPROX.
METERS TO
EXIT 5A
CONRAIL
TRACKS
INTERSTATE 90 I-90
APPROX.
METERS TO
EXIT 5
NW CORNER OF
COMMERCIAL ROAD
INDUSTRIAL PARK
303411

PATROON CREEK MERCURY LEVELS

Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.

S and SD Expressed in ppm - Dry Weight; W Expressed in mg/l

MAP F



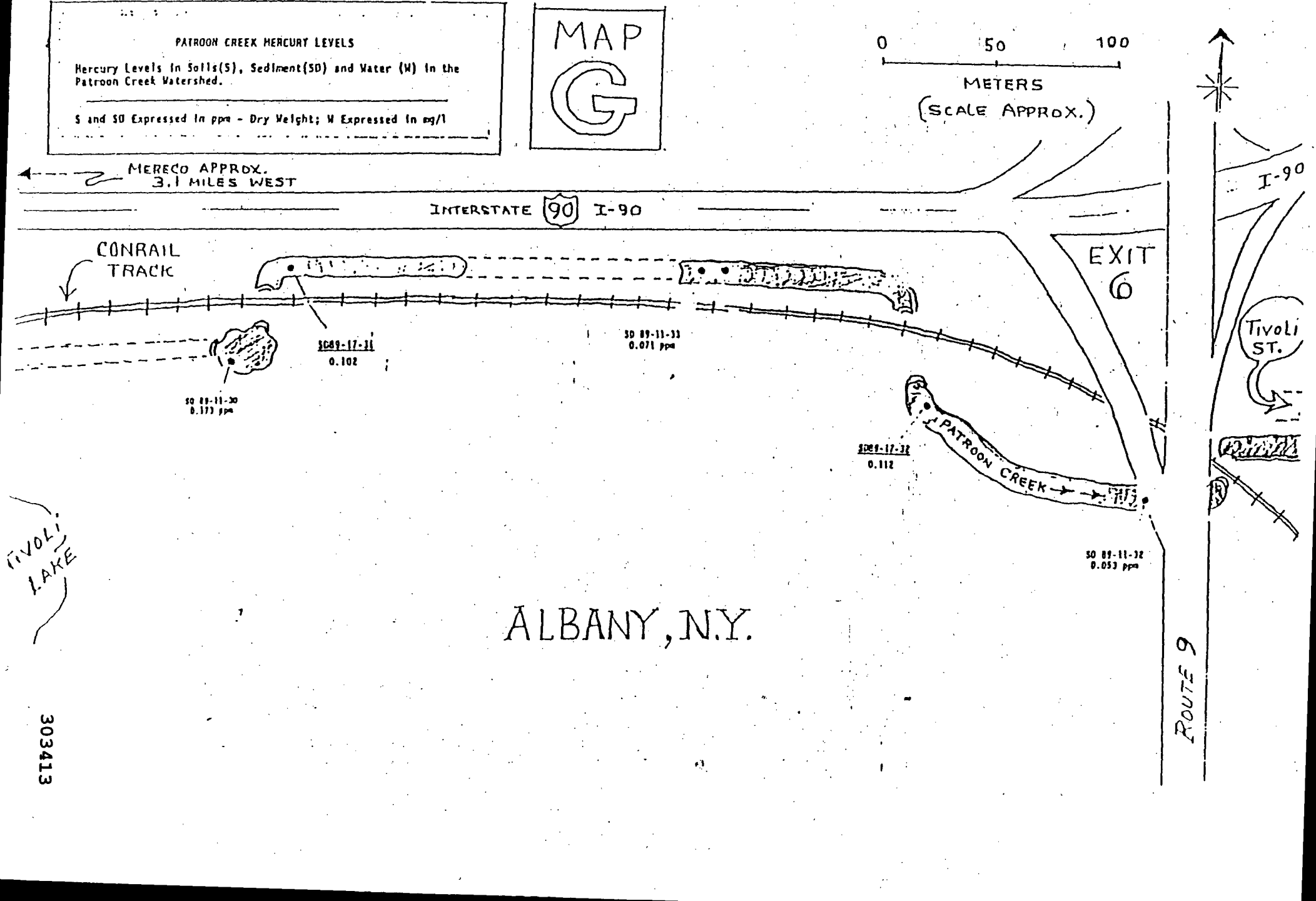
303412

PATROON CREEK MERCURY LEVELS

Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.

S and SD Expressed in ppm - Dry Weight; W Expressed in ug/l

MAP G



303413

PATROON CREEK MERCURY LEVELS

Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.

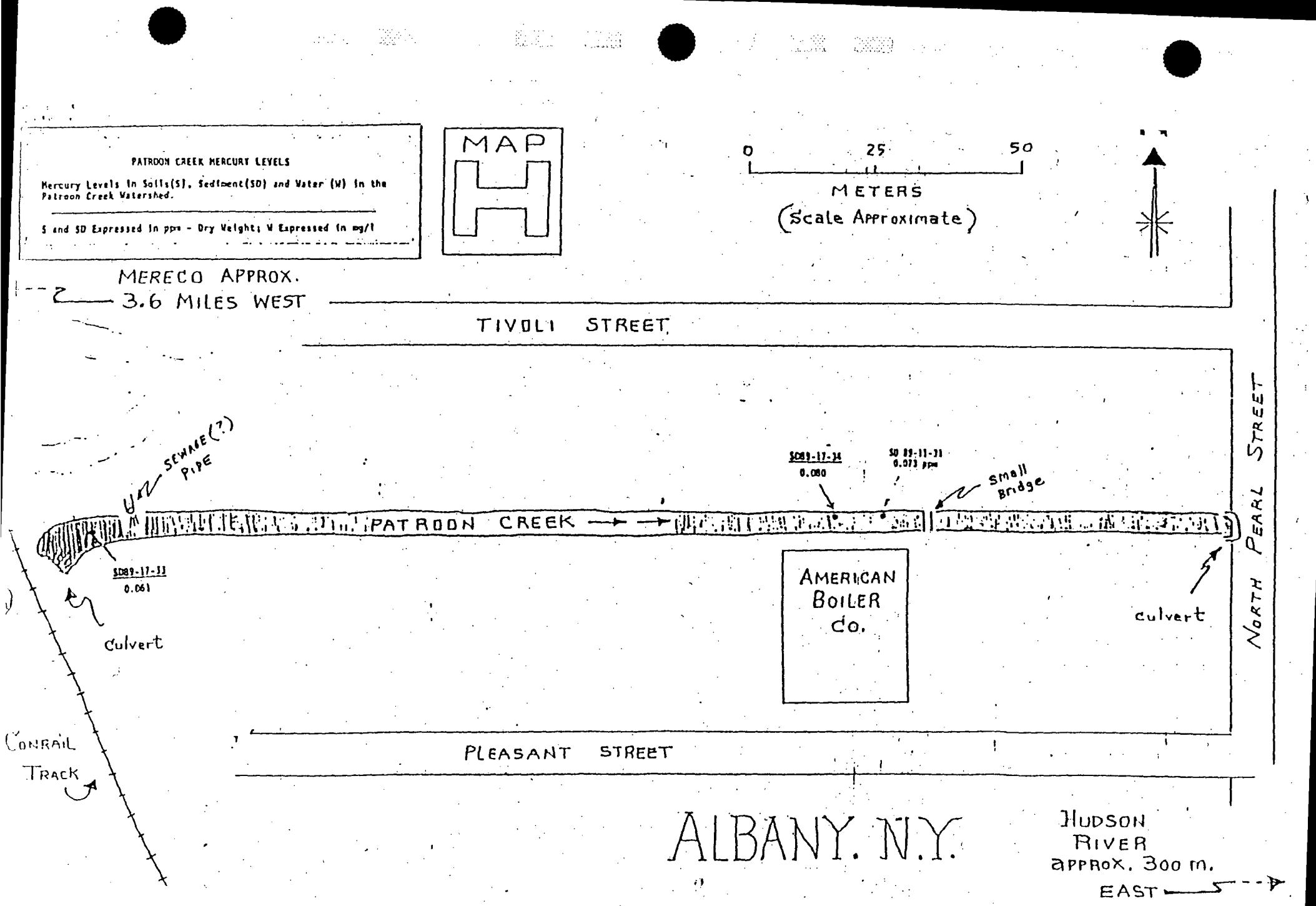
S and SD Expressed in ppm - Dry Weight; W Expressed in mg/l

MAP H

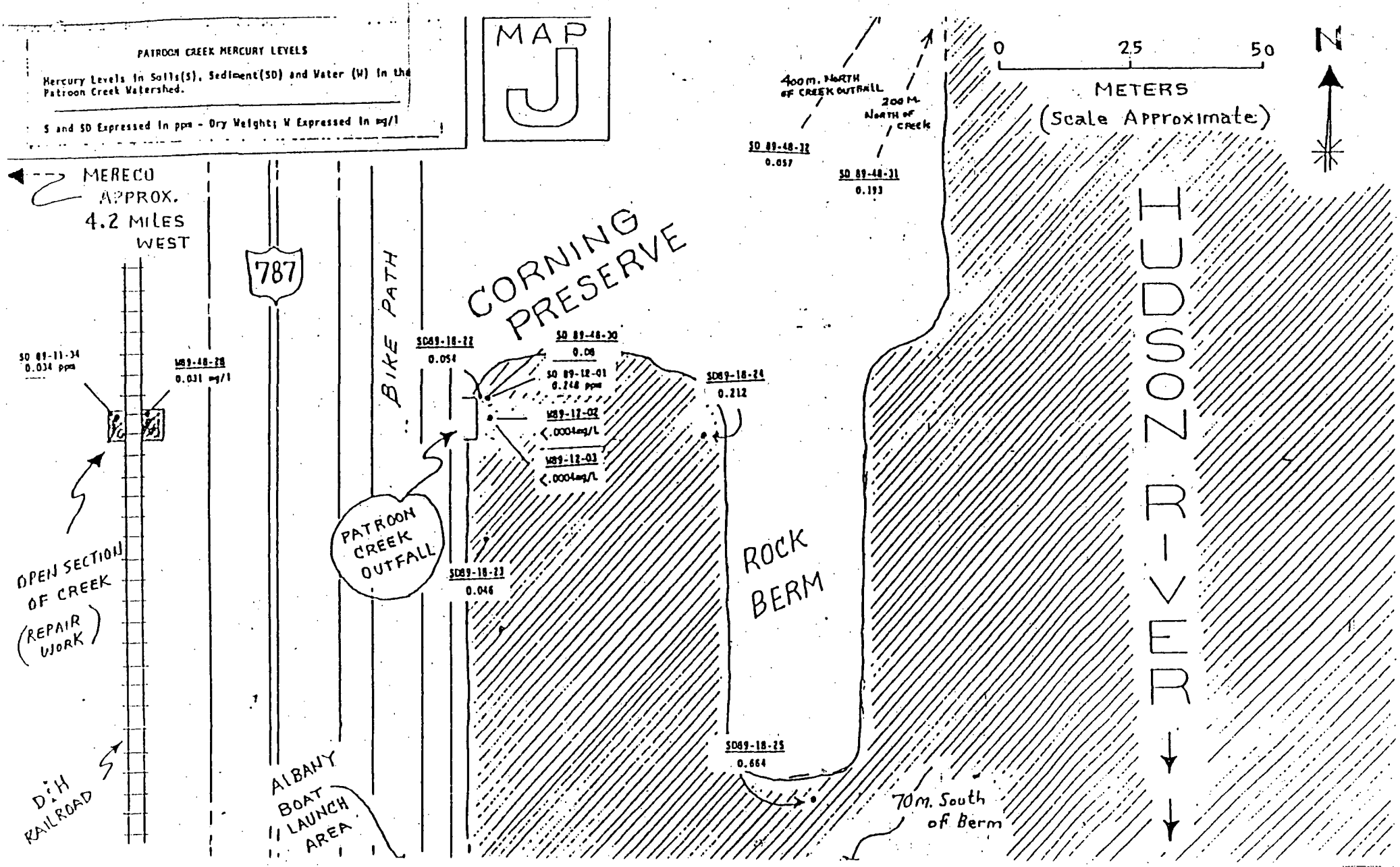
0 25 50

METERS

(Scale Approximate)



303414


PATROON CREEK MERCURY LEVELS
Mercury Levels in Soils(S), Sediment(SD) and Water (W) in the Patroon Creek Watershed.
S and SD Expressed in ppm - Dry Weight; W Expressed in mg/l
MAP J
0 25 50
METERS
(Scale Approximate)
N
MERECO
APPROX.
4.2 MILES
WEST
787
BIKE PATH
CORNING PRESERVE
HUDSON RIVER
SD 89-11-34
0.034 ppm
WB9-48-28
0.031 mg/l
SD89-18-22
0.054
SD 89-48-30
0.06
SD 89-12-01
0.248 ppm
SD89-18-24
0.212
WB9-12-02
<.0004mg/L
WB9-12-03
<.0004mg/L
PATROON CREEK OUTFALL
SD89-18-23
0.046
ROCK BERM
SD89-18-25
0.664
OPEN SECTION OF CREEK
(REPAIR WORK)
D&H RAILROAD
ALBANY BOAT LAUNCH AREA
400m. NORTH OF CREEK OUTFALL
200 M. NORTH OF CREEK
SD 89-48-32
0.057
SD 89-48-31
0.193
70m. South of Berm

303415

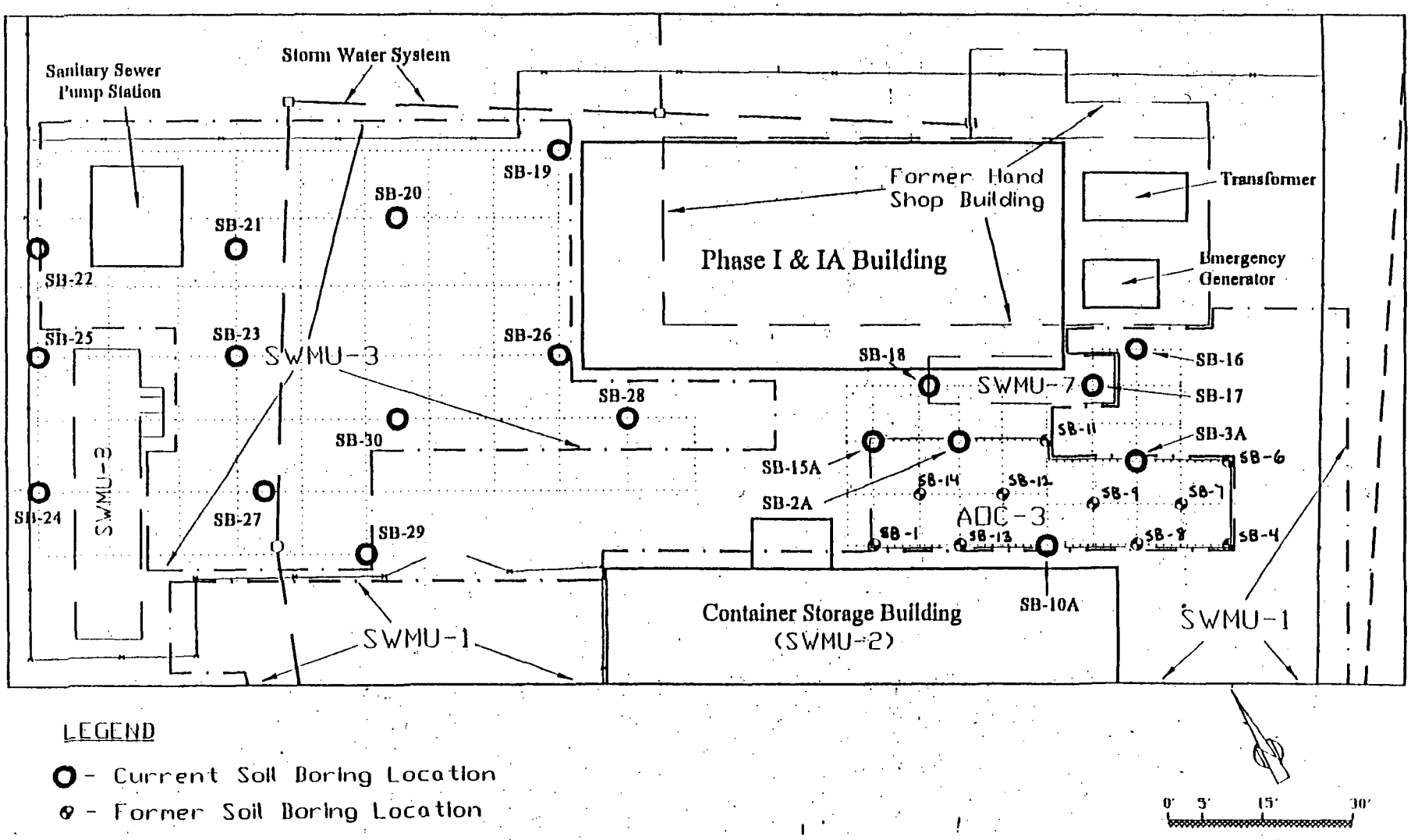
MAP FROM MERCURY REFINING COMPANY INC., 1997b

This map accompanies Section 3.2.1 and shows locations of the soil samples listed in Tables 3-2A and 3-2B.

Figure 2

Soil Sampling Grids

(AOC #3 & SWMU #7) and (SWMU #3 & SWMU #8)

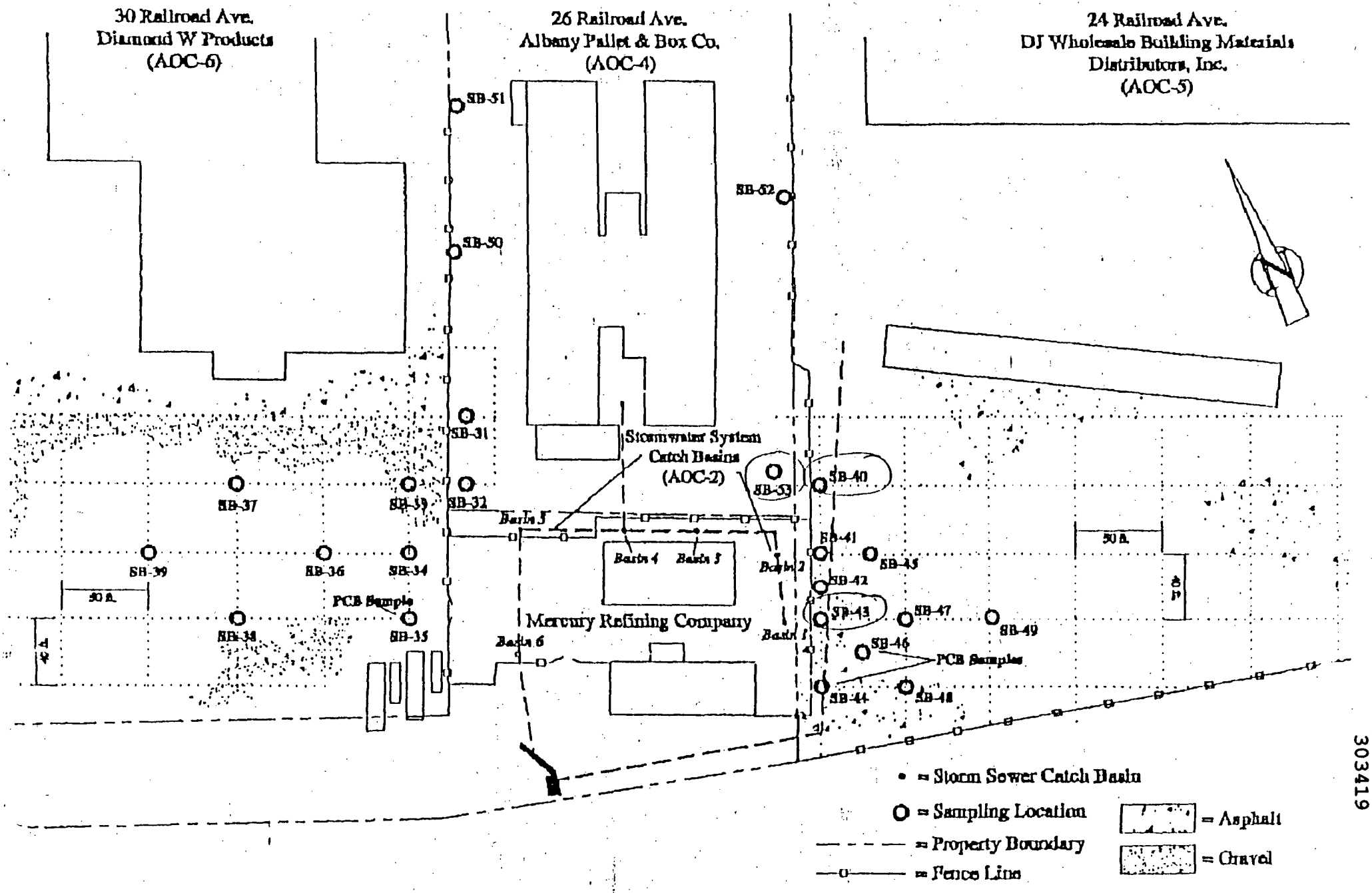


303417

MAP FROM MERCURY REFINING COMPANY INC., 1998

This map accompanies Section 3.2.1 and shows locations of the soil samples listed in Tables 3-3.

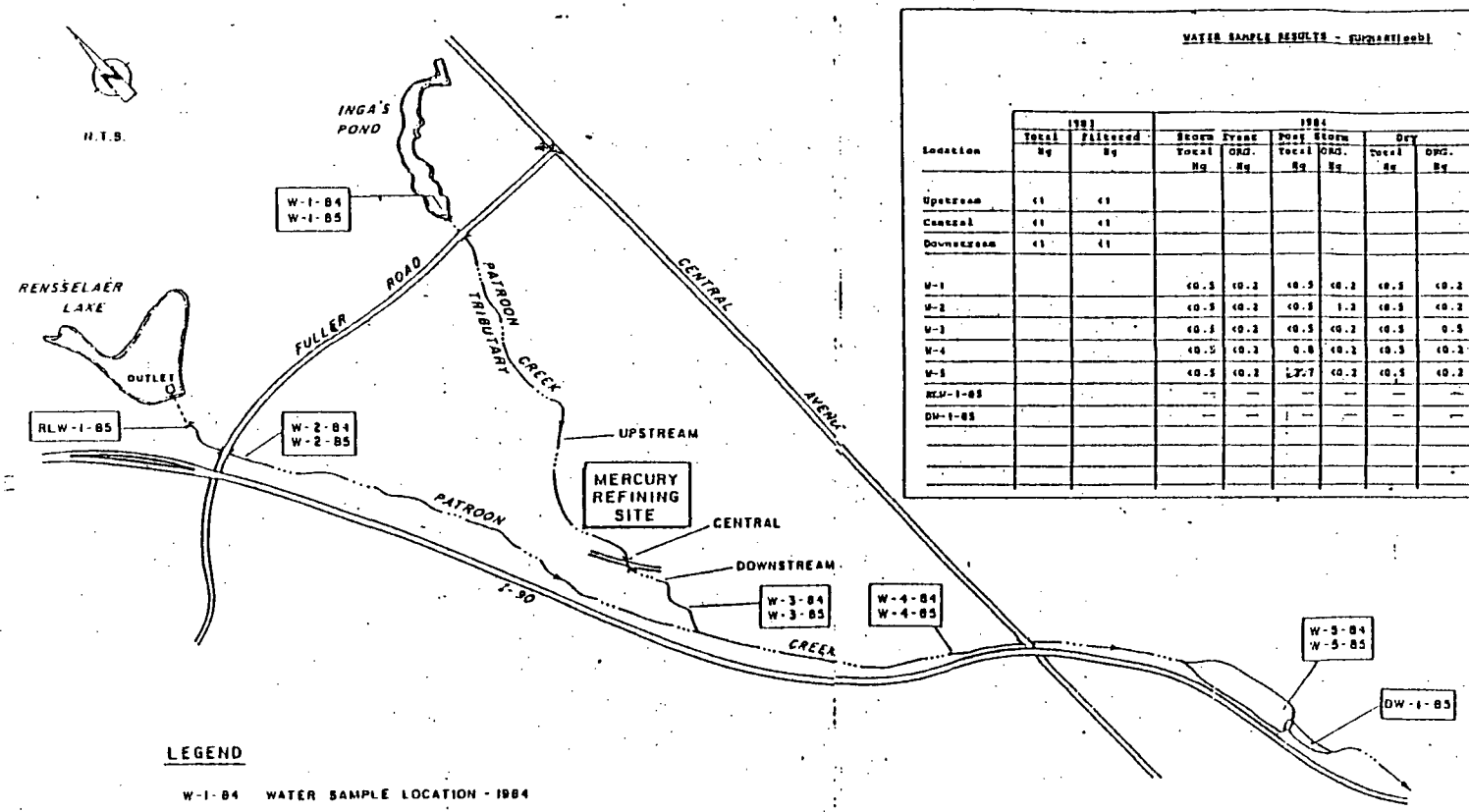
Figure 2 - Soil Sampling and Catch Basin Locations



303419

MAPS FROM CRA, 1985

These maps accompany Sections 3.2.3 and 3.2.4, and show locations of the samples listed in Tables 3-5 (sediment) and 3-8 (surface water).



WATER SAMPLE RESULTS - (ug/kg and ppb)

Location	1983 Total Hg	1983 Filtered Hg	1984 Storm Event Total Hg	1984 Storm Event ORG. Hg	1984 Post Storm Total Hg	1984 Post Storm ORG. Hg	1984 Dry Total Hg	1984 Dry ORG. Hg	1985 Filtered Total Hg	1985 Filtered ORG. Hg	1985 Unfiltered Total Hg	1985 Unfiltered ORG. Hg
Upstream	<1	<1										
Central	<1	<1										
Downstream	<1	<1										
W-1			<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	0.5	0.4	0.3	<0.2
W-2			<0.5	<0.2	<0.5	1.2	<0.5	<0.2	<0.2	<0.2	<0.2	0.3
W-3			<0.5	<0.2	<0.5	<0.2	<0.5	0.5	3.6	0.4	3.7	3.7
W-4			<0.5	<0.2	0.8	<0.2	<0.5	<0.2	0.7	0.3	<0.2	0.2
W-5			<0.5	<0.2	17.7	<0.2	<0.5	<0.2	0.4	0.4	0.2	0.4
RLW-1-85			--	—	—	—	—	—	0.7	0.2	<0.2	<0.2
DW-1-85			—	—	—	—	—	—	0.3	<0.2	0.3	0.4

LEGEND

W-1-84 WATER SAMPLE LOCATION - 1984

RLW-1-85 RENSSELAER LAKE WATER SAMPLE - 1985

DW-1-85 DOWNSTREAM WATER SAMPLE - 1985

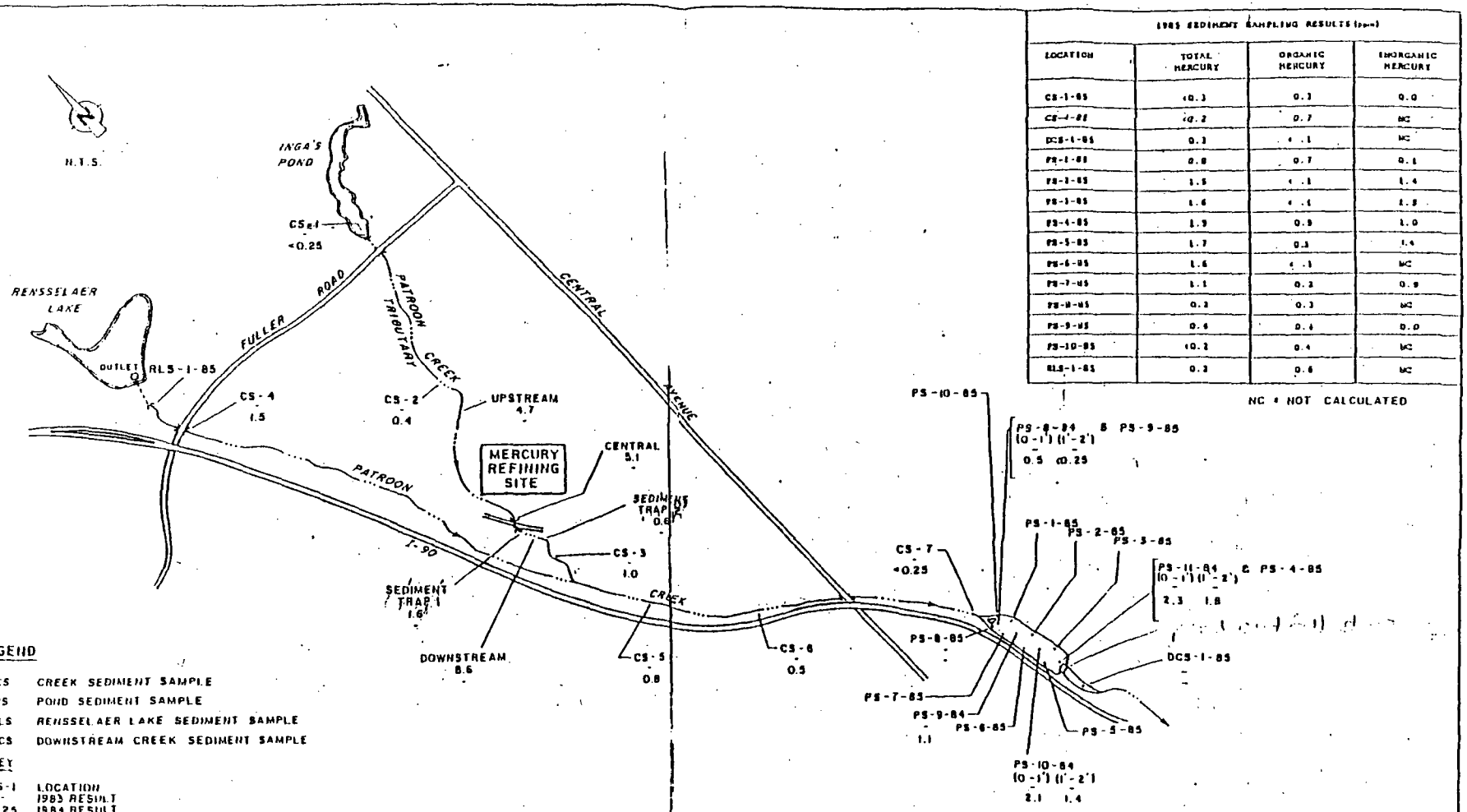
figure 3

HISTORICAL OFF-SITE WATER SAMPLE RESULTS

Mercury Refining Co. Inc.

CRA

303421



1985 SEDIMENT SAMPLING RESULTS (ppm)			
LOCATION	TOTAL MERCURY	ORGANIC MERCURY	INORGANIC MERCURY
CS-1-85	<0.1	0.1	0.0
CS-4-85	<0.2	0.7	NC
DCS-1-85	0.3	< .1	NC
PS-1-85	0.8	0.7	0.1
PS-2-85	1.5	< .1	1.4
PS-3-85	1.6	< .1	1.5
PS-4-85	1.9	0.9	1.0
PS-5-85	1.7	0.3	1.4
PS-6-85	1.6	< .1	NC
PS-7-85	1.1	0.2	0.9
PS-8-85	0.2	0.3	NC
PS-9-85	0.6	0.6	0.0
PS-10-85	<0.2	0.4	NC
RLS-1-85	0.2	0.6	NC

NC = NOT CALCULATED

LEGEND

CS	CREEK SEDIMENT SAMPLE
PS	POND SEDIMENT SAMPLE
RLS	RENSSELAER LAKE SEDIMENT SAMPLE
DCS	DOWNSTREAM CREEK SEDIMENT SAMPLE

KEY

CS-1 LOCATION
- 1983 RESULT
0.25 1984 RESULT

- INDICATES NO SAMPLING

NOTE: ALL RESULTS IN PPM

CRA

Figure 4

HISTORICAL OFF-SITE SEDIMENT SAMPLE RESULTS

Mercury Refining Co. Inc.

303422

MAP FROM PTI, 1997

This map accompanies Sections 3.2.3, 3.2.4, and 3.2.5, and shows locations of the samples listed in Tables 3-7 (sediment), 3-10 (surface water), and 3-15 (crayfish).

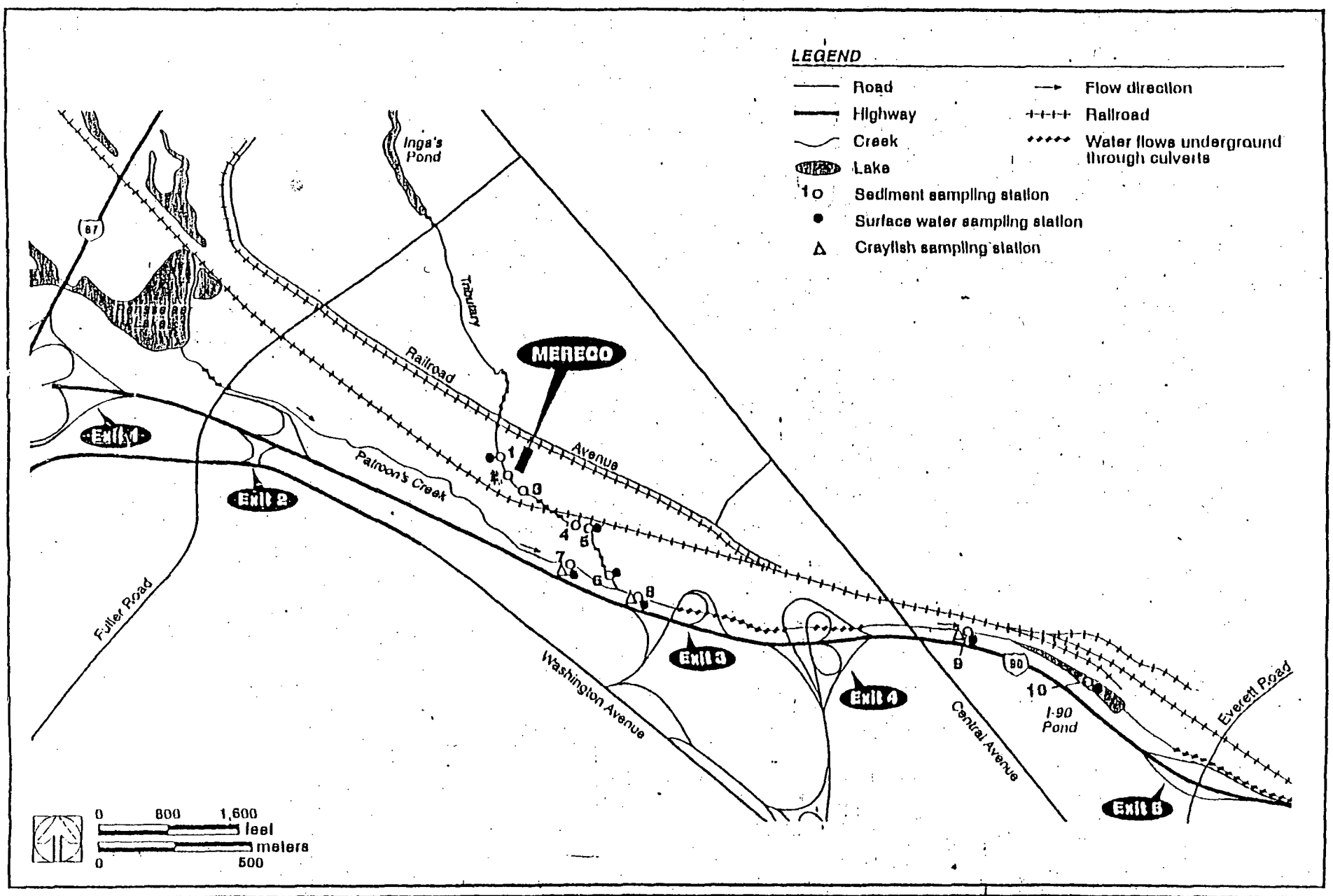


Figure 1. Locations of sediment, surface water and crayfish sampling stations.

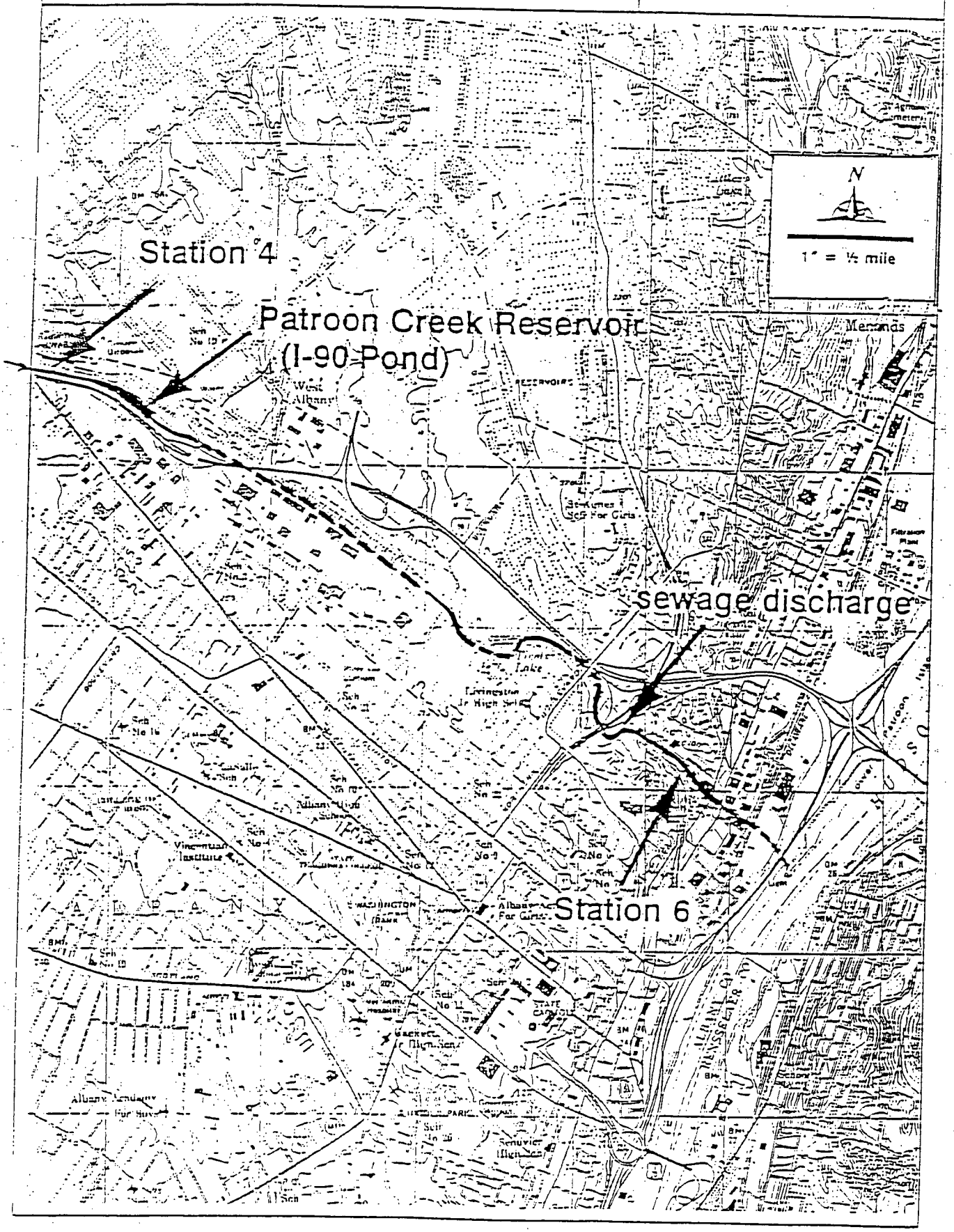
CA72-03 01 120397 WA

303424

MAP FROM NYSDEC, 1995

This map accompanies Section 3.2.5 and shows locations of the crayfish samples listed in Table 3-14.

Figure 1	Site location map	Patroon Creek



303426

Appendix B

303427

Appendix B

Field Change Request Forms

FIELD CHANGE REQUEST (FCR) FORM
MERCURY REFINERY SITE

REQUEST NO: 1 DATE: 11/1/02

FCR TITLE: Stream Sediment Interval Samples

DESCRIPTION: Changing interval sediment sampling procedures from push corer to bucket auger.

REASON FOR DEVIATION: The sediment sample was not staying in the push corer, so no sample was being recovered. To obtain samples, a bucket auger was used and the sediment was segmented into 2-inch intervals for sampling. This method was the best way to recover the sediment and also allow for the intervals to be separated.

RECOMMENDED/MODIFICATION: A bucket auger will be used for interval sediment sampling. The bucket auger will be decontaminated according to the QAPP between sampling locations..

Signatures:

FTL Seth Richardson — Seth Richardson — 11/1/02 — Date

CDM SM Demetrios Klerides — Demetrios Klerides — 11/1/02 — Date

Distribution:
Tom Taccone
Demetrios Klerides
April Caruso
Joe Mayo
Jeniffer Oxford
Field Team
Project File 3220-040

303429

FIELD CHANGE REQUEST (FCR) FORM
MERCURY REFINERY SITE

REQUEST NO: 2 DATE: 3/10/02

FCR TITLE: Sampling monitoring wells using a bailer at the MERECO Site.

DESCRIPTION: Collected groundwater samples using a disposable polyethylene bailer at OW-2

REASON FOR DEVIATION: Used a disposable polyethylene bailer to collect the groundwater samples at OW-2 because there was not enough water in the monitoring well to use the grundfos pump. The water in OW-2 would not recharge fast enough to collect a sample using the low-flow method, so CDM bailed three to five well volumes while collecting water quality readings. After three to five well volumes were purged, CDM collected the sample using the bailer.

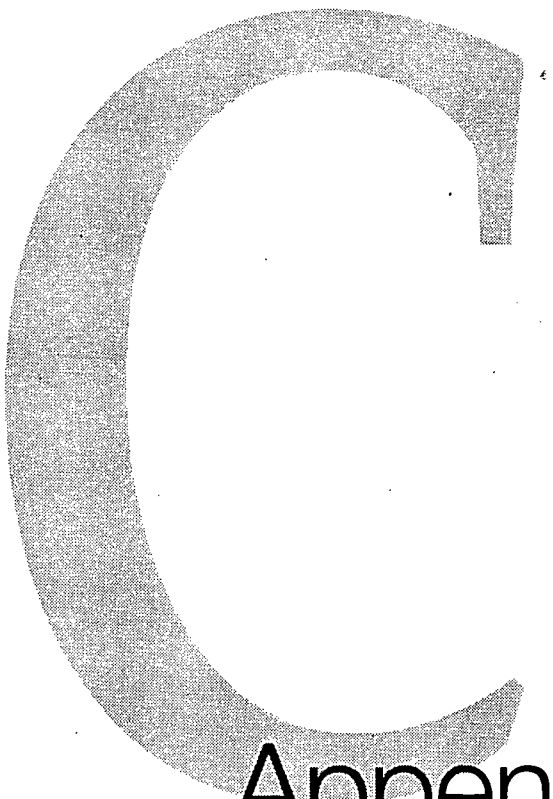
RECOMMENDED/MODIFICATION: As above.

Signatures: FTL Seth Richardson — Seth Richardson — 3/10/02 — Date

CDM SM Demetrios Klerides — Demetrios Klerides — 3/10/02 — Date

Distribution: Tom Taccone
Demetrios Klerides
April Caruso
Joe Mayo
Jeniffer Oxford
Field Team
Project File 3220-040

303430



Appendix C

Appendix C

Data Usability Summary

QUALITATIVE ASSESSMENT OF DATA
For Groundwater, Soil, Surface Water, and Sediment Sampling

INTRODUCTION

Quality Assurance (QA) objectives for measuring data are expressed in terms of precision, accuracy, representativeness, comparability, and completeness. The QA objectives provide a mechanism for ongoing control and evaluation of data quality throughout the project. Field Quality Assurance/Quality Control (QA/QC) objectives were accomplished through the use of appropriate sampling techniques and collection of field duplicates, field blanks, and trip blanks. Analytical QA/QC was assessed by internal QC checks, calibration checks, method blanks, surrogate spikes, adherence to holding times, laboratory control samples (LCSs) and matrix spike/matrix spike duplicates (MS/MSDs).

The CDM Federal Final Quality Assurance Project Plan, Mercury refining Company Site, Remedial Investigation/Feasibility Study (RI/FS), Colonie, NY (QAPP), dated August 24, 2001, is the governing document for the groundwater, soil and sediment investigation of the Mercury Refining Site. Data quality objectives (DQOs) for laboratory analysis are governed by the EPA Contract Laboratory Program (CLP) Statements of Work (SOWs) as sited in the QAPP and CDM subcontract SOW with Mitkem Laboratory Inc. DQOs for field sampling QA/QC procedures are also cited in the QAPP with regard to QC sample frequencies, shipping, and custody procedures.

PRECISION

Precision is a quantitative term that determines the reproducibility of measurements under a given set of conditions. The acceptability of the precision can be determined only after the site-specific data has been evaluated. Analytical precision cannot be determined if the reported value is less than the instrument detection limit.

Precision for a given parameter is reflected by the analytical results of field and laboratory duplicates, and is influenced by both field sampling and laboratory techniques. Quantitation of field and laboratory precision is unique to each site, sampler, sample collection method, analytical method, laboratory analyst, and sample matrix. Laboratory precision goals for field sampling procedures were assessed by calculating relative percent differences (RPDs) for the MS/MSD or matrix duplicate data, and precision goals for field sampling procedures were assessed by calculating RPDs for the field duplicate data. Laboratory precision DQOs are given in the individual EPA CLP SOWs and applied during CLP data validation.

Groundwater Samples

Three MS/MSDs were prepared and analyzed for volatile organic compounds (VOCs), 15 out of 15 of the spike replicate pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for semi-volatile organic compounds (SVOCs), 27 out of 27 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for pesticide/polychlorinated

biphenyls analysis (Pest/PCB), 18 out of 18 replicate pairs had RPD values within QC limits representing laboratory precision of 100 percent. Three matrix duplicates (MDs) were prepared and analyzed for Target Analyte List (TAL) metals, 69 out of 69 of the replicate pairs had RPD values within required QC limits representing a laboratory precision of 100 percent.

Two field duplicate samples were collected representing 20 percent of the environmental samples taken for each analytical fraction: VOC, SVOC, Pesticide/PCB and TAL metals. Determination of precision is based on the RPDs of result pairs. An RPD of less than 50 percent is used as a criteria for acceptable field duplicate precision. Table 3a contains tables of duplicate sample results.

Thirty three compound pairs were detected, four of which had RPDs greater than 50. This represent a field precision of approximately 88 percent. This reflects a reasonable level of sampling precision.

Surface Water Samples

Four MS/MSDs were prepared and analyzed for VOCs, 20 out of 20 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Four MS/MSDs were prepared and analyzed for SVOCs, 36 out of 36 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Four MS/MSDs were prepared and analyzed for pest/PCB, 24 out of 24 replicate pairs had RPD values within QC limits representing laboratory precision of 100 percent. Four MDs were prepared and analyzed for TAL metals, 92 out of 92 of the replicate pairs had RPD values within required QC limits representing a laboratory precision of 100 percent.

Two field duplicate samples were collected representing 20 percent of the environmental samples taken for each analytical fraction: VOC, SVOC, Pest/PCB and TAL metals. Determination of precision is based on the RPDs of result pairs. An RPD of less than 50 percent is used as a criteria for acceptable field duplicate precision. Table 3b contains tables of duplicate sample results.

Forty-four compound pairs were detected, six of which had RPDs greater than 50. This represent a field precision of approximately 86 percent. This reflects a reasonable level of sampling precision.

Sediment Samples

Four MS/MSDs were prepared and analyzed for volatile organic compounds (VOCs), 20 out of 20 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Four MS/MSDs were prepared and analyzed for SVOCs, 36 out of 36 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Four MS/MSDs

were prepared and analyzed for pest/PCB, 24 out of 24 replicate pairs had RPD values within QC limits representing laboratory precision of 100 percent. Four MDs were prepared and analyzed for TAL metals, 90 out of 92 of the replicate pairs had RPD values within required QC limits representing a laboratory precision of 97 percent.

Two field duplicate samples were collected representing 20 percent of the environmental samples taken for each analytical fraction: VOC, SVOC, Pest/PCB and TAL metals. Determination of precision is based on the RPDs of result pairs. An RPD of less than 100 percent is used as a criteria for acceptable field duplicate precision. Table 3c contains tables of duplicate sample results.

Fifty-seven compound pairs were detected one of which had RPDs greater than 100. This represent a field precision of approximately 98 percent. This reflects a high level of sampling precision.

Soil Samples

Three MS/MSDs were prepared and analyzed for volatile organic compounds (VOCs), 15 out of 15 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for SVOCs, 27 out of 27 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for pest/PCB, 18 out of 18 replicate pairs had RPD values within QC limits representing laboratory precision of 100 percent. Three MDs were prepared and analyzed for TAL metals, 67 out of 69 of the replicate pairs had RPD values within required QC limits representing a laboratory precision of 97 percent.

Six field duplicate samples were collected representing 20 percent of the environmental samples taken for each analytical fraction: VOC, SVOC, Pest/PCB and TAL metals. Determination of precision is based on the RPDs of result pairs. An RPD of less than 100 percent is used as a criteria for acceptable field duplicate precision. Table 3d contains tables of duplicate sample results.

One hundred twenty-nine compound pairs were detected, ten of which had RPDs greater than 100. This represent a field precision of approximately 92 percent. This reflects a reasonable level of sampling precision.

ACCURACY

Accuracy is a quantitative term that estimates the bias in a measurement system. Analytical accuracy for the entire data collection activity is difficult to measure because several sources of error exist. Errors can be introduced by any of the following:

Sampling procedure
Field contamination

Sample preservation and handling
Sample matrix
Sample preparation
Holding Time
Analytical techniques

Accuracy of the analytical data is assessed using recovery results from MS/MSD, surrogate spike, laboratory control sample (LCS), and performance evaluation (PE) sample analysis.

Groundwater Samples

Three VOC MS/MSDs were prepared and analyzed, 30 out of 30 spike compounds had percent recoveries (%R) values within QC limits representing laboratory accuracy of 100 percent. Three SVOC MS/MSDs were prepared and analyzed, 52 out of 54 spike compounds had %R values within QC limits representing laboratory accuracy of 96 percent. Three Pest/PCB MS/MSDs were prepared and analyzed, 36 out of 36 spike compounds had %R values within QC limits representing laboratory accuracy of 100 percent. Three metal MS samples were prepared and analyzed, 68 out of 69 of the spike compounds had %R values within required QC limits representing a laboratory accuracy of 99 percent.

Surrogate spike recoveries serve as an indication of matrix interference and/or laboratory preparation techniques on a sample by sample basis. In general, surrogate recoveries for these data are within established criteria. Four VOC samples had surrogate recoveries outside criteria. Related VOC data were qualified as being estimated during data validation representing approximately 18 percent of the data exhibiting some matrix interference of VOC results.

LCSs were used by the laboratory that analyzed for VOCs to aid in the evaluation of laboratory accuracy. LCSs are simple matrix (i.e. laboratory pure water) which are spiked with a known concentration of the compounds of interest. Eight VOC LCSs were prepared and analyzed, 328 out of 328 spike compound recoveries were within QC limits representing a laboratory accuracy of 100 percent.

Field blanks were collected after equipment decontamination by pumping analyte-free water through the pump for groundwater sample blanks. One field blank was collected on each day of sampling. Field blanks were analyzed for VOCs, SVOCs, Pest/PCBs and TAL metals. Nine field blanks were collected during the groundwater sample phase. Table 1a contains a summary of the contaminants found in the field blanks.

Trip blanks were collected on each day of sampling and accompanied the aqueous VOC samples during field activities and in transit. Trip blanks are used to determine possible atmospheric contamination that may influence VOC results. Eight trip blanks were

collected during groundwater sampling. Table 2a contains a summary of contaminants found in trip blanks.

The influence of blank contamination on sample data results was assessed during data validation and proper qualifications were added to the data. In general blank contamination is interpreted as having a high bias effect on the related data. The resulting data are qualified by considering low detected values in samples as non-detected results. Blank contamination is never subtracted from sample result data.

Surface Water Samples

Four VOC MS/MSDs were prepared and analyzed, 40 out of 40 spike compounds had %R values within QC limits representing laboratory accuracy of 100 percent. Four SVOC MS/MSDs were prepared and analyzed, 72 out of 72 spike compounds had %R values within QC limits representing laboratory accuracy of 100 percent. Four Pest/PCB MS/MSDs were prepared and analyzed, 48 out of 48 spike compounds had %R values within QC limits representing laboratory accuracy of 100 percent. Four metal MS samples were prepared and analyzed, 92 out of 92 of the spike compounds had %R values within required QC limits representing a laboratory accuracy of 100 percent.

Surrogate recoveries for these data were within established criteria.

Collection of field blanks was not required for surface water samples.

Ten trip blanks were collected during the two rounds of surface water sampling. Table 3 contains a summary of contaminants found in surface water trip blanks. Please refer to groundwater section for discussion of the possible effect on sample data due to blank contamination.

Sediment Samples

Four VOC MS/MSDs were prepared and analyzed, 40 out of 40 spike compounds had %R values within QC limits representing laboratory accuracy of 100 percent. Four SVOC MS/MSDs were prepared and analyzed, 72 out of 72 spike compounds had %R values within QC limits representing laboratory accuracy of 100 percent. Four Pest/PCB MS/MSDs were prepared and analyzed, 48 out of 48 spike compounds had %R values within QC limits representing laboratory accuracy of 100 percent. Four metal MS samples were prepared and analyzed, 84 out of 92 of the spike compounds had %R values within required QC limits representing a laboratory accuracy of 91 percent.

One sample analyzed for Pest/PCB and two samples analyzed for VOCs had surrogate recoveries outside criteria. Related pest/PCB and VOC data were qualified as being estimated during data validation representing approximately 4 percent of the Pest/PCB data and 8 percent of the VOC data exhibiting some matrix interference.

Field blanks were collected by passing analyte-free water over the sampling spoon and mixing bowl after they were decontaminated. One field blank was collected on each day of sampling. Field blanks were analyzed for VOCs, SVOCs, and TAL metals. Ten field blanks were collected during the two rounds of the sediment sampling program. Table 1b contains a summary of the contaminants found in the sediment field blanks. In general blank contamination is interpreted as having a high bias effect on the related data. The resulting data are qualified by considering low detected values in samples as non-detected results. Blank contamination is never subtracted from sample result data.

Due to shipper error the holding time was exceeded for 4 VOC samples and one SVOC sample. Related data were qualified as estimated during data validation representing approximately 12 percent of the VOC and 3 percent SVOC results being effected. Results reported from samples analyzed out of holding time are generally considered biased low.

Soil Samples

Three MS/MSDs were prepared and analyzed for VOCs, 30 out of 30 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for SVOCs, 108 out of 108 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for pest/PCB, 36 out of 36 replicate pairs had RPD values within QC limits representing laboratory precision of 100 percent. Three MDs were prepared and analyzed for TAL metals, 56 out of 69 of the replicate pairs had RPD values within required QC limits representing a laboratory precision of 81 percent.

Field blanks were collected by passing analyte-free water through the split spoon, mixing bowl and sampling spoon after they were decontaminated. One field blank was collected on each day of sampling. Field blanks were analyzed for VOCs, SVOCs, and TAL metals. Ten field blanks were collected during the two rounds of the sediment sampling program. Table 1c contains a summary of the contaminants found in the soil field blanks. In general blank contamination is interpreted as having a high bias effect on the related data. The resulting data are qualified by considering low detected values in samples as non-detected results. Blank contamination is never subtracted from sample result data.

Due to shipper error the holding time was exceeded for five SVOC samples. Related data were qualified as estimated during data validation representing approximately 8 percent SVOC results being effected. Results reported from samples analyzed out of holding time are generally considered biased low.

REPRESENTATIVENESS

Representativeness is a qualitative term that expresses the degree to which the sample data represents the environmental condition of the location and sampling interval from which the samples were collected. The absence or presence of chemical contaminants in the

results are representative of the environmental conditions at the Mercury Refining Site. During the data validation process, all data which were deemed unusable have been rejected and therefore not incorporated into the characterization of the site conditions. Sampling procedures which were identified in the EPA-approved QAPP (September 2001) were followed explicitly to assure representative samples were collected in a consistent manner.

COMPARABILITY

Comparability is a qualitative term that expresses the confidence with which a data set can be compared with another. Strict adherence to standard sample collection procedures, analytical detection limits, and analytical methods assures that data from like samples and sample conditions are comparable. This comparability is independent of laboratory personnel, data reviewers, or sampling personnel. Comparability criteria are met for the project if, based on data review, the sample collection and analytical procedures are determined to have been followed, or defined to show that variations did not affect the values reported.

To assure comparability of data generated for the Mercury Refining Site, CDM utilized standard sample collection procedures and EPA-approved analytical methods. Utilizing such procedures and methods enables the current data to be comparable to the previous data sets generated with similar methods. Detection limits were low enough to compare the data to applicable screening criteria. Additionally, future data sets generated utilizing the same methods of analysis will be comparable to this data set.

COMPLETENESS

Completeness for sample collection is defined as the percentage of samples listed in the QAPP that were collected during the field program. The goal for sample collection completeness was set at 90 percent. Analytical results from all samples listed in the QAPP were presented. At present, sample collection completion is 100 percent.

Completeness for acceptable data is defined as the percentage of acceptable data out of the total amount of data generated. Acceptable data includes both data which passes all of the QC criteria (unqualified data) and data that may not pass all of the QC criteria but had appropriate corrective actions taken (qualified but useable data).

Unacceptable data are data that were rejected through data validation. Notable reasons for data being rejected by data validation are:

VOC results were rejected based on holding time being grossly exceeded.

VOC and SVOC results were rejected based on calibration response criteria being outside acceptable limits and continuing calibration recovery outside criteria.

VOC, SVOC and pest/PCB results rejected based on surrogate recoveries outside acceptable limits.

PCB results were rejected based on disparity between initial and confirmation column results and surrogated recoveries.

Mercury results were rejected due to poor MS/MSD recovery.

Mercury, iron and zinc results were rejected due to contamination in field blank samples.

Rejected data are summarized on Table 4.

The completeness goal set for acceptable data is 95 percent. Completeness for acceptable data in the groundwater, surface water, soil and sediment sampling is 98.9 percent, which exceeds the established goal.

CONCLUSION

The sample data reflects as near as reasonably possible actual site conditions. Any data associated with quality control measurements outside established criteria have been qualified or rejected during data validation. All data presented is considered definitive data for purposes of reporting and evaluating site conditions.

Table 1a
Groundwater Field Blank Contamination Summary
Mercury Refining

Compound or Analyte	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
VOCs			
Acetone	26	7	5
Trans 1,2-dichloroethene	0.28	2	0.5
Chloroform	0.1	1	0.5
Carbon tetrachloride	0.11	1	0.5
1,2-Dichloropropane	0.14	4	0.5
Toluene	0.12	4	0.5
Tetracloroethene	0.14	2	0.5
Ethyl benzene	0.10	2	0.5
Xylenes	0.34	3	0.5
SVOCs			
Di-n-octylphthalate	0.9	3	10
bis(2-	0.9	4	10
Benzyl butyl phthalate	2	1	10
Pest/PCBs			
Heptachlor	0.018	5	0.05
TAL Metals			
Aluminum	152	8	200
Arsenic	1.8	1	10
Cadmium	0.86	1	5
Calcium	75.9	1	5000
Chromium	1.2	1	10
Copper	9.3	5	25
Iron	70.6	3	100
Lead	2.5	2	3
Magnesium	9.8	2	5000
Manganese	9.8	8	15
Nickel	1.1	1	40
Potassium	209	6	5000
Sodium	940	7	5000
Zinc	11.2	1	20

Table 1b
Sediment Field Blank Contamination Summary
Mercury Refining Site

Compound or Analyte	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
VOCs			
Acetone	1700	9	10
Methylene chloride	2	1	10
SVOCs			
Di-n-octylphthalate	0.83	3	10
bis(2-	4.2	4	10
Pyrene	0.5	1	10
Caprolactam	20	4	10
4-Chloro-3-methylphenol	6	1	10
TAL Metals			
Aluminum	158	10	200
Arsenic	3.4	1	10
Barium	2.8	4	200
Beryllium	1.3	7	5
Calcium	1440	10	5000
Chromium	616	2	10
Copper	21.9	3	25
Cobalt	5.1	1	50
Iron	158	7	100
Lead	1300	1	3
Magnesium	304	9	5000
Manganese	82.5	6	15
Mercury	0.25	1	0.2
Nickel	68.9	8	40
Potassium	78	4	5000
Sodium	271	10	5000
Thallium	8.7	5	10
Vanadium	2.8	3	50
Zinc	257	9	20

Table 1c
Soil Field Blank Contamination Summary
Mercury Refining Site

Compound or Analyte	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
VOCs			
Acetone	3100	10	10
Methylene chloride	2	1	10
SVOCs			
Benzyl butyl phthalate	0.83	3	10
Di-n-octylphthalate	0.9	2	10
bis(2-Ethylhexyl)phthalate	43	6	10
Caprolactam	82	5	10
4-Chloro-3-methylphenol	1	3	10
TAL Metals			
Aluminum	286	4	200
Barium	11	7	200
Beryllium	0.67	1	5
Calcium	2410	8	5000
Chromium	1.4	8	10
Copper	7	8	25
Cobalt	2.1	3	50
Iron	2580	8	100
Magnesium	659	8	5000
Manganese	95	8	15
Mercury	27.9	5	0.2
Nickel	35.3	7	40
Potassium	111	5	5000
Sodium	4.7	8	5000
Vanadium	2.2	2	50
Zinc	22.3	5	20

Table 2a
Groundwater Trip Blank Contamination Summary
Mercury Refining Site

Compound	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
VOCs			
Acetone	26	9	5
Trans 1,2-dichloroethene	0.29	2	0.5
Chloroform	0.14	1	0.5
Carbon tetrachloride	0.13	1	0.5
1,2-Dichloropropane	0.15	3	0.5
Toluene	0.12	3	0.5
Tetracloroethene	0.14	2	0.5
Ethyl benzene	0.095	2	0.5
Xylenes	0.32	3	0.5

Table 2b
Surface Water Trip Blank Contamination Summary
Mercury Refining Site

Compound	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
VOCs			
Acetone	280	7	10

Table 3a
Field Duplicate Results For Groundwater Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
GWM-5D-R1 & GWM-5D-R1-Dup			
Acetone	0.8	0.7	13.3
Chloroform	0.3 J	0.3 J	0.0
Aluminum	394 J	526 J	28.7
Arsenic	10.5	11.3	7.3
Barium	104 B	104 B	0.0
Calcium	28600	28000	2.1
Chromium	0.55 B	1.1 B	66.7
Copper	2.4 B	3.2 B	28.6
Iron	529 J	657 J	21.6
Magnesium	5280	5260	0.4
Manganese	55.2	56.2	1.8
Mercury	22.5	22.9	1.8
Nickel	ND	1.7 B	NC
Potassium	3340 B	3700 B	10.2
Sodium	14300 J	14500 J	1.4
Vanadium	ND	1.5 B	30.8
Total Dissolved Solids	180	9000	192.2
Total Suspended Solids	25	23	8.33
Sulfate (as SO^4)	23.9	21.8	9.2

Table 3a
Field Duplicate Results For Groundwater Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
GWM-5D-R2 & GWM-5D-R2-Dup			
Acetone	8.8	ND	NC
Carbon disulfide	0.11 J	0.12 J	8.7
Chloroform	0.33 J	0.37 J	11.4
Toluene	0.06 J	ND	NC
alpha-Chlordane	ND	0.002 J	NC
gamma-Chlordane	0.0065 J	0.0068 J	4.5
Aluminum	75.8 B	75.7 B	0.13
Arsenic	9.4 B	9.5 B	1.1
Barium	72.4 B	69.8 B	3.7
Calcium	14200	13300	6.6
Iron	63.9 B	38.2 B	50.3
Magnesium	4520 B	4340 B	4.1
Manganese	18.2	15.5	16
Mercury	11.1	10.9	1.8
Potassium	9970	9850	1.2
Sodium	22100	21500	2.8
Total Dissolved Solids	150	150	0.0
Sulfate (as SO^4)	11.1	19.1	53

Table 3b
Field Duplicate Results For Surface Water Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SWC-03 & SWC-03-Dup			
Benzaldehyde	4 J	5 J	22.2
Phenol	200 D	210 D	4.88
2-Methyphenol	79	79	0.0
4-Chloro-3-methylphenol	ND	13	NC
Di-n-butyphthalate	ND	1 J	NC
bis-2(Ethylhexyl)phthalate	3 J	3 J	0.0
Beta-BHC	ND	0.18	NC
delta-BHC	0.056 NJ	ND	NC
gamma-BHC (Lindane)	ND	0.06 NJ	NC
Aluminum	862 EJ	870 EJ	0.9
Arsenic	7.8 B	4.2 B	60
Barium	199 B	208	4.4
Beryllium	ND	1.2 B	NC
Calcium	91100	87500	4.0
Chromium	4.2 B	4.3 B	2.4
Cobalt	1.8 B	1.5 B	18.2
Copper	27 J	33.3 J	20.9
Iron	53000	50300	5.2
Lead	12.1 J	21.3 J	55.1
Magnesium	8720	8450	3.15
Manganese	1320	1270	3.9
Mercury	2.7	2.4	11.8
Nickel	28.4 B	12.8 B	75.7
Potassium	57400 EJ	54300 EJ	5.6
Silver	8.1 B	4.6 B	55.1

Table 3b
Field Duplicate Results For Surface Water Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SWS-03 & SWS-03-Dup			
bis-2(Ethylhexyl)phthalate	ND	2 J	NC
Aluminum	80.5 BE	53.7 BE	39.9
Antimony	ND	4.1 B	NC
Arsenic	ND	6.5 B	NC
Barium	102 B	102 B	0.0
Beryllium	0.74 B	0.72 B	2.7
Calcium	96900	97100	0.2
Copper	32.9 EJ	24.2 BE	30.5
Iron	422 J	618 J	37.7
Lead	3.4 *J	21.1 *J	144.5
Magnesium	16500	16500	0.0
Manganese	171 *	164 *	4.18
Nickel	2.8 B	3.1 B	10.17
Potassium	4870 BE	5040 EJ	3.43
Sodium	197000	204000	3.49
Thallium	5.3 B	7.2 B	30.4
Zinc	24.5 *	27.4 *	11.2
Methyl mercury	0.22	0.38	53.3

Table 3b
Field Duplicate Results For Surface Water Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SWS-05 & SWS-05-Dup			
Aluminum	20.5 B	32.7 B	45.9
Barium	96.8 B	94.9 B	2.0
Calcium	106000	102000	3.8
Iron	305	330	7.9
Magnesium	16700	16300	2.4
Manganese	227	221	2.7
Nickel	1 B	15.1 B	175
Potassium	4000 B	4010 B	0.2
Sodium	205000 J	205000 J	0.0
Zinc	5.3 B	13.9 B	90.0

Table 3b
Field Duplicate Results For Sediment Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SDS-05-0-6 & SDS-05-0-6-Dup			
Carbon disulfide	ND	2 J	NC
Methyl acetate	14	16	13.3
Benzaldehyde	26 J	ND	NC
Phenanthrene	30 J	22 J	30.7
Fluoranthene	58 J	38 J	41.7
Pyrene	44 J	23 J	62.7
Benzo(a)anthracene	24 J	ND	NC
Chrysene	31 J	ND	NC
Di-n-octylphthalate	23 J	ND	NC
Benzo(b)fluoranthene	30 J	18 J	50.0
Benzo(k)fluoranthene	27 J	ND	NC
Benzo(a)pyrene	21 J	14 J	40.0
Indeno(1,2,3-cd)pyrene	16 J	13 J	20.7
Aluminum	5330 J	4840 J	9.6
Arsenic	3.2	2.6	20.7
Barium	18.7 B	28.9 B	42.9
Beryllium	0.71 B	0.54 B	27.2
Calcium	1010 B	933 B	7.9
Chromium	6.5 J	6.1 J	6.4
Cobalt	3.9 B	3.4 B	13.7
Copper	7.3 J	7 J	4.2
Iron	11000	10000	9.5
Lead	6.6	6.8	3.0
Magnesium	1240 B	1160 B	6.7
Manganese	174 J	150 J	14.8

Table 3b
Field Duplicate Results For Sediment Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SDS-05-0-6 & SDS-05-0-6-Dup			
Mercury	0.37	0.26	34.9
Nickel	7.9 B	7.2 B	9.3
Potassium	362 B	283 B	24.5
Sodium	323 BJ	246 BJ	27.1
Vanadium	12.7 B	10.9 B	15.2
Zinc	30.9 J	34 J	9.6
Methyl mercury	3.14	3.61	13.9

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SBD-01-F & SBD-01-F-Dup			
Methylene chloride	2 J	ND	NC
2-Butanone	2 J	5 J	85.7
Fluoranthene	ND	14 J	NC
Aroclor-1248	ND	1500	NC
Aroclor-1260	ND	20 J	NC
Aluminum	5740	7190	22.4
Arsenic	3.2	4.2	27.0
Barium	15.7 B	21.5 B	31.2
Beryllium	0.24 B	0.34 B	34.5
Calcium	847 B	1080 B	24.2
Chromium	6.5	8.1	21.92
Cobalt	5.4 B	6.2 B	13.79
Copper	16.4	18.8	13.6
Iron	13800	16500	17.8
Lead	4.6	5.9	24.8
Magnesium	1900	2230	16.0
Manganese	459 J	529 J	14.2
Nickel	11.2	13.1	15.7
Potassium	648 B	817 B	23.1
Sodium	362 BJ	414 BJ	13.4
Vanadium	10.5 B	12.7	19.0
Zinc	33.4 J	43.3 J	25.8

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SBD-02-F & SBD-02-F-Dup			
Carbon disulfide	ND	2 J	NC
2-Butanone	6 J	7 J	15.4
Benzaldehyde	48 J	30 J	46.2
Phenanthrene	15 J	16 J	6.5
Fluoranthene	13 J	13 J	0.0
Di-n-octylphthalate	ND	20 J	NC
Aroclor-1248	430	260	49.2
Aroclor-1260	34 J	ND	NC
Aluminum	3250	3650	11.6
Arsenic	ND	0.78 B	2.6
Barium	19.2 B	24.7 B	25.1
Beryllium	0.15 B	0.17 B	12.5
Calcium	615 B	714 B	14.9
Chromium	4.2	4.6	9.1
Cobalt	1.4 B	1.5 B	6.9
Copper	6.8	7.3	7.1
Iron	5750	6060	5.2
Lead	6.1	8	27.0
Magnesium	779 B	788 B	1.2
Manganese	59 J	65.1 J	9.8
Nickel	4.7 B	5.1 B	8.2
Potassium	231 B	231 B	0.0
Sodium	354 BJ	347 BJ	2.0
Vanadium	7.3 B	7.4 B	1.4
Zinc	29.8 J	40.3 J	30.0

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SBM-MW5D-A & SBM-MW5D-A-Dup			
Benzaldehyde	ND	6 J	NC
Phenanthrene	ND	19 J	NC
Fluoranthene	ND	19 J	NC
alpha-BHC	ND	5.5 J	NC
4,4'-DDE	ND	5.4 NJ	NC
Aroclor-1248	460 J	570 J	21.4
Aroclor-1260	35 J	45 J	25.0
Aluminum	7670	11300	38.3
Arsenic	3.8	5.5	36.6
Barium	26.3 B	59.1	76.8
Beryllium	0.53 B	0.72 B	30.4
Calcium	1950	2900	39.2
Chromium	8.5 J	11.9 J	33.3
Cobalt	7 B	8.5 B	19.4
Copper	17.2 J	20.9 J	19.4
Iron	16500	22000	28.6
Lead	5.6 J	7.5 J	29.0
Magnesium	2170	3020	32.8
Manganese	524 J	551 J	5.0
Mercury	38800	17100	77.6
Nickel	12.9	17.8	31.9
Potassium	1300	2250	53.5
Sodium	300 BJ	347 BJ	14.5
Vanadium	13.6	18.5	30.5
Zinc	35.5	46.5	26.8

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SBS-02-0-2 & SBS-02-0-2-Dup			
Methylene chloride	ND	5 J	75.0
Naphthalene	ND	200 J	NC
2-Methylnaphthalene	ND	120 J	NC
Acenaphthene	ND	440	NC
Dibenzofuran	ND	170 J	NC
Fluorene	ND	270	NC
Phenanthrene	46 J	1400	187
Anthracene	40 J	350	159
Carbazole	ND	230 J	NC
Fluoranthene	160 J	1600	164
Pyrene	220 J	1300	142
Benzo(a)anthracene	220 J	850	117
Chrysene	190 J	770	121
Benzo(b)fluoranthene	270 J	1400	135
Benzo(k)fluoranthene	200	ND	NC
Benzo(a)pyrene	220 J	790	113
Indeno(1,2,3-cd)pyrene	100 J	370	115
Dibenzo(a,h)anthracene	ND	140 J	85.7
Benzo(g,h,i)perylene	110 J	410	115
4,4'-DDT	ND	4.4	NC
Aluminum	4860	4110	16.7
Arsenic	1.8 B	1.8 B	0.0
Barium	18.7 B	18.2 B	2.7
Beryllium	0.37 B	0.33 B	11.4
Calcium	1040 B	868 B	18.0
Chromium	5.5	4.6	17.8

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SBS-02-0-2 & SBS-02-0-2-Dup			
Cobalt	4.4 B	2.8 B	44.4
Copper	7.9	9.6	19.4
Iron	8870	8060	9.6
Lead	11.3	13.4	17.0
Magnesium	863 B	755 B	13.4
Manganese	238	180	27.8
Mercury	0.05 B	ND	NC
Nickel	6.5 B	5.8 B	11.4
Potassium	314 B	272 B	14.3
Sodium	319 BJ	278 BJ	13.7
Vanadium	9.4 B	8.1 B	14.9
Zinc	25.3	R	NC

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SBW-04-4-6 & SBW-04-4-6-Dup			
Methylene chloride	ND	6 J	NC
Aluminum	3300	3350	1.5
Barium	8.1 B	8.5 B	4.8
Beryllium	0.28 B	0.26 B	7.4
Calcium	577 B	1390 J	82.7
Chromium	4.4	4.4	0.0
Cobalt	2.2 B	2.3 B	4.4
Copper	6.4	6.3 J	1.57
Iron	6590	6860	4.0
Lead	2.1	2.8	28.6
Magnesium	1180	1530	25.8
Manganese	107	121	12.3
Mercury	ND	0.05 BJ	NC
Nickel	5.4 B	5.8 B	7.1
Potassium	383 B	390 B	1.8
Sodium	245 BJ	259 BJ	5.6
Vanadium	6 B	6 B	0.0
Zinc	R	R	NC

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SDS-03-0-6 & SDS-03-0-6-Dup			
2-Butanone	3 J	ND	NC
Phenanthrene	160 J	240 J	40.0
Anthracene	ND	49 J	NC
Fluoranthene	370 J	330 J	11.4
Pyrene	320 J	1300 J	121
Benzo(a)anthracene	150 J	110 J	30.8
Chrysene	210 J	200 J	4.9
Bis(2-Ethylhexyl)phthalate	69 J	46 J	40.0
Benzo(b)fluoranthene	190 J	180 J	5.4
Benzo(k)fluoranthene	170 J	190 J	11.1
Benzo(a)pyrene	150 J	230 J	42.1
Indeno(1,2,3-cd)pyrene	130 J	160 J	20.7
Aluminum	3810	2810	30.27
Arsenic	4.4	1.9 B	79.4
Barium	29.1 B	45.4 B	43.8
Beryllium	0.25 B	0.19 B	27.2
Calcium	4370	2890	40.8
Chromium	8.4 J	6 J	33.3
Cobalt	4.3 B	3 B	35.6
Copper	27.1	18.9 B	35.6
Iron	12100	8560	34.3
Lead	23	17.7	26.0
Magnesium	1940	1490	26.2
Manganese	228	121	61.3
Mercury	0.19 J	0.23 J	19.0

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SDS-03-0-6 & SDS-03-0-6-Dup			
Nickel	9 B	6.3 B	35.3
Potassium	351 BE	269 BE	26.4
Sodium	168 B	127 B	27.8
Vanadium	11.1 B	9.3 B	17.6
Zinc	72.3	64.6	11.2
Methyl mercury	0.84	2.33	94.0

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SSS-HHR-08-0-2 & SSS-HHR-08-0-2 -Dup			
Trichlorofluoromethane	6 J	2 J	100
2-Butanone	8 J	7 J	13.3
Phenanthrene	23 J	13 J	55.6
Fluoranthene	48 J	29 J	49.4
Pyrene	36 J	22 J	48.3
Benzo(a)anthracene	20 J	ND	NC
Chrysene	30 J	18 J	50.0
Benzo(b)fluoranthene	24 J	15 J	46.2
Benzo(k)fluoranthene	22 J	ND	NC
Benzo(a)pyrene	19 J	ND	NC
beta-BHC	5.1	ND	NC
4,4'-DDD	3 J	ND	NC
gamma-Chlordane	2.3 J	R	ND
Aluminum	7450	7030	5.8
Antimony	1 BJ	ND	NC
Arsenic	6.9	6.5	6.0
Barium	38 B	35 B	8.2
Beryllium	0.55 B	0.5 B	9.5
Calcium	1440	1300	10.2
Chromium	9.7	9	7.5
Cobalt	5.4 B	5.1 B	5.7
Copper	17.1	15.8	7.9
Iron	17900	16900	5.8
Lead	28.5	26.2	8.4
Magnesium	1830	1670	9.1
Manganese	442 J	405 J	8.7

Table 3b
Field Duplicate Results For Soil Samples
Mercury Refining Site

Compound	Sample Result (ug/l)	Duplicate Result (ug/l)	RPD
SSS-HHR-08-0-2 & SSS-HHR-08-0-2 -Dup			
Mercury	0.65	0.74	13.0
Nickel	9.8	9.1 B	7.4
Potassium	819 B	771 B	6.0
Sodium	391 BJ	362 BJ	7.7
Thallium	1.9 B	1.5 B	23.5
Vanadium	18.3	17.3	5.6
Zinc	50.3	47.2	6.4

SAMPLE ANALYSIS QUALIFIERS

Organic Qualifiers:

U - Compound was analyzed for but not detected. The associated numerical value is the sample quantitation limit.

J - Estimated data due to exceeded quality control criteria.

N - Presumptive evidence of a compound.

P - The difference for detected concentration of a pesticide/Aroclor target analyte is greater than 25 percent between the two GC columns.

C - Identification of pesticide results was confirmed by GC/MS.

B - Analyte is found in the associated blank and in the sample.

E - Compound concentration exceeds the calibration range of the GC/MS instrument for that specific analysis.

D - Compound is identified at a secondary dilution factor.

A - TIC is suspected aldol - condensation product.

R - Data is rejected due to exceeded quality control criteria.

Inorganic Qualifiers:

B - Reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Analyte was analyzed for but not detected.

E - The reported value is estimated because of the presence of interference.

M - Duplicate injection precision not met.

N - Sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

W - Post-digestion spike for furnace AA analysis is out of control limits (85-115 percent), while sample absorbance is less than 50 percent of spike absorbance.

R - Data is rejected.

* - Duplicate analysis not within control limits.

+ - Correlation coefficient for the MSA is less than 0.995.

Duplicate Table Notations:

ND - Not Detected

NC - Not Calculable, RPD could not be calculated because one result is non-detect.

RPD - Relative Percent Difference

ug/l - micrograms per liter

Table 4
Mercury Refining Site
Rejected Data Summary Table

2/28/2003

Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SBD-01-A	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-01-B	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-01-C	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-01-D	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-01-E	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-01-F	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-01-F-D	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-01-G	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-02-A	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-02-C	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-02-D	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-02-E	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-02-F	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBD-02-F-D	Soil	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SBM-MW2D-A	Soil	Mercury	7439-97-6	ILM04-1-M	MS/MSD recovery grossly exceeded criteria
SBM-MW6D-B	Soil	Mercury	7439-97-6	ILM04-1-M	MS/MSD recovery grossly exceeded criteria
SBM-MW7D-A	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBS-01-2-4	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBS-02-0-2-D	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBS-02-2-4	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBS-03-2-4	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBS-04-0-2	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBS-04-2-4	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-02-0-2	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-02-2-4	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-02-4-6	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-02-6-8	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-02-8-10	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-03-2-4	Soil	Mercury	7439-97-6	ILM04-1-M	MS/MSD recovery grossly exceeded criteria
SBW-04-2-4	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination

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Table 4
Mercury Refining Site
Rejected Data Summary Table

2/28/2003

Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SBW-04-4-6	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-04-4-6-D	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-05-8-10	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-06-0-2	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-06-10-12	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-06-2-4	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-06-4-6	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-06-6-8	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SBW-06-8-10	Soil	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SDC-03	Sediment	Mercury	7439-97-6	ILM04-1-M	Rinsate blank contamination
SWS-01	SW	Iron	7439-89-6	ILM04-1-M	Field blank contamination
SWS-04	SW	Iron	7439-89-6	ILM04-1-M	Field blank contamination
SWS-10	SW	Iron	7439-89-6	ILM04-1-M	Field blank contamination
SWS-10	SW	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
SWS-11	SW	Iron	7439-89-6	ILM04-1-M	Field blank contamination
SWS-11	SW	Zinc	7440-66-6	ILM04-1-M	Rinsate blank contamination
GWM-1D-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-1D-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-2D-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-2D-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-5D-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-5D-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-5D-R1	GW	Methyl Acetate	79-20-9	OLC03-2-V	Low instrument response factor
GWM-5D-R1-D	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-5D-R1-D	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-5D-R1-D	GW	Methyl Acetate	79-20-9	OLC03-2-V	Low instrument response factor
GWM-6D-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-6D-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-7D-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-7D-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor

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Table 4
Mercury Refining Site
Rejected Data Summary Table

2/28/2003

Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
GWM-7D-R1	GW	Methyl Acetate	79-20-9	OLC03-2-V	Low instrument response factor
GWM-7S-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-7S-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-7S-R1	GW	Methyl Acetate	79-20-9	OLC03-2-V	Low instrument response factor
GWM-OW1-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-OW1-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-OW2-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-OW2-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-OW2-R1	GW	Methyl Acetate	79-20-9	OLC03-2-V	Low instrument response factor
GWM-OW3-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-OW3-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-OW3-R1	GW	Methyl Acetate	79-20-9	OLC03-2-V	Low instrument response factor
GWM-OW4-R1	GW	2-Hexanone	591-78-6	OLC03-2-V	Low instrument response factor
GWM-OW4-R1	GW	4-Methyl-2-pentanone	108-10-1	OLC03-2-V	Low instrument response factor
GWM-OW4-R1	GW	Methyl Acetate	79-20-9	OLC03-2-V	Low instrument response factor
SBD-02-A	Soil	alpha-BHC	319-84-6	OLM04-2-PP	Poor second column confirmation
SBM-MW1D-A	Soil	beta-BHC	319-85-7	OLM04-2-PP	Poor second column confirmation
SBS-05-0-2	Soil	Dieldrin	60-57-1	OLM04-2-PP	Poor second column confirmation
SDC-01	Sediment	4,4'-DDT	50-29-3	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Aroclor-1016	12674-11-2	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Aroclor-1221	11104-28-2	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Aroclor-1232	11141-16-5	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Aroclor-1242	53469-21-9	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Aroclor-1248	12672-29-6	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Aroclor-1254	11097-69-1	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Aroclor-1260	11096-82-5	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	beta-BHC	319-85-7	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	delta-BHC	319-86-8	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Dieldrin	60-57-1	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Endosulfan II	33213-65-9	OLM04-2-PP	Poor surrogate recovery

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Table 4
Mercury Refining Site
Rejected Data Summary Table

Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SDC-01	Sediment	Endosulfan Sulfate	1031-07-8	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	gamma-BHC (Lindane)	58-89-9	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	gamma-Chlordane	5103-74-2	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Heptachlor	76-44-8	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Methoxychlor	72-43-5	OLM04-2-PP	Poor surrogate recovery
SDC-01	Sediment	Toxaphene	8001-35-2	OLM04-2-PP	Poor surrogate recovery
SDS-09-0-6	Sediment	beta-BHC	319-85-7	OLM04-2-PP	Poor second column confirmation
SDS-09-0-6	Sediment	Endosulfan Sulfate	1031-07-8	OLM04-2-PP	Poor second column confirmation
SDS-10-0-6	Sediment	Dieldrin	60-57-1	OLM04-2-PP	Poor second column confirmation
SDS-10-0-6	Sediment	Endrin	72-20-8	OLM04-2-PP	Poor second column confirmation
SDS-11-0-6	Sediment	4,4'-DDD	72-54-8	OLM04-2-PP	Poor second column confirmation
SSS-HHR-08-0-2-D	Soil	gamma-Chlordane	5103-74-2	OLM04-2-PP	Poor second column confirmation
SBD-02-D	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBD-02-E	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBD-02-F	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBD-02-F-D	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBD-02-G	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBM-MW1D-A	Soil	Atrazine	1912-24-9	OLM04-2-SV	Low instrument response factor
SBM-MW1D-B	Soil	Atrazine	1912-24-9	OLM04-2-SV	Low instrument response factor
SBM-MW2D-A	Soil	3-Nitrooaniline	99-09-2	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW2D-B	Soil	3-Nitrooaniline	99-09-2	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW6D-A	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBM-MW6D-A	Soil	4,6-Dinitro-2-methylphenol	534-52-1	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW6D-A	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW6D-A	Soil	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW6D-B	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBM-MW6D-B	Soil	4,6-Dinitro-2-methylphenol	534-52-1	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW6D-B	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW6D-B	Soil	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW7D-A	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor

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Table 4
Mercury Refining Site
Rejected Data Summary Table

2/28/2003

Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SBM-MW7D-A	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW7D-B	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBM-MW7D-B	Soil	4,6-Dinitro-2-methylphenol	534-52-1	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW7D-B	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW7D-B	Soil	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-03-6-8	Soil	Atrazine	1912-24-9	OLM04-2-SV	Low instrument response factor
SBW-05-0-2	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-05-0-2	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-05-2-4	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-05-2-4	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-05-4-6	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-05-4-6	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-05-6-8	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-05-6-8	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-05-8-10	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-05-8-10	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-06-0-2	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-06-0-2	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-06-10-12	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-06-10-12	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-06-2-4	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-06-2-4	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-06-4-6	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-06-4-6	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-06-6-8	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-06-6-8	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBW-06-8-10	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SBW-06-8-10	Soil	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SDS-02-0-6	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDS-02-0-6	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Method blank contamination

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Table 4
Mercury Refining Site
Rejected Data Summary Table

Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SDS-02-0-6	Sediment	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SDS-02-0-6	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Method blank contamination
SDS-03-0-6	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDS-03-0-6	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Method blank contamination
SDS-03-0-6	Sediment	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SDS-03-0-6	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Method blank contamination
SDS-03-0-6-D	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDS-03-0-6-D	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Method blank contamination
SDS-03-0-6-D	Sediment	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SDS-03-0-6-D	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Method blank contamination
SDS-05-0-6-D	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDS-08-0-6	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDS-09-0-6	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDS-11-0-6	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDS-11-0-6	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Method blank contamination
SDS-11-0-6	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Method blank contamination
SDS-12-0-6	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDS-13-0-6	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDS-14-0-6	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDX-03-0-2	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDX-03-0-2	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Method blank contamination
SDX-03-0-2	Sediment	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SDX-03-0-2	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Method blank contamination
SDX-03-10-12	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDX-03-10-12	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Method blank contamination
SDX-03-10-12	Sediment	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SDX-03-10-12	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Method blank contamination
SDX-03-2-4	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDX-03-2-4	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Method blank contamination
SDX-03-2-4	Sediment	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded

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Table 4
Mercury Refining Site
Rejected Data Summary Table

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Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SDX-03-2-4	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Method blank contamination
SDX-03-4-6	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SDX-03-4-6	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Method blank contamination
SDX-03-4-6	Sediment	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SDX-03-4-6	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Method blank contamination
SDX-03-6-8	Sediment	1,1'-Biphenyl	92-52-4	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2,2'-oxybis(1-Chloropropane)	108-60-1	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2,4,5-Trichlorophenol	95-95-4	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2,4,6-Trichlorophenol	88-06-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2,4-Dichlorophenol	120-83-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2,4-Dimethylphenol	105-67-9	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2,4-Dinitrotoluene	121-14-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2,6-Dinitrotoluene	606-20-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2-Chloronaphthalene	91-58-7	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2-Chlorophenol	95-57-8	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2-Methylnaphthalene	91-57-6	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2-Methylphenol	95-48-7	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2-Nitroaniline	88-74-4	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	2-Nitrophenol	88-75-5	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	3-Nitrooaniline	99-09-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	4,6-Dinitro-2-methylphenol	534-52-1	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	4-Bromophenyl phenyl ether	101-55-3	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	4-Chloro-3-methylphenol	59-50-7	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	4-Chlorophenyl phenyl ether	7005-72-3	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	4-Methylphenol	106-44-5	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	4-Nitrophenol	100-02-7	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Acenaphthene	83-32-9	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Acenaphthylene	208-96-8	OLM04-2-SV	Poor surrogate recovery

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Table 4
Mercury Refining Site
Rejected Data Summary Table

Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SDX-03-6-8	Sediment	Acetophenone	98-86-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Anthracene	120-12-7	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Atrazine	1912-24-9	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Benzaldehyde	100-52-7	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Benzo(g,h,i)perylene	191-24-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Benzyl butyl phthalate	85-68-7	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	bis(2-Chloroethoxy)methane	111-91-1	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	bis(2-Chloroethyl)ether	111-44-4	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Caprolactam	105-60-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Carbazole	86-74-8	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Dibenzo(a,h)anthracene	53-70-3	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Dibenzofuran	132-64-9	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Diethyl phthalate	84-66-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Dimethyl phthalate	131-11-3	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Fluorene	86-73-7	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Hexachloro-1,3-butadiene	87-68-3	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Hexachlorobenzene	118-74-1	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Hexachlorocyclopentadiene	77-47-4	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Hexachloroethene	67-72-1	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Isophorone	78-59-1	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Naphthalene	91-20-3	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Nitrobenzene	98-95-3	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	N-Nitroso-di-n-propylamine	621-64-7	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	N-Nitrosodiphenylamine	86-30-6	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	p-Chloroaniline	106-47-8	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Pentachlorophenol	87-86-5	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	Phenol	108-95-2	OLM04-2-SV	Poor surrogate recovery
SDX-03-6-8	Sediment	P-Nitroaniline	100-01-6	OLM04-2-SV	Poor surrogate recovery
SDX-03-8-10	Sediment	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor

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Table 4
Mercury Refining Site
Rejected Data Summary Table

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Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SDX-03-8-10	Sediment	3,3`-Dichlorobenzidine	91-94-1	OLM04-2-SV	Method blank contamination
SDX-03-8-10	Sediment	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SDX-03-8-10	Sediment	Di-n-octylphthalate	117-84-0	OLM04-2-SV	Method blank contamination
SSS-ECO-01-0-12	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SSS-HHR-08-0-2	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SSS-HHR-08-0-2-D	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SSS-HHR-08-0-6	Soil	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWC-01	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWC-01	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SWC-02	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWC-02	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SWC-03	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWC-03-D	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWC-04	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWC-04	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SWC-05	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWC-05	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SWC-06	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWC-06	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SWS-01	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWS-02	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWS-02	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SWS-03	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWS-03	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SWS-03-D	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWS-03-D	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SWS-04	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWS-05	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWS-10	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWS-10	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded

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Table 4
Mercury Refining Site
Rejected Data Summary Table

Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SWS-11	SW	2,4-Dinitrophenol	51-28-5	OLM04-2-SV	Low instrument response factor
SWS-11	SW	Benzaldehyde	100-52-7	OLM04-2-SV	Continuing calibration percent recovery grossly exceeded
SBM-MW7D-A	Soil	1,1,1-Trichloroethane	71-55-6	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,1,2,2-Tetrachloroethane	79-34-5	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,1,2-Trichloroethane	79-00-5	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,1-Dichloroethane	75-34-3	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,1-Dichloroethene	75-35-4	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,2,4-Trichlorobenzene	120-82-1	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,2-Dibromo-3-chloropropane	96-12-8	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,2-Dibromoethane	106-93-4	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,2-Dichlorobenzene	95-50-1	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,2-Dichloroethane	107-06-2	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,2-Dichloropropane	78-87-5	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,3-Dichlorobenzene	541-73-1	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	1,4-Dichlorobenzene	106-46-7	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	2-Butanone	78-93-3	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	2-Hexanone	591-78-6	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	4-Methyl-2-pentanone	108-10-1	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Benzene	71-43-2	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Bromodichloromethane	75-27-4	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Bromoform	75-25-2	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Bromomethane	74-83-9	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Carbon Disulfide	75-15-0	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Carbon Tetrachloride	56-23-5	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Chlorobenzene	108-90-7	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Chloroethane	75-00-3	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Chloroform	67-66-3	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Chloromethane	74-87-3	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	cis-1,2-Dichloroethene	156-59-2	OLM04-2-V	Holding time exceeded

Table 4
Mercury Refining Site
Rejected Data Summary Table

Sample ID	Matrix	Analyte or Compound Rejected	CAS Number	Method	Reason for Rejected Data
SBM-MW7D-A	Soil	cis-1,3-Dichloropropene	10061-01-5	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Cyclohexane	110-82-7	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Dibromochloromethane	124-48-1	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Dichlorodifluoromethane	75-71-8	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Ethylbenzene	100-41-4	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Isopropylbenzene	98-82-8	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Methyl Acetate	79-20-9	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Methyl Tert-Butyl Ether	1634-04-4	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Methylcyclohexane	108-87-2	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Styrene	100-42-5	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Tetrachloroethene	127-18-4	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Toluene	108-88-3	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	trans-1,2-Dichloroethene	156-60-5	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	trans-1,3-Dichloropropene	10061-02-6	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Trichloroethene	79-01-6	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Trichlorofluoromethane	75-69-4	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Vinyl Chloride	75-01-4	OLM04-2-V	Holding time exceeded
SBM-MW7D-A	Soil	Xylenes (total)	1330-20-7	OLM04-2-V	Holding time exceeded
SDS-06-0-6	Sediment	Sodium	7440-23-5	SW846-9081	Poor ICP serial dilution recovery
SDX-06-0-2	Sediment	Sodium	7440-23-5	SW846-9081	Poor ICP serial dilution recovery
SDX-06-10-12	Sediment	Sodium	7440-23-5	SW846-9081	Poor ICP serial dilution recovery
SDX-06-2-4	Sediment	Sodium	7440-23-5	SW846-9081	Poor ICP serial dilution recovery
SDX-06-4-6	Sediment	Sodium	7440-23-5	SW846-9081	Poor ICP serial dilution recovery
SDX-06-6-8	Sediment	Sodium	7440-23-5	SW846-9081	Poor ICP serial dilution recovery
SDX-06-8-10	Sediment	Sodium	7440-23-5	SW846-9081	Poor ICP serial dilution recovery
Notes:					
SW - Surface Water					
GW - Groundwater					

303476

Appendix D

Appendix D

Monitoring Well Construction Diagrams

MW-1D

CDM

107-F Corporate Blvd.
South Plainfield, NJ 07080

Single-Cased Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**MW-1D**
Site Name:	Mercury Refining Site (3220-040)	Drilling Date(s):	11/28/01 to 11/29/01
Project Location:	Colonie, NY	Initial Water Level (ft. bgs):	8
Drilling Contractor:	Uni-Tech Drilling Co.	Geologist:	T. Thornburgh
Drill Rig:	CME 750	North: East: Elevation (ft.amsl):	
Drilling Method:	Hollow Stem Auger	Bottom of Borehole (ft. bgs):	56

Annular Space Details

Type of Surface Seal: Concrete Pad

Type of Annular Grout: Cement

Type of Seal: Bentonite

Type of Filter Pack: # 00 Sand

Well Construction Materials

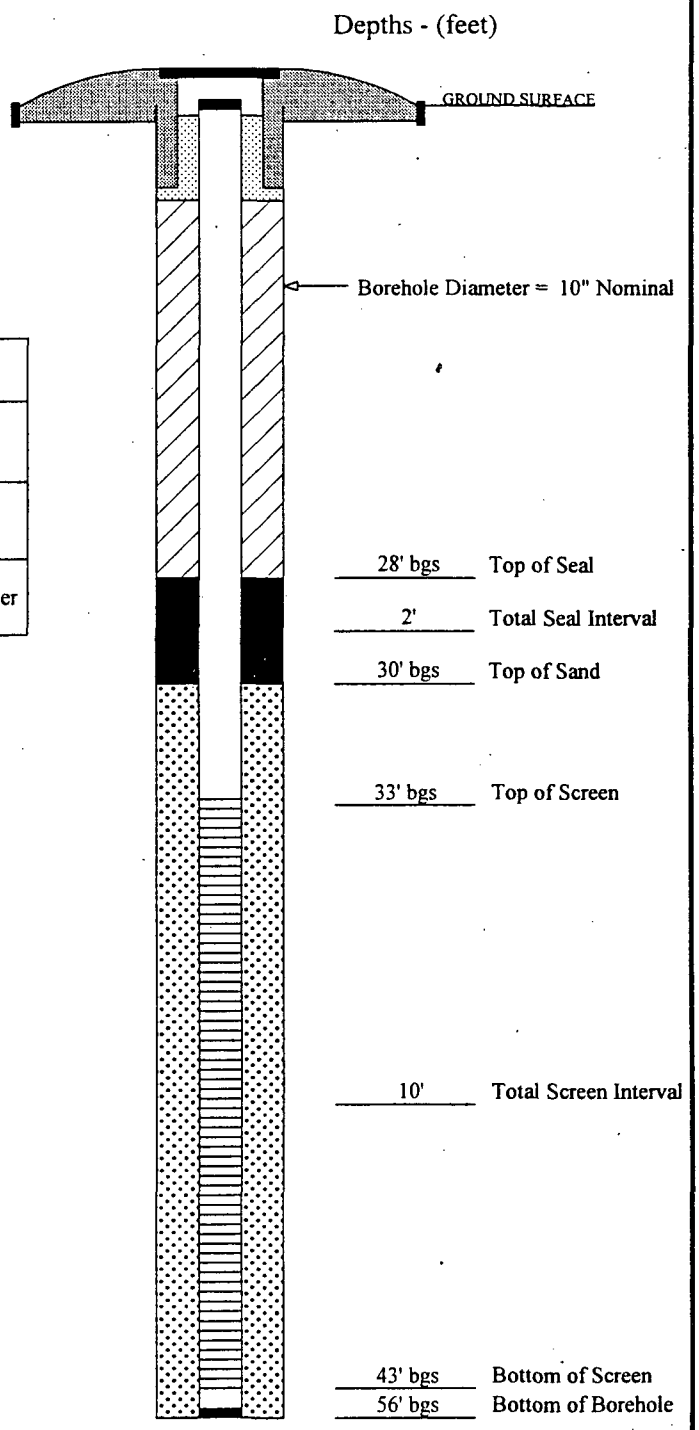
	Diameter	Type of Material
Screen	4"ID	Schedule 40 PVC
Riser Casing	4"ID	Schedule 40 PVC
Flush Mount Type	2'x2'x0.5' Square	Flush Mount Manhole Cover

Measurements

Riser pipe length (ft)	33
Screen length (ft)	10
Screen slot size (in)	0.010"
Depth to water (ft. bgs)	8
Depth to bedrock (ft. bgs)	N/A

Reviewed by: _____

REMARKS:



MERCURY WELL DIAGRAM MERCURY.GPJ FEDERAL.GDT 7/5/02

303480

MW-2D

CDM 107-F Corporate Blvd.
South Plainfield, NJ 07080

Single-Cased Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**MW-2D**
Site Name:	Mercury Refining Site (3220-040)	Drilling Date(s):	11/15/01 to 11/16/01
Project Location:	Colonie, NY	Initial Water Level (ft. bgs):	10
Drilling Contractor:	Uni-Tech Drilling Co.	Geologist:	T. Thornburgh
Drill Rig:	CME 85	North: East: Elevation (ft.amsl):	
Drilling Method:	Hollow Stem Auger	Bottom of Borehole (ft. bgs):	60

Annular Space Details

Type of Surface Seal: Concrete Pad

Type of Annular Grout: Cement

Type of Seal: Bentonite

Type of Filter Pack: # 01 Sand

Well Construction Materials

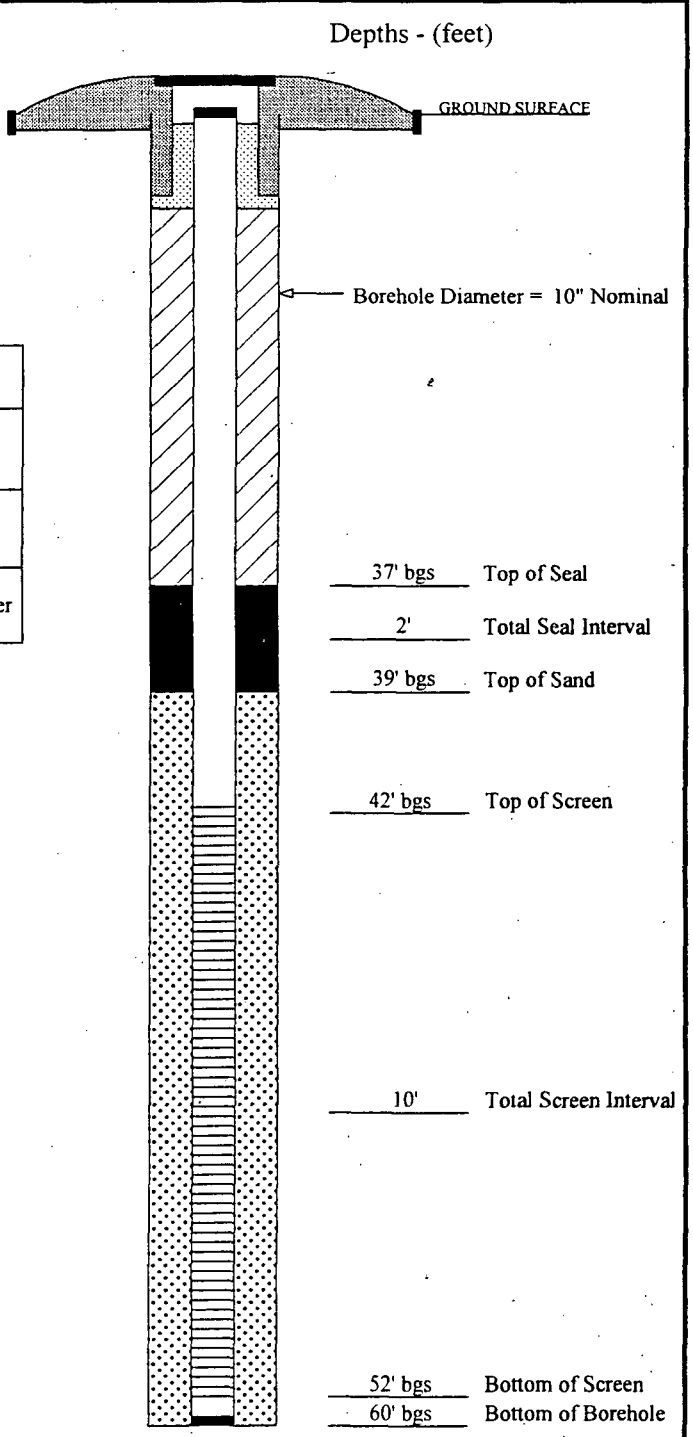
	Diameter	Type of Material
Screen	4"ID	Schedule 40 PVC
Riser Casing	4"ID	Schedule 40 PVC
Flush Mount Type	2'x2'x0.5' Square	Flush Mount Manhole Cover

Measurements

Riser pipe length (ft)	42
Screen length (ft)	10
Screen slot size (in)	0.010"
Depth to water (ft. bgs)	10
Depth to bedrock (ft. bgs)	N/A

Reviewed by: _____

REMARKS:



MERCURY WELL DIAGRAM MERCURY.GPJ FEDERAL.GDT 7/5/02

303482

MW-5D

303483

CDM 107-F Corporate Blvd.
South Plainfield, NJ 07080

Single-Cased Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**MW-5D**
Site Name:	Mercury Refining Site (3220-040)	Drilling Date(s):	11/19/01 to 11/20/01
Project Location:	Colonie, NY	Initial Water Level (ft. bgs):	10
Drilling Contractor:	Uni-Tech Drilling Co.	Geologist:	T. Thornburgh
Drill Rig:	CME 85	North: East: Elevation (ft.amsl):	
Drilling Method:	Hollow Stem Auger	Bottom of Borehole (ft. bgs):	70

Annular Space Details

Type of Surface Seal: Concrete Pad

Type of Annular Grout: Cement

Type of Seal: Bentonite

Type of Filter Pack: # 01 Sand

Well Construction Materials

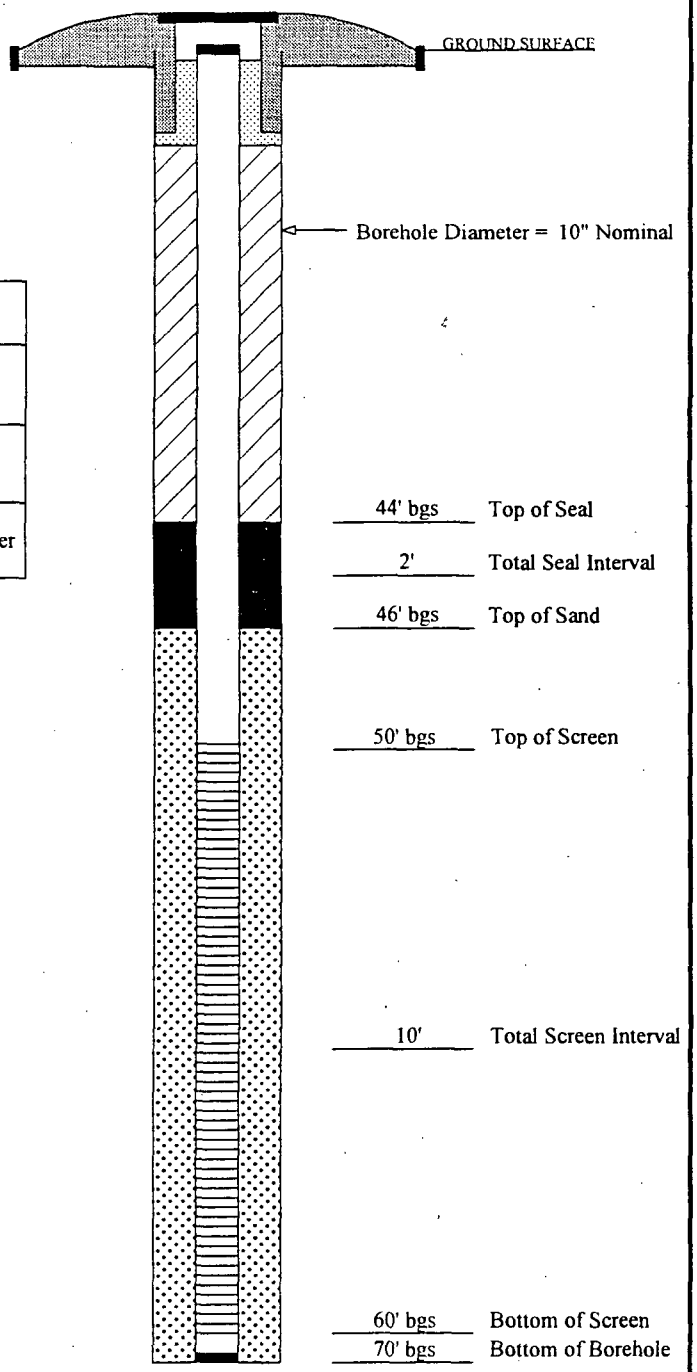
	Diameter	Type of Material
Screen	4"ID	Schedule 40 PVC
Riser Casing	4"ID	Schedule 40 PVC
Flush Mount Type	2'x2'x0.5" Square	Flush Mount Manhole Cover

Measurements

Riser pipe length (ft)	50
Screen length (ft)	10
Screen slot size (in)	0.010"
Depth to water (ft. bgs)	10
Depth to bedrock (ft. bgs)	N/A

Reviewed by: _____

REMARKS:



MERCURY WELL DIAGRAM MERCURY.GPJ FEDERAL.GDT 7/5/02

303484

MW-6D

CDM 107-F Corporate Blvd.
South Plainfield, NJ 07080

Single-Cased Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**MW-6D**
Site Name:	Mercury Refining Site (3220-040)	Drilling Date(s):	11/13/01 to 11/14/01
Project Location:	Colonie, NY	Initial Water Level (ft. bgs):	14
Drilling Contractor:	Uni-Tech Drilling Co.	Geologist:	T. Thornburgh
Drill Rig:	CME 85	North: East: Elevation (ft.amsl):	
Drilling Method:	Hollow Stem Auger	Bottom of Borehole (ft. bgs):	58

Annular Space Details

Type of Surface Seal: Concrete Pad

Type of Annular Grout: Cement

Type of Seal: Bentonite

Type of Filter Pack: # 01 Sand

Well Construction Materials

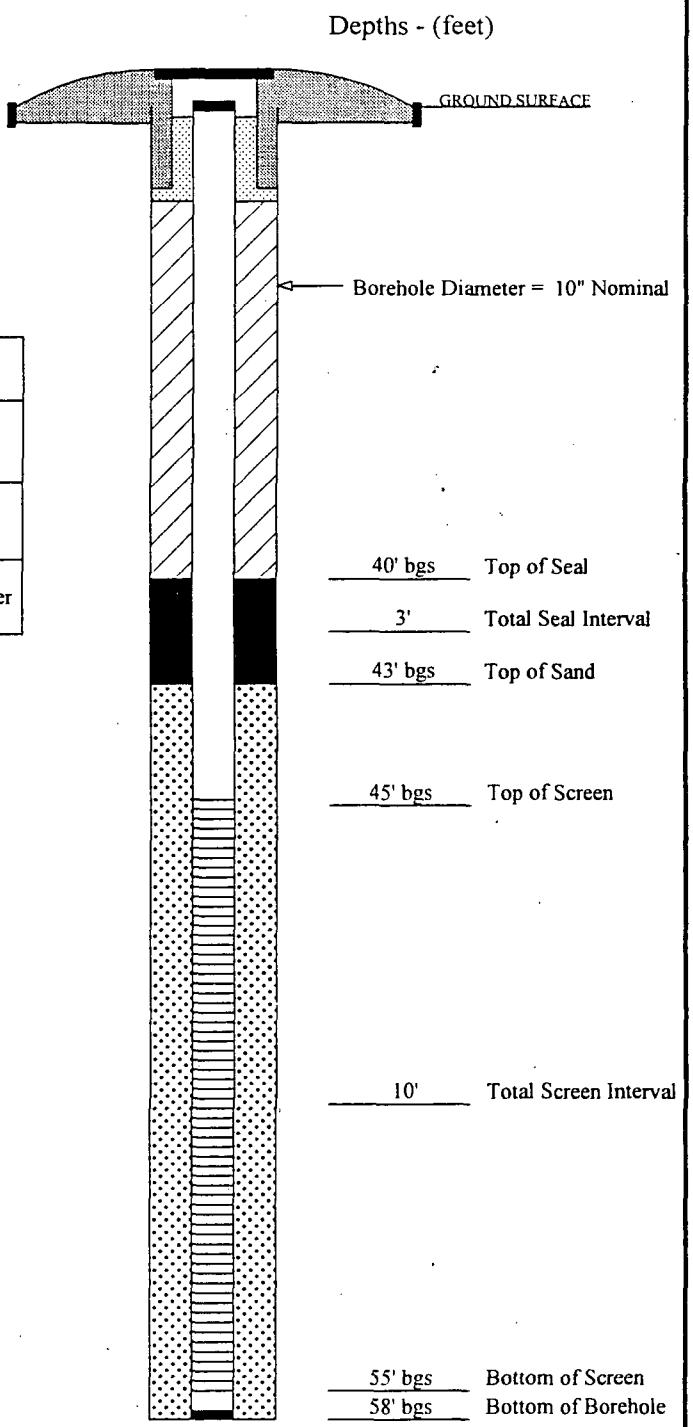
	Diameter	Type of Material
Screen	4"ID	Schedule 40 PVC
Riser Casing	4"ID	Schedule 40 PVC
Flush Mount Type	2'x2'x0.5' Square	Flush Mount Manhole Cover

Measurements

Riser pipe length (ft)	45
Screen length (ft)	10
Screen slot size (in)	0.010"
Depth to water (ft. bgs)	14
Depth to bedrock (ft. bgs)	N/A

Reviewed by: _____

REMARKS:



MERCURY:WELL DIAGRAN MERCURY.GPJ FEDERAL.GDT 7/5/02

303486

MW-7D

CDM 107-F Corporate Blvd.
South Plainfield, NJ 07080

Single-Cased Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**MW-7D**
Site Name:	Mercury Refining Site (3220-040)	Drilling Date(s):	11/07/01 to 12/01/01
Project Location:	Colonie, NY	Initial Water Level (ft. bgs):	9
Drilling Contractor:	Uni-Tech Drilling Co.	Geologist:	T. Thornburgh
Drill Rig:	CME 85	North: East: Elevation (ft.amsl):	
Drilling Method:	Hollow Stem Auger	Bottom of Borehole (ft. bgs):	60

Annular Space Details

Type of Surface Seal: Concrete Pad

Type of Annular Grout: Cement

Type of Seal: Bentonite

Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"ID	Schedule 40 PVC
Riser Casing	4"ID	Schedule 40 PVC
Flush Mount Type	2'x2'x0.5' Square	Flush Mount Manhole Cover

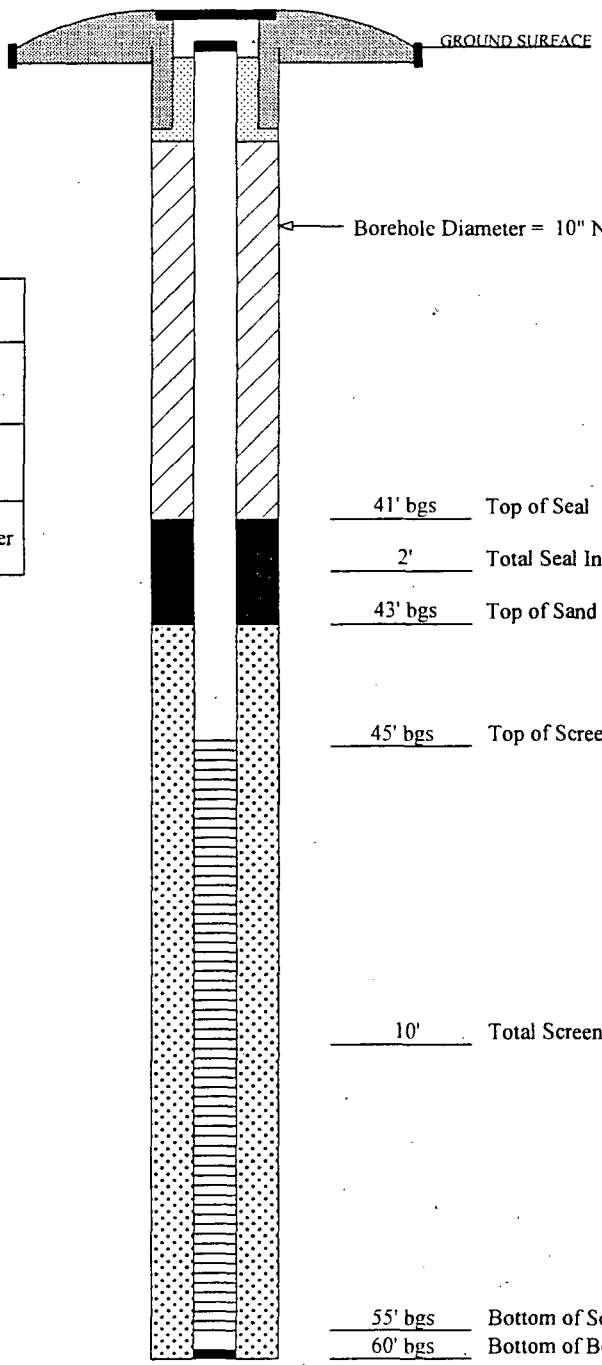
Measurements

Riser pipe length (ft)	45
Screen length (ft)	10
Screen slot size (in)	0.010"
Depth to water (ft. bgs)	9
Depth to bedrock (ft. bgs)	N/A

Reviewed by: _____

REMARKS:

Depths - (feet)



MERCURY:WELL DIAGRAM MERCURY.GPJ FEDERAL.GDT 7/5/02

303488

MW-7S

303489

CDM 107-F Corporate Blvd.
South Plainfield, NJ 07080

Single-Cased Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**MW-7S**
Site Name:	Mercury Refining Site (3220-040)	Drilling Date(s):	11/13/01 to 11/13/01
Project Location:	Colonie, NY	Initial Water Level (ft. bgs):	N/A
Drilling Contractor:	Uni-Tech Drilling Co.	Geologist:	T Thornburgh
Drill Rig:	CME 85	North: East: Elevation (ft.amsl):	
Drilling Method:	Hollow Stem Auger	Bottom of Borehole (ft. bgs):	25

Annular Space Details

Type of Surface Seal: Concrete Pad

Type of Annular Grout: Cement

Type of Seal: Bentonite

Type of Filter Pack: # 01 Sand

Well Construction Materials

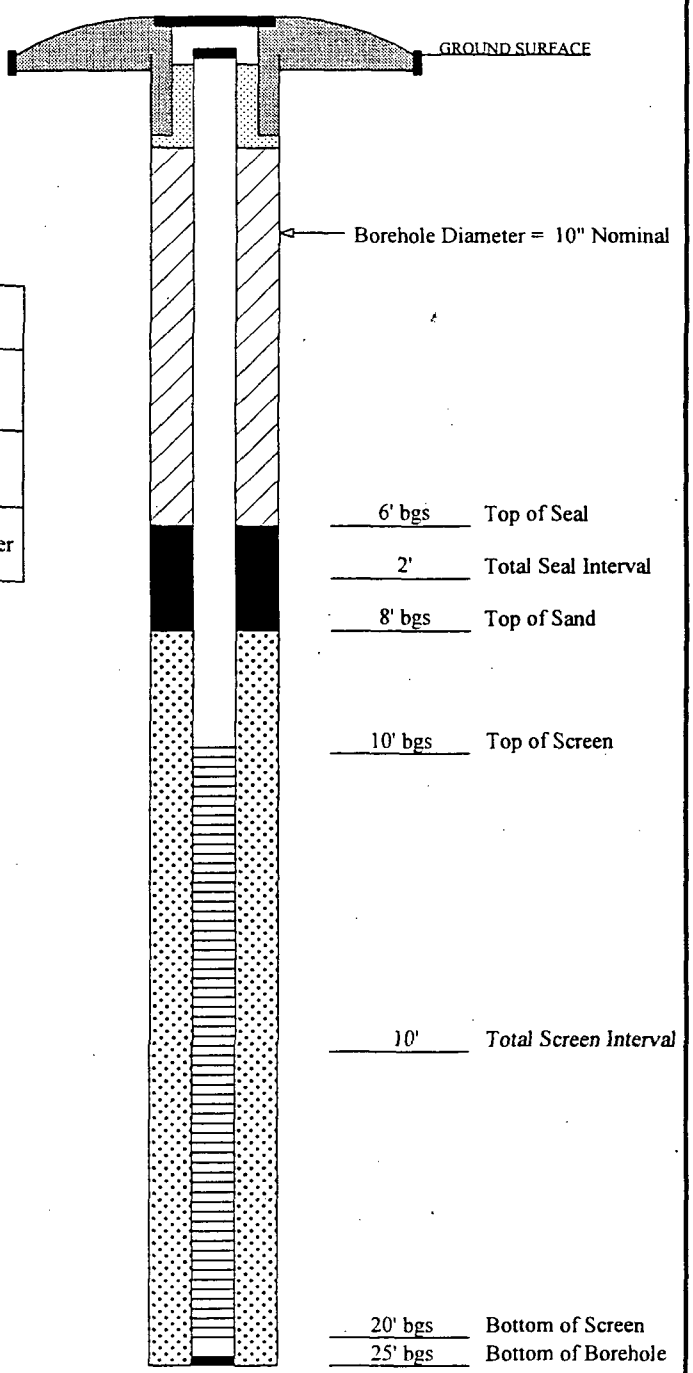
	Diameter	Type of Material
Screen	4"ID	Schedule 40 PVC
Riser Casing	4"ID	Schedule 40 PVC
Flush Mount Type	2'x2'x0.5' Square	Flush Mount Manhole Cover

Measurements

Riser pipe length (ft)	10
Screen length (ft)	10
Screen slot size (in)	0.010"
Depth to water (ft. bgs)	N/A
Depth to bedrock (ft. bgs)	N/A

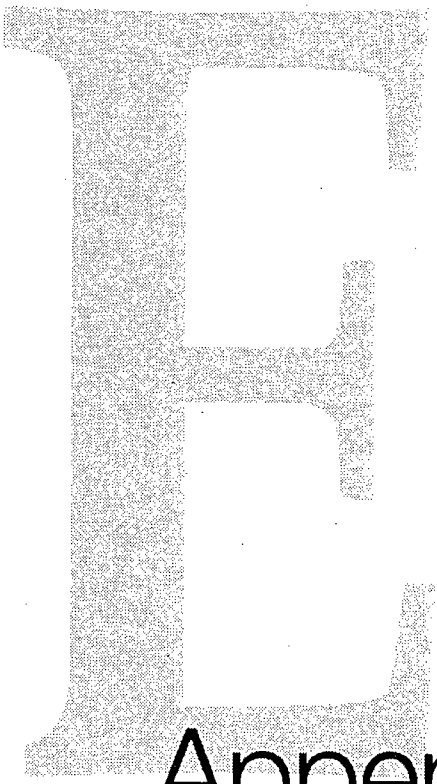
Reviewed by: _____

REMARKS:



MERCURY:WELL DIAGRAM MERCURY.GPJ FEDERAL.GDT 7/5/02

303490



Appendix E

Appendix E

Synoptic Water Level Data Sheets

SYNOPTIC WATER LEVEL MEASUREMENTS

SITE NAME: Mercury Refining Co.

Date	Time	Well Number	Depth to Water	Total Depth	Thickness of any Floating Product	HNu Readings
12/17	1110	MW7D	11.01 ft	50.96 ft	N/A	N/A
12/17	1115	MW7S	10.95 ft	19.56 ft	N/A	N/A
12/18	0925	OW-3S	13.29 ft	23.54 ft	N/A	N/A
12/18	1453	OW-4S	10.70 ft.	18.91 ft.	N/A	N/A
12/~~18~~19	0810	MW-1D	8.71 ft	~~44.29 ft~~	N/A	N/A
12/19	0945	OW-1S	8.77 ft.	20.76 ft.	N/A	N/A
12/19	1200	MW-2D	13.18 ft.	50.05 ft.	N/A	N/A
12/19	1420	MW-6D	17.48 ft.	50.71 ft.	N/A	N/A
12/19	1610	OW-2S	~~12.59~~ 12.25 ft.	~~20.08~~ 20.16 ft.	N/A	N/A
12/20	1145	MW-5D	14.18 ft.	54.10 ft.	N/A	N/A

All readings are from Top of Inner Casing (TIC)

303493

REV 5/01

– 1st Round of Water Level Measurements –

SYNOPTIC WATER LEVEL MEASUREMENTS

SITE NAME: Mercury Refining
Round 2 Sampling

Date	Time	Well Number	Depth to Water	Total Depth	Thickness of any Floating Product	HNu Readings
3/19/02	0858	MW-07D	10.72'	50.94'	—	0ppm
3/19/02	0900	MW-07S	10.62'	19.5'	—	0ppm
3/19/02	1330	OW-3S	12.7'		—	0ppm
3/19/02	1545	MW-2D	12.95'	50.12'	—	0ppm
3/19/02	1551	OW-2S	11.90'	20.23'	—	0ppm
3/19/02	1555	MW-1D	8.48'	45'	—	0ppm
3/19/02	1558	OW-1S	8.60'	21.28'	—	0ppm
3/19/02	1605	MW-5D	13.73'	50.0'	—	0ppm
3/19/02	1610	OW-4S	6.37'	18.89'	—	0ppm
3/19/02	—	MW-6D Could not collect reading; too muddy to get to well!				
4/5/02	0900	MW-6D	*	*	—	—

303494

All readings are from Top of Inner Casing (TIC)

* did not have a water level meter to get readings, however, we collected a sample; water level was at least around 17 ft., same as Round 1 readings.

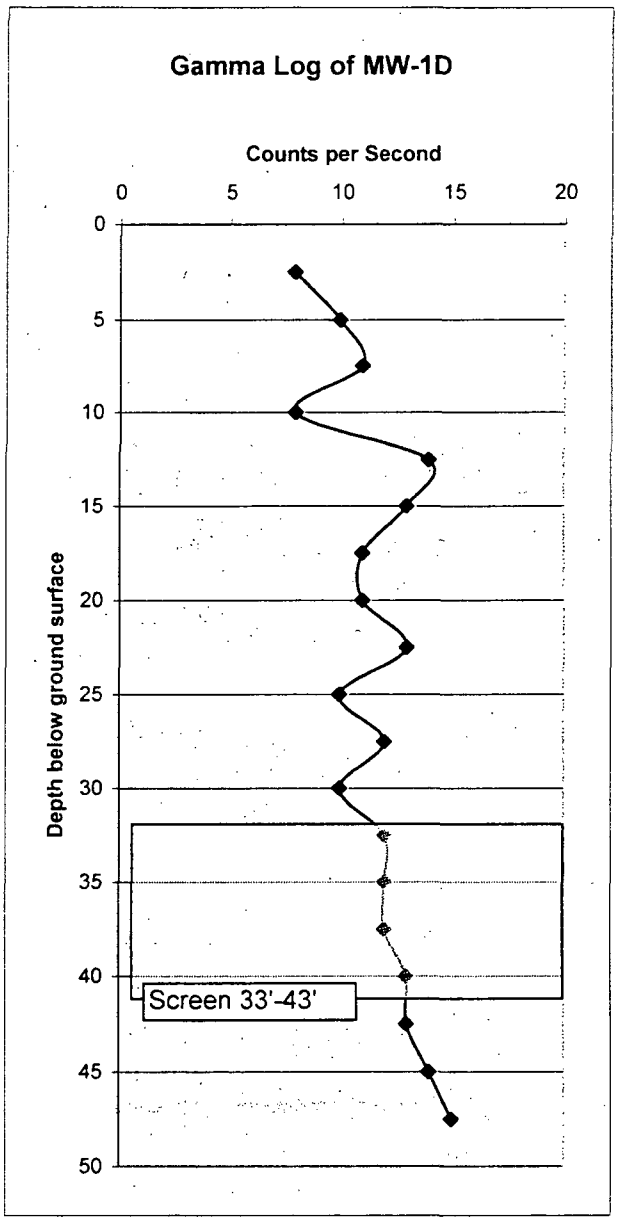
REV 5/01

Appendix F

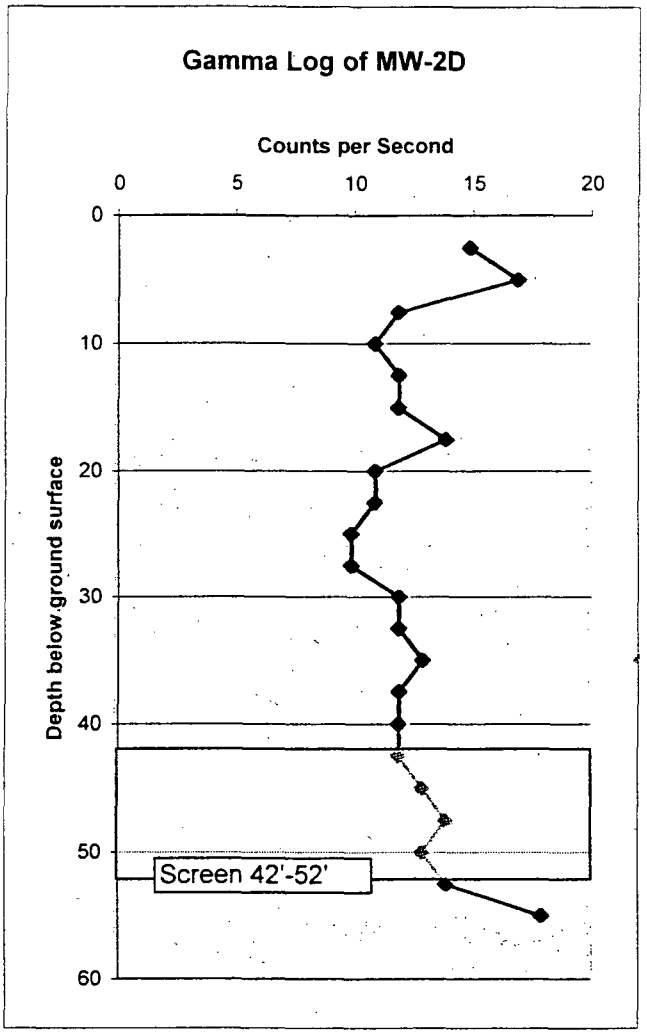
Appendix F

Downhole Gamma Logs

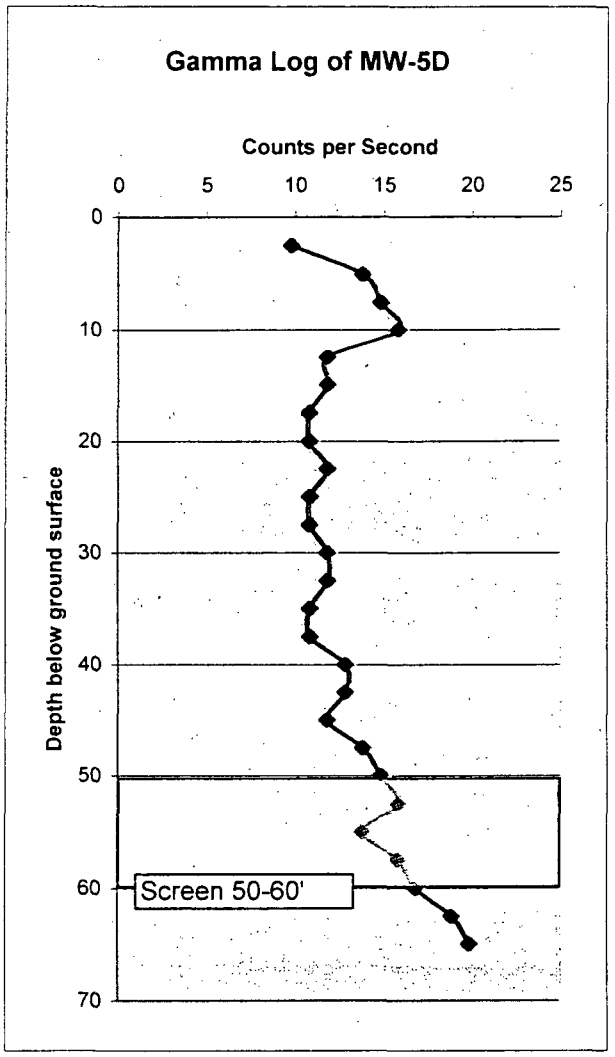
Counts Per Minute	Depth
15	47.5
14	45
13	42.5
13	40
12	37.5
12	35
12	32.5
10	30
12	27.5
10	25
13	22.5
11	20
11	17.5
13	15
14	12.5
8	10
11	7.5
10	5
8	2.5



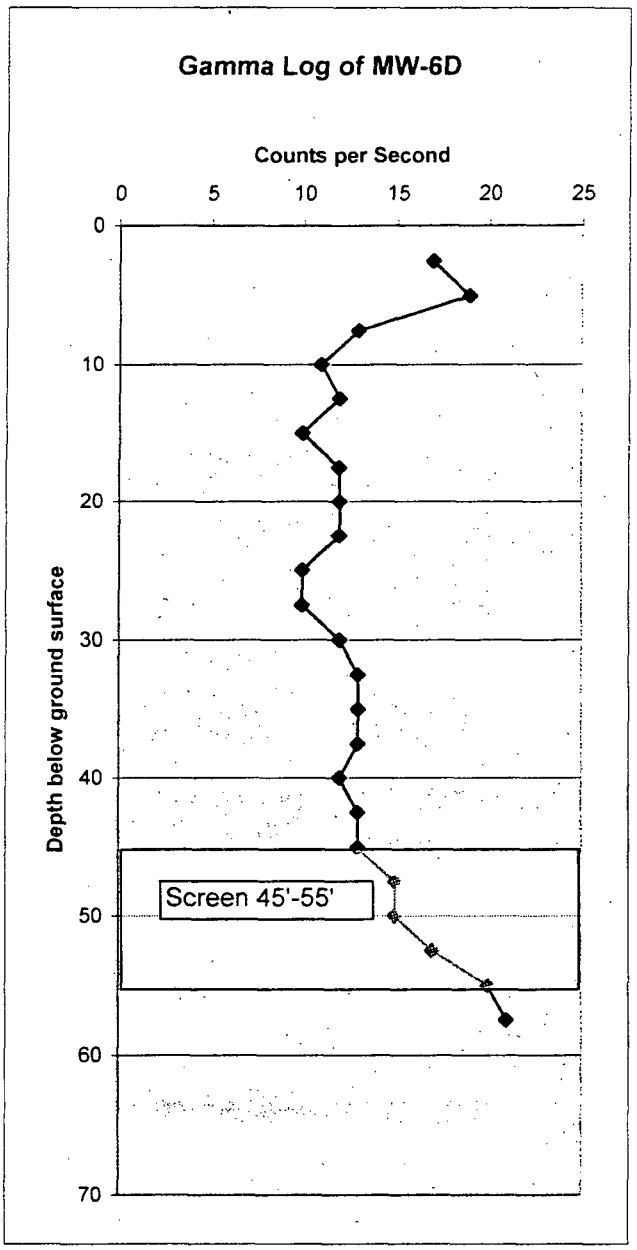
Counts Per Minute	Depth (ft.)
18	55
14	52.5
13	50
14	47.5
13	45
12	42.5
12	40
12	37.5
13	35
12	32.5
12	30
10	27.5
10	25
11	22.5
11	20
14	17.5
12	15
12	12.5
11	10
12	7.5
17	5
15	2.5



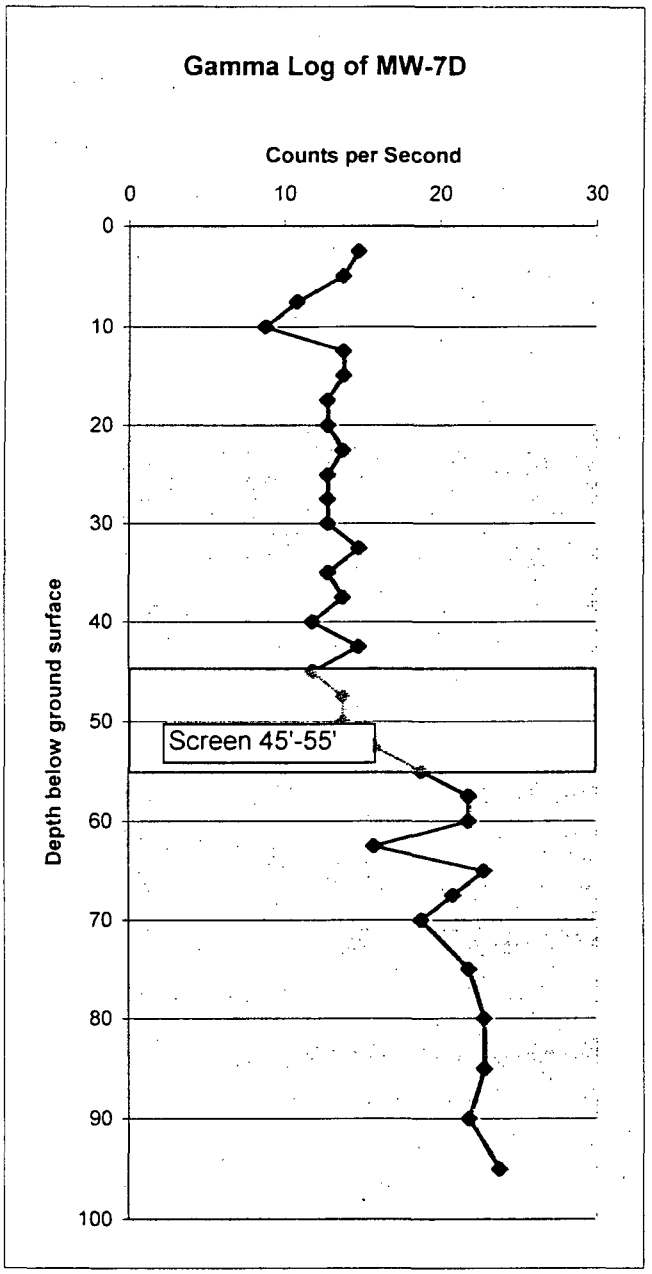
Counts Per Second	Depth (ft.)
20	65
19	62.5
17	60
16	57.5
14	55
16	52.5
15	50
14	47.5
12	45
13	42.5
13	40
11	37.5
11	35
12	32.5
12	30
11	27.5
11	25
12	22.5
11	20
11	17.5
12	15
12	12.5
16	10
15	7.5
14	5
10	2.5



Counts Per Second	Depth
21	57.5
20	55
17	52.5
15	50
15	47.5
13	45
13	42.5
12	40
13	37.5
13	35
13	32.5
12	30
10	27.5
10	25
12	22.5
12	20
12	17.5
10	15
12	12.5
11	10
13	7.5
19	5
17	2.5



Counts	Depth (feet)
24	95
22	90
23	85
23	80
22	75
19	70
21	67.5
23	65
16	62.5
22	60
22	57.5
19	55
16	52.5
14	50
14	47.5
12	45
15	42.5
12	40
14	37.5
13	35
15	32.5
13	30
13	27.5
13	25
14	22.5
13	20
13	17.5
14	15
14	12.5
9	10
11	7.5
14	5
15	2.5





Appendix G

Appendix G

Soil Boring Logs

MW-1D

303504

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-1D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-28-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 56
Depth to Initial Water Level (ft. bgs): 8
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
1		5 21 21 25	0 - 2	1.4 / 2.0	0.0	0.029		Brn SILT with tr. gravel, dry, hard; top 2" is vegetation. Gry SILT with some gravel, dry, hard (FILL).
3		35 30 50/2	2 - 4	1.0 / 2.0	0.0	0.016		Mix of SAND, SILT, and GRAVEL/COBBLE, dry, loose, various shades of brn.
5	SBM-MW1D-B	10 11 13 13	4 - 6	2.0 / 2.0	0.0	0.013		Same as above. Drk Greyish-Brn (2.5 Y 4/2), moist, loose, v. well sorted, vf to f SAND.
7		9 7 5 4	6 - 8	2.0 / 2.0	0.0	0.010		Brn (10 YR 4/3), moist to wet, loose, v. well sorted, vf to f SAND. Water table at about 7.8' bgs.
9	SBM-MW1D-A	9 6 4 3	8 - 10	1.3 / 2.0	0.0	0.009		Drk Yell-Brn (10 YR 4/4), wet, loose, v well sorted, vf SAND.
11		6 5 4 3	10 - 12	2.0 / 2.0	0.0	0.005		Same as above, with some silt in vf SAND; bottom 2" is a dark gry SILT.

Remarks:

Total Depth of Boring = 56 ft. bgs

LEGEND ▨ Mercury detected at this depth

303505

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-1D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-28-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 56
Depth to Initial Water Level (ft. bgs): 8
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
13		6 5 4 3	12 - 14	1.4 / 2.0	0.0	0.005		Drk yell-brn (10 YR 4/4), wet, loose, v well sorted, vf SAND.
14		4 5 5 4	14 - 16	1.3 / 2.0	0.0	0.005		Same as above, except SAND is brn (10 YR 4/3).
16		4 4 5 8	16 - 18	1.2 / 2.0	0.0	0.004		Drk grey-brn (10 YR 4/2), wet, loose, v well sorted, vf SAND.
18		4 5 9 15	18 - 20	1.7 / 2.0	0.0	0.010		Same as above.
20		4 5 7 10	20 - 22	1.4 / 2.0	0.0	0.006		Same as above.
22		5 6 7 9	22 - 24	1.5 / 2.0	0.0	0.002		Same as above.
24								

Remarks:

Total Depth of Boring = 56 ft. bgs

LEGEND Mercury detected at this depth

303506

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-1D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-28-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 56
Depth to Initial Water Level (ft. bgs): 8
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
25		4 5 5 4	24 - 26	1.0 / 2.0	0.0	0.006		Same as above.
26		6 7 9 11	26 - 28	1.6 / 2.0	0.0	0.006		Same as above.
28		6 7 7 11	28 - 30	1.5 / 2.0	0.0	0.010		Drk gry (10 YR 4/1), wet, loose v well sorted, vf SAND.
30		6 7 7 9	30 - 32	2.0 / 2.0	0.0	0.004		Drk gry (10 YR 4/1), wet, soft, vf sandy SILT. Same as above.
32		4 5 7 8	32 - 34	1.8 / 2.0	0.0	0.009		Same as above.
34		5 5 5 5	34 - 36	1.6 / 2.0	0.0	0.011		Same as above.
36								Drk gry (10 YR 4/1), wet, loose, v well sorted, vf SAND.

Remarks:

Total Depth of Boring = 56 ft. bgs

LEGEND Mercury detected at this depth

303507

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-1D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-28-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 56
Depth to Initial Water Level (ft. bgs): 8
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
37		9 10 6 6	36 - 38	2.0 / 2.0	0.0	0.007		Same as above.
38		4 4 6 6	38 - 40	2.0 / 2.0	0.0	0.007		Same as above.
40		12 9 6 7	40 - 42	1.6 / 2.0	0.0	0.003		Same as above.
42		6 8 9 12	42 - 44	2.0 / 2.0	0.0	0.009		Same as above.
44		6 7 9 11	44 - 46	2.0 / 2.0	0.0	0.012		Same as above, trace silt.
46		6 8 10 12	46 - 48	2.0 / 2.0	0.0	0.002		Same as above.
48								

Remarks:

Total Depth of Boring = 56 ft. bgs

LEGEND Mercury detected at this depth

303508

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-1D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-28-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 56
Depth to Initial Water Level (ft. bgs): 8
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
49		9 10 12 13	48 - 50	2.0 / 2.0	0.0	0.012		Same as above.
50		11 12 14 18	50 - 52	2.0 / 2.0	0.0	0.000		Gry-brn (10 YR 5/2), wet, hard, sandy SILT.
52		13 14 21 27	52 - 54	2.0 / 2.0	0.0	0.005		Drk gry (10 YR 4/1), wet, hard, clayey SILT.
54		13 11 23 27	54 - 56	2.0 / 2.0	0.0	0.003		Drk gry (10 YR 4/1), wet, hard, SILT and CLAY.
56								
57								
58								
59								
60								

Remarks:

Total Depth of Boring = 56 ft. bgs

LEGEND ⟋⟋ Mercury detected at this depth

303509

MERCURY BORING_MERCURY.GPJ FEDERAL.GDT 7/5/02

MW-2D

303510

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-2D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-15-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 60
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
1		5 10 15 18	0 - 2	1.8 / 2.0	0.0	0.000		Lt yell-brn (10 YR 6/4), dry, sandy SILT.
3		32 24 22 18	2 - 4	2.0 / 2.0	0.0	0.000		Same as above with tr. gravel and cinder-like chunks, dry.
5		12 8 4 4	4 - 6	2.0 / 2.0	0.0	0.007		Various shades of brown SAND and SILT, dry, loose.
7		2 2 1 4	6 - 8	0.8 / 2.0	0.0	0.005		Same as above, trace metal shards/fragments, dry.
8		2 2 4 4	8 - 10	1.6 / 2.0	0.0	0.004		Black (burnt?) SAND and GRAVEL (cinder-like chunks), dry.
9								Yell-brn (10 YR 5/4), moist to wet, loose, well-sorted, vf to med SAND.
10								
11		10 7 3 4	10 - 12	0.6 / 2.0	0.0	0.000		Yell-brn (10 YR 5/4), wet, loose, v. well sorted, silty, vf SAND.
12								

Remarks:

Total Depth of Boring = 60 ft. bgs

LEGEND ▨ Mercury detected at this depth

303511

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-2D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-15-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 60
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
13	SBM-MW2D-A	4 3 1 1	12 - 14	2.0 / 2.0	0.0	0.000		Same as above.
14		2 2 3 4	14 - 16	1.0 / 2.0	0.0	0.002		Greyish-brn (2.5 Y 5/2), wet, loose, v. well sorted, silty vf SAND.
16	SBM-MW2D-B	5 5 4 6	16 - 18	2.0 / 2.0	0.0	0.007		Lt. olive-brn (2.5 Y 5/3), and brn (10 YR 5/3), wet, soft, SILT; bottom 5" are a silty clay with v. pale Brn. mottling.
18		2 2 5 5	18 - 20	1.9 / 2.0	0.0	0.004		Same as above.
20		3 2 2 2	20 - 22	2.0 / 2.0	0.0	0.003		Yell-brn (10 YR 5/4), wet, loose, silty, vf SAND.
22		1 3 3 3	22 - 24	2.0 / 2.0	0.0	0.006		Same as above.
24								Drk Yell-Brn (10 YR 4/4), wet, loose, v. well sorted, vf SAND.

Remarks:

Total Depth of Boring = 60 ft. bgs

LEGEND Mercury detected at this depth

303512

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-2D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-15-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 60
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
25		7 8 12 14	24 - 26	1.1 / 2.0	0.0	0.007		Same as above.
26		7 8 12 12	26 - 28	2.0 / 2.0	0.0	0.007		Same as above.
28		6 7 10 12	28 - 30	2.0 / 2.0	0.0	0.007		Same as above.
30		5 6 7 6	30 - 32	2.0 / 2.0	0.0	0.004		Same as above.
32		5 6 12 12	32 - 34	2.0 / 2.0	0.0	0.004		Same as above.
34		4 5 5 6	34 - 36	2.0 / 2.0	0.0	0.004		Same as above. Grey (10 YR 5/1), wet, soft, clayey SILT.
36								

Remarks:

Total Depth of Boring = 60 ft. bgs

LEGEND Mercury detected at this depth

303513

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-2D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-15-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 60
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
37		5 5 7 8	36 - 38	2.0 / 2.0	0.0	0.005		Same as above, with tr vf sand.
38		6 10 20 18	38 - 40	2.0 / 2.0	0.0	0.005		Greyish-Brn (10 YR 5/2), grading to grey (10 YR 5/1), wet, loose, v.well sorted, vf SAND.
40		4 4 5 5	40 - 42	1.2 / 2.0	0.0	0.006		Same as above.
42		4 5 6 6	42 - 44	1.9 / 2.0	0.0	0.000		Grey (10 YR 5/1), wet, soft, silty CLAY. Same as above.
44		5 6 8 8	44 - 46	2.0 / 2.0	0.0	0.000		Brn (10 YR 5/3), wet, loose, v.well sorted, silty SAND. Gry (10 YR 5/1), wet, soft, silty CLAY.
46		4 6 7 7	46 - 48	2.0 / 2.0	0.0	0.003		Gry-Brn (10 YR 5/2), wet, loose, v. well sorted, silty vf SAND with tr silty CLAY.
48								

Remarks:

Total Depth of Boring = 60 ft. bgs

LEGEND Mercury detected at this depth

303514

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-2D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-15-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 60
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
49		5 5 8 8	48 - 50	2.0 / 2.0	0.0	0.003		Same as above.
50		8 4 6 6	50 - 52	2.0 / 2.0	0.0	0.006		Grey (10 YR 5/1), wet, soft, silty CLAY. Grey (10 YR 5/1), wet, soft, clayey SILT.
52		8 11 12 12	52 - 54	2.0 / 2.0	0.0	0.003		Gry (10 YR 5/1), wet, hard, silty CLAY.
54		5 7 13 18	54 - 56	1.5 / 2.0	0.0	0.002		Same as above.
56		18 33 1/50 1/50	56 - 58	2.0 / 2.0	0.0	0.003		Gry (10 YR 5/1), moist, hard, SILT. A lens of hard gry CLAY about 5" thick in mid-interval.
58		7 10 14 18	58 - 60	1.3 / 2.0	0.0	0.000		Drk Gry (10 YR 4/1), moist, hard, CLAY.
60								

Remarks:

Total Depth of Boring = 60 ft. bgs

LEGEND Mercury detected at this depth

303515

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

MW-5D

303516

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-5D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-19-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
1		9 9 14 16	0 - 2	1.5 / 2.0	0.0	0.000		Brn (10 YR 4/3), moist, loose, v well sorted, SAND.
3		16 9 8 5	2 - 4	1.4 / 2.0	0.0	>.999		Yell.-brn (10 YR 5/6), moist, loose, v well sorted, SAND, small beads of Hg in bottom 6-8".
5	SBM-MW5D-B	3 2 2 2	4 - 6	2.0 / 2.0	0.0	>.999		Same as above, tr Hg visible.
7		4 4 4 3	6 - 8	1.8 / 2.0	0.0	0.835		Yell.-brn (10 YR 5/6), moist, soft, SILT, tr Hg visible.
9		3 2 3 5	8 - 10	1.3 / 2.0	0.0	0.467		Same as above, saturated at 9.8' bgs, tr Hg visible.
11	SBM-MW5D-A SBM-MW8D-A	3 3 3 5	10 - 12	2.0 / 2.0	0.0	0.340		Same as above, with beads of Hg throughout.

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303517

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-5D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-19-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
13		3 3 1 2	12 - 14	2.0 / 2.0	0.0	0.279		Drk Yell.-brn (10 YR 4/6), wet, soft, SILT, with tr Clay, Hg visible.
15		2 2 3 5	14 - 16	2.0 / 2.0	0.0	0.267		Various shades of brn, wet, soft, mixture of SAND, SILT and GRAVEL with tr clay, Hg visible.
17		4 4 3 4	16 - 18	1.2 / 2.0	0.0	0.496		Same as above, tr Hg visible.
19		3 2 2 1	18 - 20	1.5 / 2.0	0.0	0.098		Drk Yell.-brn (10 YR 4/4), wet, soft, vf sandy SILT, tr Hg visible.
21		3 1 1 1	20 - 22	2.0 / 2.0	0.0	0.064		Same as above, with tr gravel, tr Hg visible.
23		8 2 5 3	22 - 24	2.0 / 2.0	0.0	0.078		Drk Yell.-brn (10 YR 4/4). and dark gry (10 YR 4/1), wet, soft, silty vf SAND, tr Hg visible.

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303518

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-5D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-19-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
25		5 5 5 5	24 - 26	2.0 / 2.0	0.0	0.091		Drk gry (10 YR 4/1), wet, soft, SILT, tr Hg visible.
26		8 6 2 2	26 - 28	2.0 / 2.0	0.0	0.253		Same as above.
28		7 5 6 9	28 - 30	1.9 / 2.0	0.0	0.179		Same as above.
30		7 4 3 3	30 - 32	2.0 / 2.0	0.0	0.058		Same as above.
32		8 6 8 10	32 - 34	1.8 / 2.0	0.0	0.294		Drk grayish brn (10 YR 4/2), wet, soft, vf sandy SILT, tr Hg visible.
34		8 6 9 13	34 - 36	1.8 / 2.0	0.0	0.110		Brn (10 YR 4/3), wet, loose, v well sorted, silty vf-f SAND, tr Hg visible.
36								

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303519

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-5D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-19-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
37		7 9 11 16	36 - 38	1.6 / 2.0	0.0	0.303		Drk grayish brn (10 YR 4/2), wet, loose, v well sorted, SAND, tr Hg visible.
38		9 9 12 12	38 - 40	1.5 / 2.0	0.0	0.286		Same as above.
40		12 12 14 21	40 - 42	1.2 / 2.0	0.0	0.229		Same as above, bottom 4" is drk gry (10 YR 4/1), wet, hard, SILT with tr clayey silt.
42		9 10 11 11	42 - 44	1.4 / 2.0	0.0	0.072		Drk gry (10 YR 4/1), wet, hard, SILT, need 10X hand lense to see specks of Hg.
44		7 12 21 27	44 - 46	1.7 / 2.0	0.0	0.090		Drk gry (10 YR 4/1), wet, mod. dense, silty vf SAND, need 10X hand lense to see specks of Hg.
46		12 21 41 47	46 - 48	2.0 / 2.0	0.0	0.284		Same as above.
48								

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303520

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-5D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-19-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
49		17 26 36 41	48 - 50	2.0 / 2.0	0.0	0.082		Same as above.
50		12 23 31 37	50 - 52	2.0 / 2.0	0.0	0.126		Same as above.
52		18 28 38 46	52 - 54	2.0 / 2.0	0.0	0.494		Same as above.
54		7 5 5 7	54 - 56	1.7 / 2.0	0.0	0.226		Same as above, with tr clayey silt lenses.
56		8 11 16 24	56 - 58	2.0 / 2.0	0.0	0.173		Drk gry (10 YR 4/1), wet, hard, SILT; no longer seeing specks of Hg with hand lense.
58		5 12 12 34	58 - 60	2.0 / 2.0	0.0	0.181		Same as above, with tr clay.
60								

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303521

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-5D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-19-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
61		17 21 32 48	60 - 62	2.0 / 2.0	0.0	0.037		Same as above, with some vf sand.
62		22 40 43 49	62 - 64	2.0 / 2.0	0.0	0.029		Drk gry (10 YR 4/1), wet, hard, SILT with some clay.
64	SBM-MW5D-C	7 7 9 12	64 - 66	2.0 / 2.0	0.0	0.097		Same as above.
66								Drk gry (10 YR 4/1), moist, hard CLAY.
67			66 - 68	N / A				Same as above.
68								Same as above.
69			68 - 70	N / A				
70								
71								
72								

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303522

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

MW-6D

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-6D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-13-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 14
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
14 ▽		5 3 3 3	13 - 15	N / A	0.0	0.000		Brn silty and sandy SILT.
15								
16								
17								
18								
19								
20		5 6 8 10	20 - 22	N / A	0.0	0.010		Brn, v. fn, grained, SAND and sandy SILT.
21								
22								
23								
24								
25								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND ▨ Mercury detected at this depth

303524

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-6D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-13-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 14
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
26								
27								
28								
29								
30		7						Yell-brn, v. fn grained SAND.
31		8 10 15	30 - 32	N / A	0.0	0.006		
32								
33								
34								
35								
36								
37								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND Mercury detected at this depth

303525

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-6D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-13-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 14
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
38								
39								
40		10						Grey, v. fn grained SAND.
41		9	40 - 42	N / A	0.0	0.003		
42		8						
		8						
43								
44								
45								
46								
47								
48								
49								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND Mercury detected at this depth

303526

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-6D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-13-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 14
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
50								
51		11 9 16 32	50 - 52	N / A	0.0	0.005		Same as above.
52								
53								
54								
55								
56								
57								
58								
59								
60		7 11	60 - 62	N / A	0.0	0.004		Grey, CLAY, moist, hard; driller suspects that CLAY was hit between 55-60' bgs - will cease drilling and conduct gamma log.
61								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND Mercury detected at this depth

303527

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-6D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-13-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 14
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
62		12 17	60 - 62	N / A	0.0	0.004		
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND Mercury detected at this depth

303528

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

MW-7D

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-7D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-07-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 100
Depth to Initial Water Level (ft. bgs): 9
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
0		19	0 - 2	1.8 / 2.0	0.0	0.000		Asphalt and gravel.
1		23						Grayish SILT, SAND and GRAVEL.
		36						Yell-brn (10 YR 5/6), dry, mod. dense, v well sorted, f-m SAND with tr silt.
2		19						
		2	2 - 4	2.0 / 2.0	0.0	0.006		Drk grayish brn (10 YR 4/2), dry, loose, v poorly sorted, gravelly, silty SAND.
3		3						Yell-brn (10 YR 5/6), dry, loose, v well sorted, silty SAND.
		4						
4		2						
		5	4 - 6	2.0 / 2.0	0.0	0.006		Drk yell-brn (10 YR 4/4), dry, loose, mod. sorted, silty SAND with tr gravel.
5		5						
		7						Yell-brn (10 YR 5/6), dry, soft, v well sorted, SILT with tr vf sand.
6		5						
		6	6 - 8	1.4 / 2.0	0.0	0.000		Drk yell-brn (10 YR 4/6), dry, soft, SILT.
7		5						
		4						
8		3						
	MW-7D-A	4	8 - 10	2.0 / 2.0	0.0	0.006		Yell-brn (10 YR 5/6), moist to wet, soft, SILT.
9 ▽		2						
		2						
10		2						
		4	10 - 12	1.2 / 2.0	0.0	0.008		Yell-brn (10 YR 5/4), wet, soft, v well sorted, silty SAND.
11		2						
		2						
12		2						

Remarks:

Total Depth of Boring = 100 ft. bgs

303530

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-7D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-07-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 100
Depth to Initial Water Level (ft. bgs): 9
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
13		4 3 3 5	12 - 14	2.0 / 2.0	0.0	0.007		Same as above.
14		2 3 6 5	14 - 16	1.0 / 2.0	0.0	0.005		Yell-brn (10 YR 5/4), wet, soft, SILT.
16		9 8 8 7	16 - 18	2.0 / 2.0	0.0	0.000		Yell-brn (10 YR 5/4), wet, loose, silty, v. fn SAND.
18		7 6 5 4	18 - 20	1.5 / 2.0	0.0	0.005		Same as above.
20		3 3 3 3	20 - 22	1.7 / 2.0	0.0	0.002		Same as above.
22		3 2 2 2	22 - 24	2.0 / 2.0	0.0	0.006		Same as above with tr gravel up to 1.5" diameter.
24								

Remarks:

Total Depth of Boring = 100 ft. bgs

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

303531

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-7D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-07-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 100
Depth to Initial Water Level (ft. bgs): 9
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
25		4 3 2 2	24 - 26	1.5 / 2.0	0.0	0.007		Same as above with no gravel.
26		2 2 3 2	26 - 28	2.0 / 2.0	0.0	0.007		Same as above.
28		2 1 1 1	28 - 30	1.8 / 2.0	0.0	0.006		Same as above.
30		4 3 3 3	30 - 32	1.5 / 2.0	0.0	0.007		Same as above, except color is drk yell-brn (10 YR 4/4).
32		2 2 3 2	32 - 34	1.3 / 2.0	0.0	0.008		Same as above.
34		2 1 1 1	34 - 36	2.0 / 2.0	0.0	0.006		Same as above.
36								

Remarks:

Total Depth of Boring = 100 ft. bgs

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

303532

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-7D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-07-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 100
Depth to Initial Water Level (ft. bgs): 9
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
37		2 2 2 2	36 - 38	1.7 / 2.0	0.0	0.007		Same as above.
38		6 6 8 7	38 - 40	2.0 / 2.0	0.0	0.007		Same as above.
40		6 9 6 6	40 - 42	2.0 / 2.0	0.0	0.005		Same as above.
42		4 4 6 7	42 - 44	2.0 / 2.0	0.0	0.003		Same as above.
44		7 6 5 5	44 - 46	2.0 / 2.0	0.0	0.007		Same as above.
46		6 9 9 10	46 - 48	2.0 / 2.0	0.0	0.007		Same as above, except color changes to drk gry (10 YR 4/1) at 47' bgs.
48								

Remarks:

Total Depth of Boring = 100 ft. bgs

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

303533

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-7D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-07-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 100
Depth to Initial Water Level (ft. bgs): 9
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
49		20 23 7 7	48 - 50	2.0 / 2.0	0.0	0.003		Yell-brn (10 YR 5/4), moist to wet, mod. dense, v well sorted, silty SAND, vf grained, a lense of drk gry (10 YR 4/1) SAND at 49.5' bgs.
50		4 7 5 2	50 - 52	2.0 / 2.0	0.0	0.007		Yell-brn (10 YR 5/4), wet, loose, v well sorted, silty, v. fn SAND. Same as above, except SAND is mixed yell-brn (10 YR 5/4) and drk gry (10 YR 4/1).
52		4 7 6 6	52 - 54	2.0 / 2.0	0.0	0.008		Same as above, except color is yell-brn (10 YR 5/4). Same as above, except color is drk gry (10 YR 4/1).
54		14 12 10 10	54 - 56	2.0 / 2.0	0.0	0.003		Same as above, except color is yell-brn (10 YR 5/4). Gry (10 YR 5/1), moist, SILT and clayey SILT. Gry (10 YR 6/1), wet, hard, CLAY.
56		18 17 15 16	56 - 58	2.0 / 2.0	0.0	0.000		Yell-brn (10 YR 5/4), wet, loose, v. well sorted, silty SAND. Gry (10 YR 5/1), wet, hard, silty CLAY.
58		6 5 8 5	58 - 60	2.0 / 2.0	0.0	0.006		Drk gry (10 YR 4/1), moist, soft, CLAY.
60								

Remarks:

Total Depth of Boring = 100 ft. bgs

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

303534

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-7D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-07-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 100
Depth to Initial Water Level (ft. bgs): 9
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
61		6 10 13 16	60 - 62	0.8 / 2.0	0.0	0.010		Drk gry (10 YR 4/1), moist, hard, CLAY and silty CLAY.
62		16 31 34 36	62 - 64	1.0 / 2.0	0.0	0.010		Same as above.
64		6 7 7 8	64 - 66	0.5 / 2.0	0.0	0.009		Same as above, except silty CLAY is soft.
66		4 3 3 4	66 - 68	0.9 / 2.0	0.0	0.009		Drk gry (10 YR 4/1), moist to wet, soft, silty CLAY, with some lenses of silty sand at bottom of interval.
68		2 2 2 2	68 - 70	1.4 / 2.0	0.0	0.008		Yell-brn (10 YR 5/4), wet, loose, v well sorted, silty SAND with tr clay.
70		3 2 2 5	70 - 72	1.6 / 2.0	0.0	0.007		Drk gry (10 YR 4/1), wet, soft, silty CLAY. Gry (10 YR 5/1), wet, soft, silty, sandy CLAY. Gry (10 YR 5/1), wet, soft, silty CLAY.
72								

Remarks:

Total Depth of Boring = 100 ft. bgs

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

303535

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-7D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-07-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 100
Depth to Initial Water Level (ft. bgs): 9
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
73		12 16 18 20	72 - 74	2.0 / 2.0	0.0	0.008		Gry (10 YR 5/1), moist, hard, CLAY.
74		7 10 14 15	74 - 76	1.2 / 2.0	0.0	0.007		Same as above.
76		3 5 7 15	76 - 78	2.0 / 2.0	0.0	0.007		Same as above.
78		7 8 12 13	78 - 80	2.0 / 2.0	0.0	0.003		Same as above.
80		1 8 8 10	80 - 82	2.0 / 2.0	0.0	0.003		Same as above.
82		3 4 10 13	82 - 84	2.0 / 2.0	0.0	0.000		Same as above.
84								

Remarks:

Total Depth of Boring = 100 ft. bgs

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

303536

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-7D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-07-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 100
Depth to Initial Water Level (ft. bgs): 9
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
85		6 7 10 15	84 - 86	2.0 / 2.0	0.0	0.005		Same as above.
86		6 9 15 18	86 - 88	2.0 / 2.0	0.0	0.000		Same as above.
88		7 7 9 14	88 - 90	2.0 / 2.0	0.0	0.005		Same as above.
90		8 8 11 14	90 - 92	2.0 / 2.0	0.0	0.003		Same as above.
92		10 12 14 15	92 - 94	2.0 / 2.0	0.0	0.003		Same as above.
94		6 6 10 12	94 - 96	2.0 / 2.0	0.0	0.004		Same as above.
96								

Remarks:

Total Depth of Boring = 100 ft. bgs

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

303537

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-7D
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-07-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 100
Depth to Initial Water Level (ft. bgs): 9
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
97		14 20 25 27	96 - 98	2.0 / 2.0	0.0	0.005		Same as above.
98		10 14 15 25	98 - 100	2.0 / 2.0	0.0	0.004		Same as above.
99								
100								
101								
102								
103								
104								
105								
106								
107								
108								

Remarks:

Total Depth of Boring = 100 ft. bgs

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

303538

SDB-01

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-01
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-26-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
2	SBD-01-A	7 9 7 7	1 - 3	1.1 / 2.0	0.0	0.307		Yell-Brn (10 YR 5/6), moist, loose, v well sorted, f SAND, tr Hg visible.
4	SBD-01-B	6 2 4 4	3 - 5	2.0 / 2.0	0.0	0.379		Same as above.
6	SBD-01-C	6 5 5 5	5 - 7	1.5 / 2.0	0.0	0.389		Same as above, bottom 5" grades to SILT.
8	SBD-01-D	6 7 6 7	7 - 9	1.8 / 2.0	0.0	0.130		Yell-Brn (10 YR 5/4), moist, soft, vf sandy SILT.
10	SBD-01-E	4 3 3 4	9 - 11	2.0 / 2.0	0.0	0.065		Same as above, moist to wet about 10' bgs, tr Hg stil. present.
12	SBD-01-F SBD-07-A	3 3 3 4	11 - 13	1.4 / 2.0	0.0	0.094		Same as above, tr vf sand, tr Hg visible and often found in pockets of light gry SILT.

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND Mercury detected at this depth

303540

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-01
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-26-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
14		3 4	13 - 14	1.0 / 1.0	0.0	0.073		Same as above, no visible Hg.
15		2 3 3 2	14 - 16	2.0 / 2.0	0.0	0.047		Yell-Brn (10 YR 5/6), wet, soft, vf sandy SILT.
16	SBD-01-G	4 2 1 2	16 - 18	2.0 / 2.0	0.0	0.072		Drk Yell-Brn (10 YR 4/4), wet, loose, silty vf SAND, v well sorted, tr Hg visible.
18		2 2 1 1	18 - 20	2.0 / 2.0	0.0	0.021		Same as above, tr clayey SILT at 19' bgs, no Hg visible.
20		2 1 1 1	20 - 22	2.0 / 2.0	0.0	0.020		Same as above, no clayey SILT, tr Hg visible.
22		2 1 1 1	22 - 24	2.0 / 2.0	0.0	0.012		Drk Gry-Brn (10 YR 4/2), wet, loose, silty vf SAND, no Hg visible.
24		1 2	24 - 26	2.0 / 2.0	0.0	0.027		Drk gry (10 YR 4/1), wet, loose, v well sorted, silty vf SAND, no visible Hg.
25								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND Mercury detected at this depth

303541

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-01
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-26-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
26		3 4	24 - 26	2.0 / 2.0	0.0	0.027		
27		6 5 4 3	26 - 28	2.0 / 2.0	0.0	0.034		Same as above.
28		3 4 5 5	28 - 30	2.0 / 2.0	0.0	0.049		Drk gry (10 YR 4/1), wet, loose, v well sorted, SILT and SAND.
30		3 3 4 5	30 - 32	1.6 / 2.0	0.0	0.023		Same as above, no silt, all vf SAND.
32		4 4 5 6	32 - 34	2.0 / 2.0	0.0	0.037		Drk gry (10 YR 4/2), brn, wet, loose, v well sorted, vf SAND.
34		4 6 9 10	34 - 36	2.0 / 2.0	0.0	0.028		Drk gry (10 YR 4/1), wet, soft, SILT.
36		3 4	36 - 38	1.2 / 2.0	0.0	0.033		Brn (10 YR 4/3), wet, loose, v well sorted, vf SAND. Same as above.
37								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND ▨ Mercury detected at this depth

303542

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-01
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-26-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
		5 7	36 - 38	1.2 / 2.0	0.0	0.033		
38		5 10	38 - 40	1.3 / 2.0	0.0	0.049		Same as above.
39		8 15						
40		5 9	40 - 42	1.3 / 2.0	0.0	0.055		Same as above.
41		9 14						
42		5 7	42 - 44	1.1 / 2.0	0.0	0.057		Same as above.
43		9 13						
44		9 9	44 - 46	1.0 / 2.0	0.0	0.024		Same as above except drk gry (10 YR 4/1).
45		10 13						
46		7 7	46 - 48	1.1 / 2.0	0.0	0.022		Same as above except drk gry brn (10 YR 4/2).
47		10 13						
48		5 8	48 - 50	1.2 / 2.0	0.0	0.026		Same as above.
49								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND ▨ Mercury detected at this depth

303543

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-01
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-26-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
		9 12	48 - 50	1.2 / 2.0	0.0	0.026		
50		8 10 12 13	50 - 52	1.5 / 2.0	0.0	0.037		Same as above.
52		11 11 15 16	52 - 54	2.0 / 2.0	0.0	0.012		Same as above.
54		9 11 13 15	54 - 56	1.8 / 2.0	0.0	0.013		Drk gry (10 YR 4/1), wet, loose, v well sorted, silty vf SAND, with tr clay.
56		9 11 17 22	56 - 58	1.2 / 2.0	0.0	0.005		Same as above, no clay.
58		10 7 7 13	58 - 60	2.0 / 2.0	0.0	0.014		Drk gry (10 YR 4/1), wet, hard, silty CLAY and CLAY.
60		13 18	60 - 62	2.0 / 2.0	0.0	0.012		Drk gry (10 YR 4/1), wet, hard, CLAY with some lenses of silty CLAY.
61								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND ▨ Mercury detected at this depth

303544

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-01
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-26-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 62
Depth to Initial Water Level (ft. bgs): 10
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
62		20 24	60 - 62	2.0 / 2.0	0.0	0.012		
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								

Remarks:

Total Depth of Boring = 62 ft. bgs

LEGEND Mercury detected at this depth

303545

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

SBD-02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-02

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-27-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 13.3
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
1		5 6	0 - 2	1.0 / 2.0	0.0	> 0.999		Concrete. Yell brn (10 YR 5/6), dry, loose, well sorted, fine SAND; tr. Hg visible.
3	SBD-02-A	5 9 11 7	2 - 4	2.0 / 2.0	0.0	0.806		
5	SBD-02-B	4 5 5 4	4 - 6	1.2 / 2.0	0.0	> 0.999		
7	SBD-02-C	4 4 4 5	6 - 8	1.7 / 2.0	0.0	0.730		Same as above.
9	SBD-02-D	4 4 4 6	8 - 10	1.9 / 2.0	0.0	0.577		
11	SBD-02-E	4 5 5 7	10 - 12	2.0 / 2.0	0.0	0.517		Color ranges from yell-brn (10 YR 5/6) to dark yell-brn (10 YR 4/4), moist, loose, well sorted SAND; tr. Hg visible.
12	SBD-02-F	9 9 11 10	12 - 14	2.0 / 2.0	0.0	0.016		Yell-brn (10 YR 5/4), moist to wet, loose, well sorted SAND; a 3-inch section of black sand (organic material) is visible; no Hg visible.
15		1 1 1 2	14 - 16	2.0 / 2.0	0.0	0.011		Olive brown (2.5 Y 4/3), wet, loose, very well sorted, silty fine SAND; no Hg visible.
17	SBD-02-G	3 3 3 6	16 - 18	2.0 / 2.0	0.0	0.058		Olive grey (5 Y 5/2), soft, wet, silty CLAY.
19		9 6 6 5	18 - 20	2.0 / 2.0	0.0	0.027		Same as above; clay is mottled olive (5 Y 5/2) and grey (5 Y 5/1); no Hg visible.

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303547

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-02

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-27-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 13.3
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
21		2 1 1 2	20 - 22	2.0 / 2.0	0.0	0.014		Same as above. Olive (5 Y 5/3), wet, soft, SILT.
23		3 3 3 6	22 - 24	2.0 / 2.0	0.0	0.016		Brown (10 YR 5/3) and dark yell-brn (10 YR 4/4), wet, soft, clayey SILT and SILT.
25		4 5 7 9	24 - 26	2.0 / 2.0	0.0	0.030		Dark grey (5 Y 4/1), wet, loose, very well sorted, very fine SAND.
27		5 5 6 8	26 - 28	2.0 / 2.0	0.0	0.018		Olive grey (5 Y 4/2), wet, loose, well sorted, very fine to fine SAND; no Hg visible.
29		6 8 12 13	28 - 30	2.0 / 2.0	0.0	0.025		Same as above, except dark greyish-brn (10 YR 4/2).
31		6 8 12 13	30 - 32	1.8 / 2.0	0.0	0.030		Same as above, except color is brown (10 YR 4/3).
33		8 7 11 13	32 - 34	1.6 / 2.0	0.0	0.021		
35		9 11 13 14	34 - 36	1.2 / 2.0	0.0	0.011		
37		9 11 14 19	36 - 38	2.0 / 2.0	0.0	0.009		Dark grey-brn (2.5 Y 4/2), wet, loose, very well sorted, very fine SAND.
39		8 9 10 13	38 - 40	1.5 / 2.0	0.0	0.020		Same as above, except color is dark grey-brn (10 YR 4/2).

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303548

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-02

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-27-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 13.3
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
41		5 7 8 12	40 - 42	2.0 / 2.0	0.0	0.018		Same as above.
42		10 11 13 16	42 - 44	2.0 / 2.0	0.0	0.026		
44		3 4 5 7	44 - 46	1.9 / 2.0	0.0	0.031		
46		4 6 6 8	46 - 48	2.0 / 2.0	0.0	0.024		
48		5 5 6 8	48 - 50	2.0 / 2.0	0.0	0.007		Dark grey (5 Y 4/1), wet, loose, very well sorted, silty v. fine SAND. Dark grey (5 Y 4/1), wet, soft, SILT with some v. fine sand.
50		5 5 5 8	50 - 52	1.8 / 2.0	0.0	0.012		
52		5 6 9 10	52 - 54	2.0 / 2.0	0.0	0.010		
54		4 6 7 7	54 - 56	1.8 / 2.0	0.0	0.019		
56		6 7 7 9	56 - 58	2.0 / 2.0	0.0	0.009		Same as above, except hard.
58		5 7 12 25	58 - 60	2.0 / 2.0	0.0	0.011		
60								

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303549

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-02

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-27-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 70
Depth to Initial Water Level (ft. bgs): 13.3
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
61		5 9 11 13	60 - 62	2.0 / 2.0	0.0	0.008		Dark grey (5 Y 4/1), wet, hard. SILT.
63		9 13 17 26	62 - 64	2.0 / 2.0	0.0	0.016		
65		9 13 20 22	64 - 66	2.0 / 2.0	0.0	0.020		
67		15 20 24 31	66 - 68	2.0 / 2.0	0.0	0.003		Dark grey (2.5 Y 4/1), wet, hard, silty CLAY and CLAY.
69		13 22 31 31	68 - 70	2.0 / 2.0	0.0	0.007		Same as above, except only CLAY.

Remarks:

Total Depth of Boring = 70 ft. bgs

LEGEND Mercury detected at this depth

303550

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/5/02

SBD-03

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-03
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-04-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 68
Depth to Initial Water Level (ft. bgs): 13
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
1		10 22 N/A	0 - 2	1.0 / 2.0	0.0	0.003		Concrete slab. SILT, SAND and GRAVEL; Yell-brn SAND bottom 1-in.
2	SBD-03-A	15 20 17 13	2 - 4	1.0 / 2.0	0.0	0.007		Drk Yell-brn (10 YR 4/6), dry, loose, v well sorted, vf-f SAND.
4		10 6 5 5	4 - 6	0.0 / 2.0	0.0	NR		No recovery.
6		10 6 6 5	6 - 8	0.0 / 2.0	0.0	NR		No recovery.
8	SBD-03-B	7 7 8 4	8 - 10	2.0 / 2.0	0.0	0.003		Yell-brn (10 YR 5/6), dry, loose, v well sorted, f SAND. Drk Yell-brn (10 YR 4/4), dry, soft, SILT with gry mottling.
10	SBD-03-C	6 7 8 8	10 - 12	2.0 / 2.0	0.0	0.000		Same as above, some lenses of yell-brn vf-f SAND.
12								

Remarks: NR = not recorded

Total Depth of Boring = 68 ft. bgs

LEGEND ▨ Mercury detected at this depth

303552

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-03
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-04-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 68
Depth to Initial Water Level (ft. bgs): 13
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
13		4 6 6 7	12 - 14	1.0 / 2.0	0.0	0.003		Drk Yell-brn (10 YR 3/4), wet, loose, v well sorted, silty SAND.
14		7 6 6 7	14 - 16	2.0 / 2.0	0.0	0.005		Same as above, with light and drk gry mottling.
16		7 6 7 8	16 - 18	2.0 / 2.0	0.0	0.000		Brn (10 YR 4/3), wet, loose, v well sorted, silty SAND.
18		7 7 7 7	18 - 20	2.0 / 2.0	0.0	0.004		Same as above.
20		2 2 2 2	20 - 22	2.0 / 2.0	0.0	0.000		Same as above. Brn (10 YR 4/3), wet, loose, v well sorted, vf SAND.
22		2 4 5 6	22 - 24	2.0 / 2.0	0.0	0.000		Same as above. Drk gry (10 YR 4/1), wet, soft, silty vf SAND.
24								

Remarks: NR = not recorded

Total Depth of Boring = 68 ft. bgs

LEGEND Mercury detected at this depth

303553

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-03
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-04-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 68
Depth to Initial Water Level (ft. bgs): 13
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
25		11 13 5 6	24 - 26	2.0 / 2.0	0.0	0.003		Same as above, except color is gry (10 YR 4/1).
26		9 11 13 14	26 - 28	2.0 / 2.0	0.0	0.002		Same as above.
28		8 8 9 11	28 - 30	2.0 / 2.0	0.0	0.000		Yell-brn (10 YR 5/4), wet, loose, v well sorted, vf SAND.
30		8 10 11 18	30 - 32	2.0 / 2.0	0.0	0.003		Brn (10 YR 4/3), wet, loose, v well sorted, vf-f SAND.
32		11 11 18 14	32 - 34	2.0 / 2.0	0.0	0.000		Same as above.
34		11 16 24 24	34 - 36	2.0 / 2.0	0.0	0.004		Same as above, except SAND is mod. dense.
36								

Remarks: NR = not recorded

Total Depth of Boring = 68 ft. bgs

LEGEND Mercury detected at this depth

303554

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-03
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-04-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 68
Depth to Initial Water Level (ft. bgs): 13
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
37		12 22 22 27	36 - 38	2.0 / 2.0	0.0	0.005		Same as above.
38		19 23 14 16	38 - 40	1.1 / 2.0	0.0	0.004		Same as above.
40	SBD-03-C	17 13 18 23	40 - 42	1.3 / 2.0	0.0	0.009		Same as above.
42		13 15 21 27	42 - 44	1.9 / 2.0	0.0	0.004		Same as above, bottom 4-in is drk gry brn (10 YR 4/2).
44		8 8 10 11	44 - 46	1.8 / 2.0	0.0	0.003		Same as above, color is brn (10 YR 4/3).
46		9 9 10 14	46 - 48	2.0 / 2.0	0.0	0.000		Same as above.
48								Drk gry (10 YR 4/1), wet, hard, SILT with tr vf sand.

Remarks: NR = not recorded

Total Depth of Boring = 68 ft. bgs

LEGEND Mercury detected at this depth

303555

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-03
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-04-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 68
Depth to Initial Water Level (ft. bgs): 13
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
49		12 12 14 19	48 - 50	2.0 / 2.0	0.0	0.000		Drk gry brn (10 YR 4/2), wet, soft, v well sorted, SAND and SILT.
50		10 14 22 29	50 - 52	2.0 / 2.0	0.0	0.000		Same as above, except silty vf SAND.
52		10 12 13 16	52 - 54	2.0 / 2.0	0.0	0.000		Same as above.
54		10 12 18 25	54 - 56	2.0 / 2.0	0.0	0.000		Same as above.
56		17 16 19 26	56 - 58	2.0 / 2.0	0.0	0.000		Same as above.
58		14 15 21 30	58 - 60	2.0 / 2.0	0.0	0.000		Gry brn (10 YR 5/2), wet, hard, SILT. Same as above, except clayey SILT with some vf sand lenses.
60								

Remarks: NR = not recorded

Total Depth of Boring = 68 ft. bgs

LEGEND Mercury detected at this depth

303556

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-03
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-04-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 68
Depth to Initial Water Level (ft. bgs): 13
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
61		8 6 11 17	60 - 62	2.0 / 2.0	0.0	0.002		Same as above.
62		14 9 7 13	62 - 64	2.0 / 2.0	0.0	0.000		Drk gry brn (10 YR 4/2), wet, hard, clayey SILT.
64		20 21 16 21	64 - 66	2.0 / 2.0	0.0	0.003		Same as above, except color is drk gry (10 YR 4/1), bottom 2-in is CLAY.
66		11 12 14 14	66 - 68	2.0 / 2.0	0.0	0.000		Drk gry (10 YR 4/1), wet, hard, CLAY.
68								
69								
70								
71								
72								

Remarks: NR = not recorded

Total Depth of Boring = 68 ft. bgs

LEGEND ▨ Mercury detected at this depth

303557

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

SBD-04

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-04
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-05-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 66
Depth to Initial Water Level (ft. bgs): 11
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
								Concrete slab.
1	SBD-04-A	6 6 4	0.5 - 2	1.2 / 1.5	0.0	0.024		Brn (10 YR 4/3), dry, loose, v well sorted, f SAND.
2								
3	SBD-04-B	5 11 12 11	2 - 4	2.0 / 2.0	0.0	0.008		Same as above, drk yell-brn (10 YR 4/6).
4								
5	SBD-04-C	6 6 4 4	4 - 6	2.0 / 2.0	0.0	0.006		Same as above.
6								
7	SBD-04-D	4 5 6 7	6 - 8	2.0 / 2.0	0.0	0.018		Same as above, SAND is vf-f grained.
8								
9	SBD-04-E	8 8 8 8	8 - 10	2.0 / 2.0	0.0	0.017		Same as above.
10								
11	SBD-04-F	3 3 4 4	10 - 12	2.0 / 2.0	0.0	0.015		Drk Yell-brn (10 YR 4/4), moist to wet, loose, v well sorted, vf-f SAND.
12								

Remarks:

Total Depth of Boring = 66 ft. bgs

LEGEND Mercury detected at this depth

303559

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-04
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-05-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 66
Depth to Initial Water Level (ft. bgs): 11
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
13		5 5 5 11	12 - 14	1.8 / 2.0	0.0	0.012		Same as above, 3-in sand and gravel layer at bottom of interval.
14		20 10 7 7	14 - 16	2.0 / 2.0	0.0	0.006		Same as above, SAND transitions to drk gry brn (10 YR 4/2) in bottom 6-in.
16	SBD-04-G	4 4 5 6	16 - 18	2.0 / 2.0	0.0	0.029		Drk gry brn (10 YR 4/2), wet, loose, v well sorted, vf-f SAND.
18		3 3 4 4	18 - 20	2.0 / 2.0	0.0	0.010		Same as above, 4-in layer of organic material (roots) around 19.5' bgs.
20		4 5 5 7	20 - 22	1.9 / 2.0	0.0	0.007		Same as above, with organic material throughout interval.
22		6 5 4 3	22 - 24	2.0 / 2.0	0.0	0.005		Gry (10 YR 5/1), wet, soft, SILT. Same as above, SILT has tr vf sand.
24								

Remarks:

Total Depth of Boring = 66 ft. bgs

LEGEND ▨ Mercury detected at this depth

303560

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-04
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-05-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 66
Depth to Initial Water Level (ft. bgs): 11
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
25		5 2 2 2	24 - 26	2.0 / 2.0	0.0	0.009		Same as above.
26		2 2 3 4	26 - 28	2.0 / 2.0	0.0	0.007		Drk gry (10 YR 4/1), wet, soft, SILT with tr vf sand.
28		6 6 6 6	28 - 30	2.0 / 2.0	0.0	0.005		Drk gry (10 YR 4/1), wet, soft, SILT and vf SAND.
30		13 17 21 21	30 - 32	2.0 / 2.0	0.0	0.013		Same as above.
32		14 17 22 22	32 - 34	2.0 / 2.0	0.0	0.006		Drk gry brn (10 YR 4/2), wet, mod. dense, v well sorted, vf SAND. Same as above.
34		13 15 15 18	34 - 36	2.0 / 2.0	0.0	0.006		Same as above, SAND is loose.
36								

Remarks:

Total Depth of Boring = 66 ft. bgs

LEGEND Mercury detected at this depth

303561

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-04
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-05-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 66
Depth to Initial Water Level (ft. bgs): 11
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
37		8 9 12 14	36 - 38	2.0 / 2.0	0.0	0.005		Same as above.
38		18 18 21 22	38 - 40	1.8 / 2.0	0.0	0.004		Brn (10 YR 4/2), wet, mod. dense, v well sorted, vf SAND.
40		6 8 11 14	40 - 42	1.0 / 2.0	0.0	0.018		Same as above, loose.
42		13 13 17 14	42 - 44	1.9 / 2.0	0.0	0.008		Same as above.
44		16 20 26 26	44 - 46	1.7 / 2.0	0.0	0.012		Same as above, mod. dense.
46		18 14 22 24	46 - 48	1.3 / 2.0	0.0	0.000		Same as above.
48								

Remarks:

Total Depth of Boring = 66 ft. bgs

LEGEND Mercury detected at this depth

303562

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-04
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-05-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 66
Depth to Initial Water Level (ft. bgs): 11
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
49		8 9 11 18	48 - 50	1.8 / 2.0	0.0	0.000		Same as above, color changes to drk gry brn (10 YR 4/2).
50		10 10 10 12	50 - 52	1.2 / 2.0	0.0	0.000		Drk gry brn (10 YR 4/2), wet, loose, v well sorted, vf SAND.
52		6 9 11 12	52 - 54	2.0 / 2.0	0.0	0.000		Same as above, color changes to brn (10 YR 4/3) at 53' bgs.
54		4 6 7 9	54 - 56	2.0 / 2.0	0.0	0.000		Same as above.
56		7 8 11 14	56 - 58	2.0 / 2.0	0.0	0.000		Drk gry brn (10 YR 4/2), wet, hard, SILT with tr clay.
58		16 12 11 11	58 - 60	2.0 / 2.0	0.0	0.000		Same as above.
60								Same as above.

Remarks:

Total Depth of Boring = 66 ft. bgs

LEGEND ▨ Mercury detected at this depth

303563

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBD-04
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-05-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 66
Depth to Initial Water Level (ft. bgs): 11
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
61		14 15 17 23	60 - 62	2.0 / 2.0	0.0	0.000		Same as above.
62		5 6 7 11	62 - 64	1.9 / 2.0	0.0	0.000		Same as above, except SILT and CLAY.
63								Drk gry (10 YR 4/1), wet, hard, CLAY.
64		9 11 13 13	64 - 66	2.0 / 2.0	0.0	0.000		Same as above.
65								
66								
67								
68								
69								
70								
71								
72								

Remarks:

Total Depth of Boring = 66 ft. bgs

LEGEND Mercury detected at this depth

303564

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/3/02

Water Table Borings
SBW-01 through SBW-06

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBW-01
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Split Spoon
Sample Method: Split Spoon
Drilling Date: 11-30-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 12
Depth to Initial Water Level (ft. bgs): 8.5
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
0	SBW-01-0-2	8 9 9 10	0 - 2	1.8 / 2.0	0.0	0.007		Topsoil and gravel. Yell-brn (10 YR 5/6), dry, loose, v. well sorted, v. fn to fn SAND.
2	SBW-01-2-4	9 8 8 7	2 - 4	2.0 / 2.0	0.0	0.003		Yell-brn (10 YR 5/4), moist, loose, v. well sorted, fn to med SAND.
4	SBW-01-4-6	9 9 8 8	4 - 6	1.9 / 2.0	0.0	0.004		Same as above.
6	SBW-01-6-8	6 7 9 11	6 - 8	1.5 / 2.0	0.0	0.003		Yell-brn (10 YR 5/4), moist, loose, v. well sorted, silty v. fn SAND. Same as above.
8 ▽	SBW-01-8-10	3 3 3 4	8 - 10	1.5 / 1.5	0.0	0.003		Yell-brn (10 YR 5/6), wet, soft, SILT.
10			10 - 12	N / A				Did not log last 2' spoon.
12								

Remarks:

Total Depth of Boring = 12 ft. bgs

LEGEND ▨ Mercury detected at this depth

303566

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBW-02

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-06-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 10
Depth to Initial Water Level (ft. bgs): 9.8
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
0	SBW-02-0-2	8 7 6 6	0 - 2	1.5 / 2.0	0.0	0.000		Topsoil and gravel. Yell-brn (10 YR 5/6), dry, loose, very well sorted, fine SAND.
2	SBW-02-2-4	6 6 5 6	2 - 4	2.0 / 2.0	0.0	0.000		
4	SBW-02-4-6	7 7 6 6	4 - 6	1.7 / 2.0	0.0	0.005		Yell-brn (10 YR 5/6), dry, loose, very fine SAND and SILT.
6	SBW-02-6-8	7 6 6 7	6 - 8	1.6 / 2.0	0.0	0.000		Same as above.
8	SBW-02-8-10	3 3 4 3	8 - 10	N / A	N/A	N/A		
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Remarks:

Total Depth of Boring = 10 ft. bgs

LEGEND Mercury detected at this depth

303567

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/4/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBW-03
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Split Spoon
Sample Method: Split Spoon
Drilling Date: 11-30-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 10
Depth to Initial Water Level (ft. bgs): 8
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
0	SBW-03-0-2	5 9 7 8	0 - 2	2.0 / 2.0	0.0	0.007		Drk gry brn (2.5 Y 4/2), SAND with some gravel.
1								Yell-brn (10 YR 5/6), dry, loose, v. well sorted, fn SAND.
2	SBW-03-2-4	5 7 5 7	2 - 4	1.6 / 2.0	0.0	0.005		Yell-brn (10 YR 5/6), dry, loose, v. well sorted, v. fn to fn SAND.
3								
4	SBW-03-4-6	5 6 5 5	4 - 6	1.7 / 2.0	0.0	0.004		Same as above.
5								
6	SBW-03-6-8	5 4 4 4	6 - 8	2.0 / 2.0	0.0	0.004		Same as above. Yell-brn (10 YR 5/6), moist to wet, soft, silty CLAY.
7								
8 ▽	SBW-03-8-10	6 5 5 6	8 - 10	1.9 / 2.0	0.0	0.003		Same as above, light gry mottling in CLAY.
9								
10								Yell-brn (10 YR 5/6), wet, loose, v. well sorted, v. fn to fn SAND.
11								
12								

Remarks:

Total Depth of Boring = 10 ft. bgs

LEGEND ▨ Mercury detected at this depth

303568

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBW-04

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 12-06-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 8
Depth to Initial Water Level (ft. bgs): 7.5
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
1	SBW-04-0-2	15 14 8 8	0 - 2	1.5 / 2.0	0.0	0.003		GRAVEL, SAND and SILT.
2								Dark yell-brn (10 YR 4/4), dry, loose, well sorted, fine SAND.
3	SBW-04-2-4	8 7 7 7	2 - 4	2.0 / 2.0	0.0	0.000		
4								
5	SBW-04-4-6	8 6 4 4	4 - 6	2.0 / 2.0	0.0	0.000		Same as above, except SAND is very fine to fine.
6								
7	SBW-04-6-8	8 7 5 5	6 - 8	2.0 / 2.0	0.0	0.000		Yell-brn (10 YR 5/4), moist to wet, soft, very fine SAND and SILT; some grey mottling.
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Remarks:

Total Depth of Boring = 8 ft. bgs

LEGEND Mercury detected at this depth

303569

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/4/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBW-05
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-06-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 11
Depth to Initial Water Level (ft. bgs): 9.5
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
								Asphalt.
1		25 23 38 21	0 - 2	1.1 / 2.0	0.0	0.043		Brn (10 YR 4/3), dry, mod. dense, v. poorly sorted, f-c SAND; few gravel up to 1" diam, tr bluish metal corroded fragments (FILL).
2								Drk yell-brn (10 YR 4/4), dry, mod. dense, v. well sorted, SAND.
3		13 11 8 4	2 - 4	1.5 / 2.0	0.0	0.010		Yell-brn (10 YR 5/4), dry, loose, v. well sorted, f-c SAND, with tr gravel up to 3/4" in diameter.
4								
5		2 2 3 3	4 - 6	1.5 / 2.0	0.0	0.000		Same as above, except no gravel.
6								
7		4 4 3 6	6 - 8	1.3 / 2.0	0.0	0.010		Same as above, with tr drk reddish-brn sand; one large thin metal fragment that is 2" in diameter.
8								
9			8 - 9	N / A				VOID at 8-9' bgs (no recovery).
10		5 4 3 2	9 - 11	1.7 / 2.0	0.0	0.000		9.0-9.6' bgs is same as above, w/some silt; 9.6-11.0' bgs is yell-brn (10 YR 5/6), moist to wet, soft, silty CLAY.
11								
12								

Remarks: Encountered water at 9.5' bgs, but no recovery; pushed spoon 10-12' bgs and also obtained no recovery (may be pushing a cobble down). Offset hole ~1.5 feet and augered from 0-8 feet; encountered void from 8-9' bgs; pushed a spoon from 9-11' bgs in order to get enough sample volume.

Total Depth of Boring = 11 ft. bgs

LEGEND Mercury detected at this depth

303570

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBW-06
Boring Location:

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Hollow Stem Auger
Sample Method: Split Spoon
Drilling Date: 11-06-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 12
Depth to Initial Water Level (ft. bgs): 11.5
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
								Asphalt.
1	SBW-06-0-2	22 11 10 7	0 - 2	1.5 / 2.0	0.0	0.000		Very drk greyish-brn (10 YR 3/2), dry, loose, v. poorly sorted, f-c silty SAND, few f-c gravel (FILL).
2								Yell-brn (10 YR 5/6), dry, soft, v. well sorted, v. fine to med SAND, with few drk brn lenses.
3	SBW-06-2-4	6 4 3 3	2 - 4	2.0 / 2.0	0.0	0.000		Yell-brn (10 YR 5/6), dry, soft, v. well sorted, f-c SAND, few f-c gravel; few chunks of cinder-like (burnt?) material and some is crushed or powdered throughout interval.
4								
5	SBW-06-4-6	3 3 3 3	4 - 6	1.3 / 2.0	0.0	0.000		Same as above, except bottom 4-in is silty SAND.
6								
7	SBW-06-6-8	3 4 5 3	6 - 8	1.5 / 2.0	0.0	0.004		Yell-brn (10 YR 5/6), dry, loose, v. well sorted, v. fn to fn SAND.
8								
9	SBW-06-8-10	4 4 3 4	8 - 10	1.4 / 2.0	0.0	0.009		Same as above.
10								
11	SBW-06-10-12	4 5 4 3	10 - 12	1.7 / 2.0	0.0	0.004		Same as above, with tr lenses of drk reddish-brn sand.
12								At 11.5' bgs: Yell-brn (10 YR 4/4) and v. drk greyish brn (10 YR 3/2), wet, loose, v. well sorted, clayey, silty SAND; trace nodules up to 3/4" in diameter w/possible slight creosote odor.

Remarks:

Total Depth of Boring = 12 ft. bgs

LEGEND Mercury detected at this depth

303571

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 7/5/02

Shallow Soil Borings
SBS-01 through SBS-05

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBS-01

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Split Spoon
Sample Method: Split Spoon
Drilling Date: 12-06-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 4.5
Depth to Initial Water Level (ft. bgs): None
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
								Asphalt.
1–2	SBS-01-0-2	10 8 9 9	0.5 - 2.5	2.0 / 2.0	0.0	0.016		Very dark grey-brn (10 YR 3/2) to yell-brn (10 YR 5/6), dry to slightly moist, loose, very well sorted, fine SAND.
3–4	SBS-01-2-4	6 8 8 8	2.5 - 4.5	2.0 / 2.0	0.0	0.000		Yell-brn (10 YR 5/6), dry, loose, very well sorted, very fine to fine SAND.
5–20								

Remarks:

Total Depth of Boring = 4.5 ft. bgs

LEGEND Mercury detected at this depth

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/4/02

303573

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBS-02

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Split Spoon
Sample Method: Split Spoon
Drilling Date: 12-06-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 4.5
Depth to Initial Water Level (ft. bgs): None
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
								Asphalt.
1–2	SBS-02-0-2	11 12 13 12	0.5 - 2.5	2.0 / 2.0	0.0	0.014		Very dark grey-brn (10 YR 3/2) to yell-brn (10 YR 5/6), dry, loose, very well sorted, very fine to fine SAND.
3–4	SBS-02-2-4	6 7 6 11	2.5 - 4.5	N / A	N/A	N/A		Yell-brn (10 YR 5/4), slightly moist, loose, very well sorted, very fine to fine SAND and SILT.
5–20								

Remarks:

Total Depth of Boring = 4.5 ft. bgs

LEGEND Mercury detected at this depth

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/4/02

303574

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBS-03

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Split Spoon
Sample Method: Split Spoon
Drilling Date: 12-06-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 4.5
Depth to Initial Water Level (ft. bgs): None
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
								Asphalt.
1	SBS-03-0-2	12 11 8 9	0.5 - 2.5	1.6 / 2.0	0.0	0.013		Brown (10 YR 4/3), dry to moist, loose, very well sorted SAND.
2								
3	SBS-03-2-4	5 6 7 8	2.5 - 4.5	N / A	N/A	N/A		Same as above, except yell-brn (10 YR 5/6).
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Remarks:

Total Depth of Boring = 4.5 ft. bgs

LEGEND Mercury detected at this depth

303575

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/4/02

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBS-04

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Split Spoon
Sample Method: Split Spoon
Drilling Date: 12-06-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 4.5
Depth to Initial Water Level (ft. bgs): None
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
								Asphalt.
1	SBS-04-0-2	15 11 10 9	0.5 - 2.5	2.0 / 2.0	0.0	0.000		3-in of gravel. Dark yell-brn (10 YR 4/4), dry, loose, very well sorted, fine SAND.
2								
3	SBS-04-2-4	7 6 4 4	2.5 - 4.5	2.0 / 2.0	0.0	0.000		Yell-brn (10 YR 5/6), dry to slightly moist, loose, very well sorted, very fine SAND and SILT.
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Remarks:

Total Depth of Boring = 4.5 ft. bgs

LEGEND Mercury detected at this depth

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/4/02

303576

CDM
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: SBS-05

Client: U.S. Environmental Protection Agency
Project Location: Colonie, NY

Project Name: Mercury Refining Site
Project Number: 3220-040

Drilling Contractor: Uni-Tech Drilling Co.
Drilling Method: Split Spoon
Sample Method: Split Spoon
Drilling Date: 12-06-01
North: **East:**

Surface Elevation (ft. above msl):
Total Depth (ft. bgs): 4.7
Depth to Initial Water Level (ft. bgs): None
Logged by: T. Thornburgh

Depth (ft. bgs)	Sample Number	Blows per 6 Inches	Sample Interval (feet)	Recovery (feet)	HNu Reading (ppm)	Mercury Vapor (mg/m3)	Graphic Log	Material Description
								Concrete.
1–2	SBS-05-0-2	12 13 17 22	0.7 - 2.7	1.1 / 2.0	0.0	0.021		Very dark grey-brn (10 YR 3/2), moist, loose, well sorted, very fine to fine SAND.
3–4	SBS-05-2-4	14 15 18 16	2.7 - 4.7	1.2 / 2.0	0.0	0.003		Yell-brn (10 YR 5/4), dry to moist, loose, very well sorted SAND.
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Remarks:

Total Depth of Boring = 4.7 ft. bgs

LEGEND Mercury detected at this depth

303577

MERCURY BORING MERCURY.GPJ FEDERAL.GDT 9/4/02

Appendix H

303578

Appendix H

Low-Flow Groundwater Sampling Sheets

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/17/01 WELL #: HW-7S

TIME: 1130 DEPTH OF PUMP: 18.5 ft.

WEATHER CONDITIONS: 20's, Freezing Rain SAMPLERS: A. Carusa K. Mulvery

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1140 Begin Purging		10.95	375							
1210 Stopped Pumping / generator problems					→ see logbook					
1315 Begin Purging again										
1320		11.08	325		6.60	2.51	19.8	5.51	14.4	167
1331		11.10	475		6.58	2.21	14.4	4.95	15.0	162
1350		11.11	275		6.65	1.98	10.8	4.50	15.1	161
1404		11.06	325		6.69	1.89	10.4	4.56	14.7	156
1414		11.04	350		6.70	1.88	10.5	4.43	14.6	155
1420 Sampled well										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

303580

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/17/01 WELL #: MW-7D

TIME: 1610 DEPTH OF PUMP: 45ft.

WEATHER CONDITIONS: 20's, raining, cold SAMPLERS: A. Caruso, K. Mulvey

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1610	Begin Purging 11.21		275							
1615	Ran out of Gas for Generator				7.54	0.594				
1635	Begin Purging again		475		7.61					
1640		11.32	475		7.62	0.605	27.9	1.55	11.7	101
1652		11.32	350		7.59	0.608	33.1	0.48	13.2	74
1700		11.26	400		7.64	0.618	27.8	1.15	12.7	71
1715		11.27	425		7.63	0.616	29.0	0.34	13.2	64
1725	Collected Sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

303581

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/18/01 WELL #: OW-35

TIME: 0925 DEPTH OF PUMP: 19 ft.

WEATHER CONDITIONS: 30's, raining SAMPLERS: A. Caruso, K. Mulvey

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0945 Begin Purging		14.56	225							
0953		15.19	250	1.5 ac	5.91	0.510	999	4.19	10.6	238
1005 Stopped Purging; Generator problems, See Logbook										
1235		17.33	500		6.44	.804	141	0.0	15	138
1240		17.35	500		6.45	.803	102	0.0	15.1	136
1245		@ 17.32 & ~~17.20~~	500		6.46	.803	80	0.0	14.9	134
1250		17.35	500		6.48	.802	85	0.0	15.0	133
1255		17.34	500		6.50	.801	84	0.0	15.0	130
1306		17.32	500		6.53	.799	48.5	0.0	15.0	127
1312		17.36	500		6.54	.798	44.5	0.0	15.0	126
1320		~~17.36~~ @ 17.36	500		6.54	.797	38.9	0.0	15.0	125
1325 Collected Sample										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

303582

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/18/01 WELL #: OW-45

TIME: 1450 DEPTH OF PUMP: 17 ft

WEATHER CONDITIONS: Partly Cloudy, Low 30's SAMPLERS: Caruso, Mulvey, Kleridas

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1505	Began Purging	12.37	200							
1516		12.64	225		6.36	1.14	10.8	0.83	11.2	-12
1525		12.75	225		6.33	1.12	6.2	0.45	13.3	-14
1534		12.74	225		6.33	1.14	4.7	0.24	13.8	-15
1539		12.22			6.36	1.13	5.3	0.00	13.5	-18
1540	Collected	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

303583

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/19/01 **WELL #:** MW-10

TIME: 0810 **DEPTH OF PUMP:** 39.5 ft

WEATHER CONDITIONS: 30's and partly cloudy **SAMPLERS:** A. Caruso, K. Mulvey

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIA mV (± 10 mv)
0815 Begin Purging		9.60	325							
0816		9.60	325		6.73	0.384	19.9	4.14	11.7	181
0821		9.69	325		7.06	0.384	28.0	3.18	11.7	169
0827		—	400		7.41	0.384	40.5	2.48	12.4	163
0837		9.85	350		7.63	0.390	58.5	2.06	12.3	159
0845 Raised pump 2 ft. up										
0850		10.48	500		7.79	0.370	73.9	1.42	12.7	151
0859 Emptied out horiba & cut tubing										
0910		10.89	400		7.88	0.378	49.6	0.47	12.6	134
0915		10.70	400		7.89	0.391	72.3	0.01	12.5	119
0920		10.48	350		7.92	0.395	89.2	0.00	12.6	107

303584

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/19/01

WELL #: MW-1D

TIME:

DEPTH OF PUMP: 37 ft.

WEATHER CONDITIONS: 30's, cloudy

SAMPLERS:

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIA mV (± 10 mv)
0926		10.47	350		7.92	0.404	93.8	0.00	12.3	100
0928			350		7.92	0.398	106	0.00	12.5	92
0930	Collected	Sample								

303585

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/19/01 **WELL #:** OW-15

TIME: 1032 **DEPTH OF PUMP:** 16.5 ft.

WEATHER CONDITIONS: 30's, cloudy **SAMPLERS:** A. Caruso, D. Klerides

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIA mV (± 10 mv)
1036 Begin purging		9.21	300							
1044		9.14	240		6.39	0.509	96.7	8.63	11.3	243
1050 took pori ba		off beca	use the	water wa	s getting	dirty; p	urging wl	no readings	for a lit	tle while
1055		9.66	500							
1125		9.29	400		7.41	0.735	24.5	3.55	13.7	165
1132		9.29	400		7.48	0.736	14.7	2.77	13.8	156
1141		9.29	400		7.59	0.739	9.1	2.21	14.1	131
1150		9.29	400		7.64	0.759	6.3	1.73	14.2	109
1155 Collected		Sample								

303586

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/19/01 WELL #: MW-2D

TIME: 1240 DEPTH OF PUMP: 46 ft.

WEATHER CONDITIONS: 30's, sunny, partly cloudy SAMPLERS: A. Caruso, D. Klerides

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1244 Begin purging		13.40	250							
1249		13.38	250		9.24	0.231	14.9	4.60	13.1	126
13:00		13.39	250		9.38	0.226	8.4	2.20	12.7	108
13:10		13.40	250		9.40	0.230	7.0	1.63	12.9	98
1315		13.40	250		9.30	0.237	5.5	1.29	13.0	95
1320		13.39	250		9.27	0.239	5.1	1.06	13.1	90
1325 Collected sample										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

303587

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/19/01 WELL #: MW-6D

TIME: 1420 DEPTH OF PUMP: 45 ft.

WEATHER CONDITIONS: 30's, Cloudy SAMPLERS: A. Caruso, D. Kleridas

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1428 Begin Purging		17.82	300							
1438		17.91	300		9.03	0.229	43.6	4.40	11.6	152
1446		17.90	300		8.77	0.228	45.0	2.72	11.7	153
1456		17.90	300		8.63	0.221	54.7	2.03	12.0	150
1505		17.91	300		8.57	0.217	54.1	1.53	12.2	147
1514		17.93	300		8.53	0.215	53.1	1.11	12.2	143
1520		17.93	300		8.51	0.214	52.9	0.90	12.2	141
1525 Collected Sample										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

303588

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/19/01 / 12/20/01

WELL #: OW-2S

TIME: 1610 / 0810

DEPTH OF PUMP: 17 ft.

WEATHER CONDITIONS: 20's, cloudy; getting dark / 20's, slightly raining

SAMPLERS: A. Caruso, K. Mulvey, D. Klerides

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIA mV (± 10 mv)
1615 Begin Purging		12.59	400							
1622		14.38	400		7.64	1.48	31.1	7.00	11.8	166
1640 Stopped pumping;		see log book								
0810 Begin Purging		13.96	300							
0832		15.11	375		6.18	1.81	214.0	4.10	13.6	210
0843		15.11	320		6.38	1.81	137.0	2.47	15.4	197
0855		15.00	300		6.43	1.82	94.1	1.71	15.5	191
0909		14.49	300		6.48	1.82	114.0	1.94	15.5	185
0917		14.49	250		6.49	1.84	87.5	1.54	15.5	174
0925		13.95	250		6.52	1.84	82.1	1.37	16.2	164
0941		13.52	200		6.57	1.87	67.6	1.75	14.1	158

303589

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12/20/01

WELL #: OW-2S

TIME: 0810

DEPTH OF PUMP: 17ft.

WEATHER CONDITIONS: 20's, partly sunny

SAMPLERS: A. Caruso, K. Mulvey

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIA mV (± 10 mv)
0950 Flow completely stopped; see logbook for details										
1015 Collected sample										

303590

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 12\20\01 **WELL #:** MW-5D

TIME: 1145 **DEPTH OF PUMP:** 49 ft

WEATHER CONDITIONS: 30's, partly sunny **SAMPLERS:** A. Caruso, K. Mulvey

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDO POTE mV (± 10 n
1200	Purging Begins 14.50ft		300							
1205		14.62 ft	300		9.23	0.218	31.8	2.51	11.9	124
1215		14.71	400		9.45	0.213	27.2	0.43	12.6	75
1225		14.71	400		9.29	0.211	20.3	0.05	13.2	24
1235		14.77	400		9.11	0.211	15.7	0.00	13.1	2.0
1240					9.03	0.212	12.5	0.00	13.0	-9.0
1250					8.93	0.215	10.6	0.00	13.0	-25.0
1255	Sample Collected									
1300	Dup collected.									

303591

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Mercury Refining / Round 2

DATE: 3/19/02 WELL #: MW-7S

TIME: 0915 - start purging DEPTH OF PUMP: 16 ft

WEATHER CONDITIONS: sunny, 30's SAMPLERS: M. Reindl A. Perry

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0922	N/A	10.85	500mL		6.32	2.13	28.2	5.94	11.97	179
0926		10.80	500mL		6.42	2.11	32.8	5.62	12.26	167
0930		10.80	500mL		6.44	2.09	37.0	5.56	12.61	164
0934		10.80	500mL		6.45	2.04	37.0	5.44	12.80	164
0937		10.80	500mL		6.46	2.01	35.3	5.40	12.84	164
0940		10.80	500mL		6.47	1.98	32.5	5.34	12.89	165
0943		10.80	500mL		6.48	1.93	29.2	5.27	12.93	166
0946		10.80	500mL		6.49	1.90	28.9	5.24	12.97	165
0950	↓	10.80	500mL		6.49	1.89	28.3	5.21	12.90	166
0955	Sample	CLP:	LDL	BCKY SVOC	: BOCN9	Metals	: MB07	K6		

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

303592

REV 5/01

Depth to H_2O : 12.7 ft.

LOW FLOW GROUNDWATER SAMPLING

(1)

SITE NAME: Mercury Refining Site

DATE: 3/19/02 WELL #: OW-35

TIME: 1335 DEPTH OF PUMP: 20 ft.

WEATHER CONDITIONS: Cloudy, upper 30's SAMPLERS: Perry, Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1345		14.95	475		6.72	0.801	999	4.61	11.54	236
1350		15.05	425		6.19	0.813	999	1.68	12.25	231
1355		15.05	300		6.16	0.818	999	1.00	12.54	228
1400		15.5	450		6.14	0.837	999	0.64	13.20	229
1405		15.5	450		6.12	0.855	999	0.47	14.29	232
1410		15.65	400		6.16	0.862	999	0.43	14.61	229
1415		15.95	375		6.22	0.96	999	2.24	14.23	225
1420		16.00	400		6.23	0.871	999	1.96	14.33	214
1425		16.00	400		6.26	0.874	999	3.77	14.58	205
1430		16.00	400		6.25	0.862	999	2.31	14.35	206

303593

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Sample Time →

CLP ID's →

REV 5/01

Depth to H2O: 10.7 ft.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Mercury Refining Site

DATE: 3/19/02 WELL #: MW-7D

TIME: 1045 -> start set-up DEPTH OF PUMP: 45 ft

WEATHER CONDITIONS: Partly cloudy, 30's SAMPLERS: Perry, Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1056		11.15	425		7.29	0.729	50.4	1.99	12.87	189
1101		11.15	425		7.38	0.723	43.5	1.76	12.91	178
1106		11.15	425		7.52	0.716	39.3	1.54	13.33	152
1110		11.10	425		7.60	0.703	35.3	1.32	13.49	133
1113		11.10	425		7.63	0.698	33.6	1.24	13.47	125
1116		11.10	425		7.64	0.695	33.0	1.17	13.58	120
1119		11.10	425		7.65	0.691	30.9	1.11	13.58	117
1122		11.08	425		7.67	0.690	30.6	1.06	13.63	114
1125		11.08	425		7.67	0.689	30.3	1.01	13.64	113
1128		11.08	425		7.67	0.689	30.4	1.00	13.64	113

303594

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Sample Time → 1130

CLP ID's: BOCP4

MB07K7

REV 5/01

LOW FLOW GROUNDWATER SAMPLING Round 2

SITE NAME: Mercury

DATE: 3/20/02 WELL #: MW-2D

TIME: 0935 Begin purging DEPTH OF PUMP: 46 ft.

WEATHER CONDITIONS: Sunny, 30's SAMPLERS: Reindl, Perry

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0936		13.71	500		7.55	0.286	11.3	.48	12.29	91
0941		13.71	500		7.90	0.287	8.4	.30	11.96	-1
0946		13.71	500		8.00	0.289	8.7	.22	12.06	-21
0949		13.71	500		8.03	0.288	8.9	.20	12.06	-28
0953		13.71	500		8.02	0.288	8.4	.21	12.09	-25

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Sample Time: 0955

CLP ID's: BODP6
BODQ2
MBO87

REV 5/01

303595

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Mercury Refining Site

DATE: 3/20/02 WELL #: OW-25

TIME: 1125 set-up begins. DEPTH OF PUMP: N/A

WEATHER CONDITIONS: Cloudy, snow, upper 30's SAMPLERS: Perry, Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1130					6.05	1.66	296	11.6	9.9	317
1135					6.24	1.63	530	8.6	9.8	295
1200					6.34	1.62	520	10.8	10.1	284
			* Bailed sample							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Sample Time → 1215

CLP ID's: BOCF9 LDL
BOCG0 SVOC
MK0K3 Metals

REV 5/01

303596

initial → 6.35
depth to water

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 3/21/02

WELL #: MW-OW-1S

TIME: 1445 → begin to set up

DEPTH OF PUMP: 15 ft.

WEATHER CONDITIONS: cloudy mid 30's

SAMPLERS: M. Reindl, A. Perry

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIA mV (± 10 mv)
1504		8.96	500		7.51	0.830	9.3	4.35	9.75	163
1507		8.86	500		7.32	0.815	522	3.71	11.17	167
1510		8.86	500		7.21	0.812	212	1.00	11.55	153
1514		9.20	500		7.29	0.795	182	0.85	12.20	116
1517		8.90	500		7.32	0.766	94.2	0.72	12.07	98
1520		8.90	500		7.32	0.761	61.7	0.72	12.07	92
1523		8.90	500		7.32	0.761	59.9	0.73	12.03	90
1526		8.90	500		7.32	0.61	58.9	0.72	12.07	90
				SAMPLE TIME - 1530						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LDL BTEXN, SVOC BTEXN, Metals: MB810

303597

TD- 44 ft.
DTW- 8.25 ft.

(1)

MERCURY REFINING SITE
LOW FLOW GROUNDWATER SAMPLING

DATE: 3/21/02 **WELL #:** MW-1D

TIME: 1350 Set-up begins **DEPTH OF PUMP:** 40 ft.

WEATHER CONDITIONS: Cloudy, upper 40's **SAMPLERS:** Perry, Reindl

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDO POTE mV (± 10 m
1405		9.34	500		7.14	0.356	2.1	2.05	11.90	157
1410		9.34	500		7.32	0.356	1.9	1.59	11.57	144
1415		9.38	500		7.43	0.356	2.0	1.50	11.57	142
1420		9.38	500		7.47	0.356	2.2	1.57	11.61	141
1425		9.39	500		7.46	0.355	2.8	1.48	11.72	139

303598

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Sample Time → 1430

CLP ID's → MB07K2 / BOCFA (sunc) / BOCF7

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Mercury Refining

Intial 6.37

DATE: 3/21/02 WELL #: MW-OW4

TIME: 1134 - > start purging DEPTH OF PUMP: 15 ft

WEATHER CONDITIONS: partly cloudy mid 30's SAMPLERS: H. Reindl & A. Perry

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1137		12.13	400		6.20	1.24	104	1.32	10.62	-12
1141		12.05	400		5.98	1.24	83.4	1.02	11.44	-18
1145		12.05	400		5.92	1.24	25.8	0.89	12.38	-25
1148		11.80	400		5.90	1.24	24.8	1.09	12.40	-28
1151		11.80	400		5.90	1.24	27.6	1.01	12.43	-23
	SAMPLE 1155									

303599

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

CLP : LDL BOHM2

SVOC BOHM3

Metals MBOC07

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Mercury Refining

Initial Depth 13.73

DATE: 3/21/02

WELL #: MW-5D

TIME: 8:40 - arrive at well.

DEPTH OF PUMP: 50 ft

WEATHER CONDITIONS:

SAMPLERS: M. Bernd, A. Perry

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0855		13.95	500		6.43	.282	0.3	6.99	11.48	216
0901		13.95	500		7.45	.249	0.8	12.42	12.91	150
0905		13.95	500		7.88	.209	2.4	5.46	10.90	131
0909		13.95	500		8.12	.203	2.2	3.06	10.13	120
0912		13.95	500		8.24	.203	0.5	3.02	10.49	114
0915		13.91	450		8.42	.202	0	3.63	11.30	108
0918		13.91	450		8.72	.202	0	3.78	11.38	101
0921		13.91	450		8.91	.200	0	3.62	11.39	104
0924		13.91	450		9.22	.203	0	3.68	11.40	108
0927		14.01	450		9.05	.203	0	3.63	11.41	109
	SAMPLE	TIME		0930						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Dup CCP 9D
LDL B0HM4
SVO B0HM5
Metas MB0C55

CCP LDL B0CG1
SVOC B0GG2
MB07K4

REV 5/01

303600

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Mercury Refining Round 2

TD - 50 ft.
DTW - ?

DATE: 4/5/02

WELL #: MW-6D

TIME: 0900

DEPTH OF PUMP: 45 ft.

WEATHER CONDITIONS: Cloudy, 20's

SAMPLERS: A. Caruso, K. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1005	—	* Begin purging	—	—	—	—	—	—	—	—
1008	—	*	400		6.28	0.205	62.1	10.39	10.60	209
1015	—		400		6.95	0.196	115.2	8.45	11.03	171
1025			400		7.47	0.191	77.4	7.11	11.64	122
1032			400		7.62	0.190	72.7	6.75	11.32	96
1045			400		7.82	0.189	72.6	6.57	11.90	53
1050			400		7.90	0.189	81.2	6.17	11.78	34
1055			400		7.94	0.190	56.6	6.11	11.75	15
1100	Sample Collected	—	—	—	—	—	—	—	—	—

303601

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

* Could not collect water level measurements; no water level meter - water level was at least 17 ft., same as Round 1 measurements -

REV 5/01

Appendix I

Appendix I

Correspondence to Agencies Regarding Endangered Species

Correspondence from
United States Department of Interior
Fish and Wildlife Service

303604

United States Department of the Interior

FISH AND WILDLIFE SERVICE
3817 Luker Road
Cortland, NY 13045

June 3, 2002

Ms. Nancy Zygmont
CDM Federal Programs Corporation
107-F Corporate Boulevard
South Plainfield, NJ 07080

Dear Ms. Zygmont:

This responds to your letter of May 7, 2002, requesting information on the presence of Federally listed or proposed endangered or threatened species in the vicinity of the Remedial Investigation of the Mercury Refining Site in the City of Colonie, Albany County, New York.

The Karner blue butterfly (*Lycaeides melissa samuelis*) is known to occur in the vicinity of the project area. This species is listed as endangered by the U.S. Fish and Wildlife Service (Service). Potential habitat of the Karner blue butterfly is distinguished by the presence of the plant wild lupine (*Lupinus perennis*) which is the only known food plant for the larvae; however, other plants in the area may provide nectar sources used by the butterflies.

An evaluation of existing habitat at the project site, and its potential to support the Karner blue butterfly or wild lupine, should be completed. If the evaluation indicates that the site has the potential to support the Karner blue butterfly or its habitat, the site should be surveyed by a qualified person to determine the presence or absence of this species. Surveys for wild lupine should be conducted when the plants are readily observable, and if wild lupine is present, surveys for the Karner blue butterfly should be conducted during the second, or preferably both, flight periods. The project's environmental documents should identify any direct, indirect, and cumulative impacts on the Karner blue butterfly or its habitat, and include appropriate measures, if necessary, to protect this species and its habitat. This information should be forwarded to this office and it will be used to evaluate potential impacts on the Karner blue butterfly or its habitat, and to determine the need for further consultation pursuant to Section 7 of the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

Except for the Karner blue butterfly and occasional transient individuals, no other Federally listed or proposed endangered or threatened species under our jurisdiction are known to exist in the project impact area. In addition, no habitat in the project impact area is currently designated or proposed "critical habitat" in accordance with the provisions of the Endangered Species Act. Should project plans change, or if additional information on listed or proposed species or critical habitat becomes available, this determination may be reconsidered. A compilation of Federally listed and proposed endangered and threatened species in New York is enclosed for your information.

coordinated with both this office and with the New York State Department of Environmental Conservation (State). The State contact for the Karner blue butterfly is Mr. Peter Nye, Endangered Species Unit, 625 Broadway, Albany, NY 12233 (telephone: [518] 402-8859).

For additional information on fish and wildlife resources or State-listed species, we suggest you contact the appropriate New York State Department of Environmental Conservation regional office(s) as shown on the enclosed map, and:

New York State Department of Environmental Conservation
New York Natural Heritage Program Information Services
625 Broadway
Albany, NY 12233
(518) 402-8935

Since wetlands may be present, you are advised that National Wetlands Inventory (NWI) maps may or may not be available for the project area. However, while the NWI maps are reasonably accurate, they should not be used in lieu of field surveys for determining the presence of wetlands or delineating wetland boundaries for Federal regulatory purposes. Copies of specific NWI maps can be obtained from:

Cornell Institute for Resource Information Systems
302 Rice Hall
Cornell University
Ithaca, NY 14853
(607) 255-4864

Work in certain waters and wetlands of the United States may require a permit from the U.S. Army Corps of Engineers (Corps). If a permit is required, in reviewing the application pursuant to the Fish and Wildlife Coordination Act, the Service may concur, with or without stipulations, or recommend denial of the permit depending upon the potential adverse impacts on fish and wildlife resources associated with project implementation. The need for a Corps permit may be determined by contacting the appropriate Corps office(s) as shown on the enclosed map.

If you require additional information please contact Michael Stoll at (607) 753-9334.

Sincerely,

Mark W. Clough

Acting For
David A. Stilwell
Field Supervisor

Enclosures

cc: NYSDEC, Schenectady, NY (Environmental Permits)
NYSDEC, Albany, NY (Natural Heritage Program)
COE, New York, NY

FEDERALLY LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES IN NEW YORK

Common Name	Scientific Name	Status	Distribution
FISHES			
Sturgeon, shortnose*	*Acipenser brevirostrum*	E	Hudson River & other Atlantic coastal rivers
REPTILES			
Turtle, bog	*Clemmys muhlenbergii*	T	Albany, Columbia, Dutchess, Genesee, Orange, Oswego, Putnam, Seneca, Sullivan, Ulster, Wayne, and Westchester Counties
Turtle, green*	*Chelonia mydas*	T	Oceanic summer visitor coastal waters
Turtle, hawksbill*	*Eretmochelys imbricata*	E	Oceanic summer visitor coastal waters
Turtle, leatherback*	*Dermochelys coriacea*	E	Oceanic summer resident coastal waters
Turtle, loggerhead*	*Caretta caretta*	T	Oceanic summer resident coastal waters
Turtle, Atlantic ridley*	*Lepidochelys kempii*	E	Oceanic summer resident coastal waters
BIRDS			
Eagle, bald	*Haliaeetus leucocephalus*	T	Entire state
Plover, piping	*Charadrius melodus*	E	Great Lakes Watershed Critical Habitat - Eastern Lake Ontario shoreline from Salmon River (Oswego County) to Stony Point (Jefferson County)
		T	Remainder of coastal New York
Tern, roseate	*Sterna dougallii dougallii*	E	Southeastern coastal portions of state
MAMMALS			
Bat, Indiana	*Myotis sodalis*	E	Entire state
Cougar, eastern	*Felis concolor couguar*	E	Entire state - probably extinct
Whale, blue*	*Balaenoptera musculus*	E	Oceanic
Whale, finback*	*Balaenoptera physalus*	E	Oceanic
Whale, humpback*	*Megaptera novaeangliae*	E	Oceanic
Whale, right*	*Eubalaena glacialis*	E	Oceanic
Whale, sei*	*Balaenoptera borealis*	E	Oceanic
Whale, sperm*	*Physeter catodon*	E	Oceanic

Except for sea turtle nesting habitat, principal responsibility for these species is vested with the National Marine Fisheries Service.

Region 5 - 12/13/01 - 2 pp.

303608

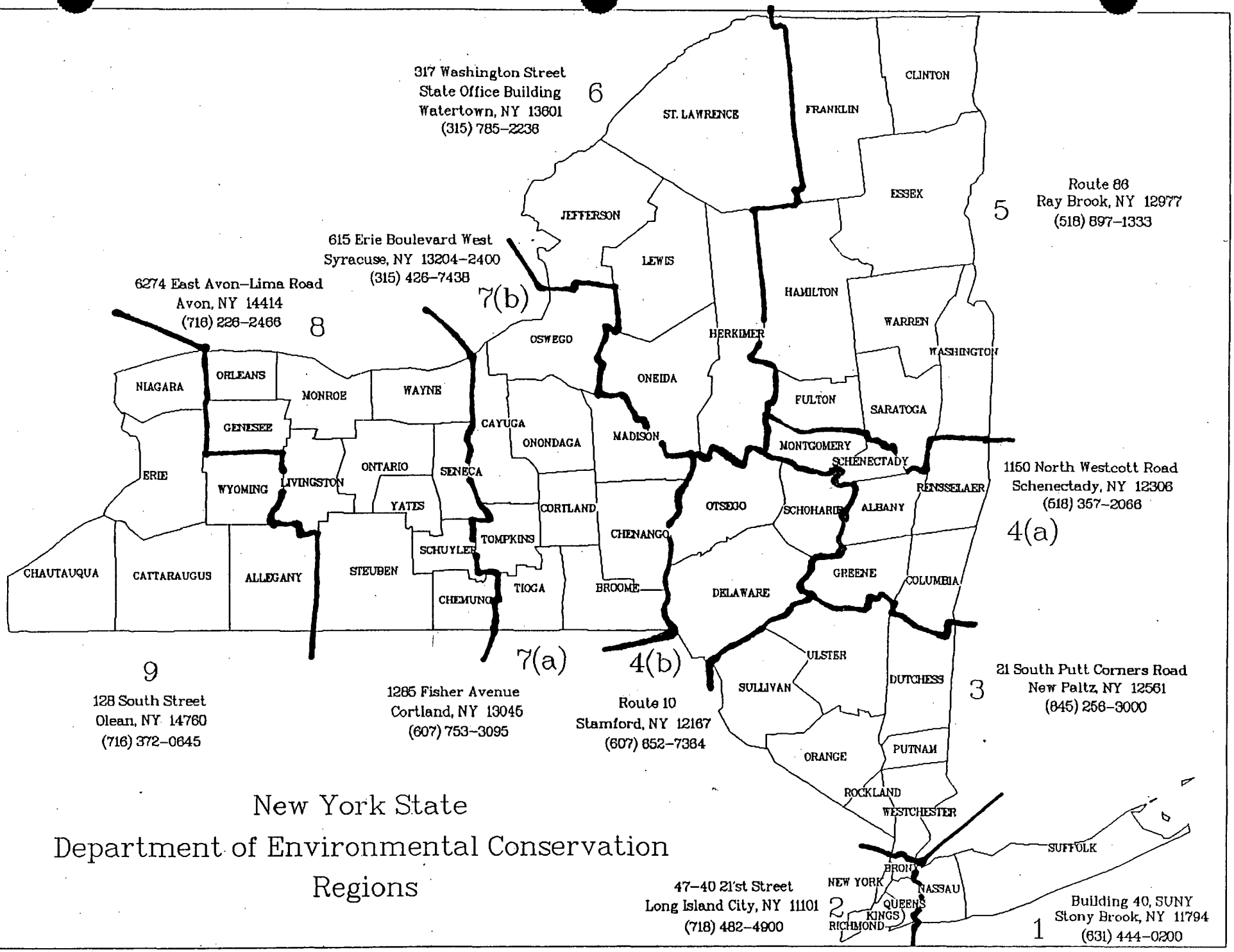
FEDERALLY LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES IN NEW YORK (Cont'd)

Common Name	Scientific Name	Status	Distribution
MOLLUSKS			
Snail, Chittenango ovate amber	*Novisuccinea chittenangoensis*	T	Madison County
Mussel, dwarf wedge	*Alasmidonta heterodon*	E	Orange County - lower Neversink River Delaware and Sullivan Counties - Delaware River
BUTTERFLIES			
Butterfly, Karner blue	*Lycaeides melissa samuelis*	E	Albany, Saratoga, Warren, and Schenectady Counties
PLANTS			
Monkshood, northern wild	*Aconitum noveboracense*	T	Ulster, Sullivan, and Delaware Counties
Pogonia, small whorled	*Isotria medeoloides*	T	Entire state
Swamp pink	*Helonias bullata*	T	Staten Island - presumed extirpated
Gerardia, sandplain	*Agalinis acuta*	E	Nassau and Suffolk Counties
Fern, American hart's-tongue	*Asplenium scolopendrium* var. *americana*	T	Onondaga and Madison Counties
Orchid, eastern prairie fringed	*Platanthera leucophea*	T	Not relocated in New York
Bulrush, northeastern	*Scirpus ancistrochaetus*	E	Not relocated in New York
Roseroot, Leedy's	*Sedum integrifolium* ssp. *Leedyi*	T	West shore of Seneca Lake
Amaranth, seabeach	*Amaranthus pumilus*	T	Atlantic coastal plain beaches
Goldenrod, Houghton's	*Solidago houghtonii*	T	Genesee County

E=endangered T=threatened P=proposed

Region 5 - 12/13/01 - 2 pp.

303609


317 Washington Street
State Office Building
Watertown, NY 13601
(315) 785-2236
6
615 Erie Boulevard West
Syracuse, NY 13204-2400
(315) 426-7438
7(b)
6274 East Avon-Lima Road
Avon, NY 14414
(716) 226-2466
8
Route 86
Ray Brook, NY 12977
(518) 897-1333
5
1150 North Westcott Road
Schenectady, NY 12306
(518) 357-2066
4(a)
21 South Putt Corners Road
New Paltz, NY 12561
(845) 256-3000
3
128 South Street
Olean, NY 14760
(716) 372-0645
9
1285 Fisher Avenue
Cortland, NY 13045
(607) 753-3095
7(a)
Route 10
Stamford, NY 12167
(607) 652-7384
4(b)
47-40 21'st Street
Long Island City, NY 11101
(718) 482-4900
2
Building 40, SUNY
Stony Brook, NY 11794
(631) 444-0200
1
CLINTON
ST. LAWRENCE
FRANKLIN
ESSEX
JEFFERSON
LEWIS
HAMILTON
WARREN
WASHINGTON
OSWEGO
HERKIMER
ONEIDA
FULTON
SARATOGA
NIAGARA
ORLEANS
MONROE
WAYNE
CAYUGA
ONONDAGA
MADISON
MONTGOMERY
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LIVINGSTON
ONTARIO
SENECA
YATES
CORTLAND
CHENANGO
OTSEGO
SCHOHARIE
ALBANY
TOMPKINS
SCHUYLER
CHAUTAUQUA
CATTARAUGUS
ALLEGANY
STEUBEN
CHEMUNG
TIOGA
BROOME
DELAWARE
GREENE
COLUMBIA
ULSTER
SULLIVAN
DUTCHESS
ORANGE
PUTNAM
ROCKLAND
WESTCHESTER
SUFFOLK
BRONX
NEW YORK
NASSAU
QUEENS
KINGS
RICHMOND
New York State
Department of Environmental Conservation
Regions

303610

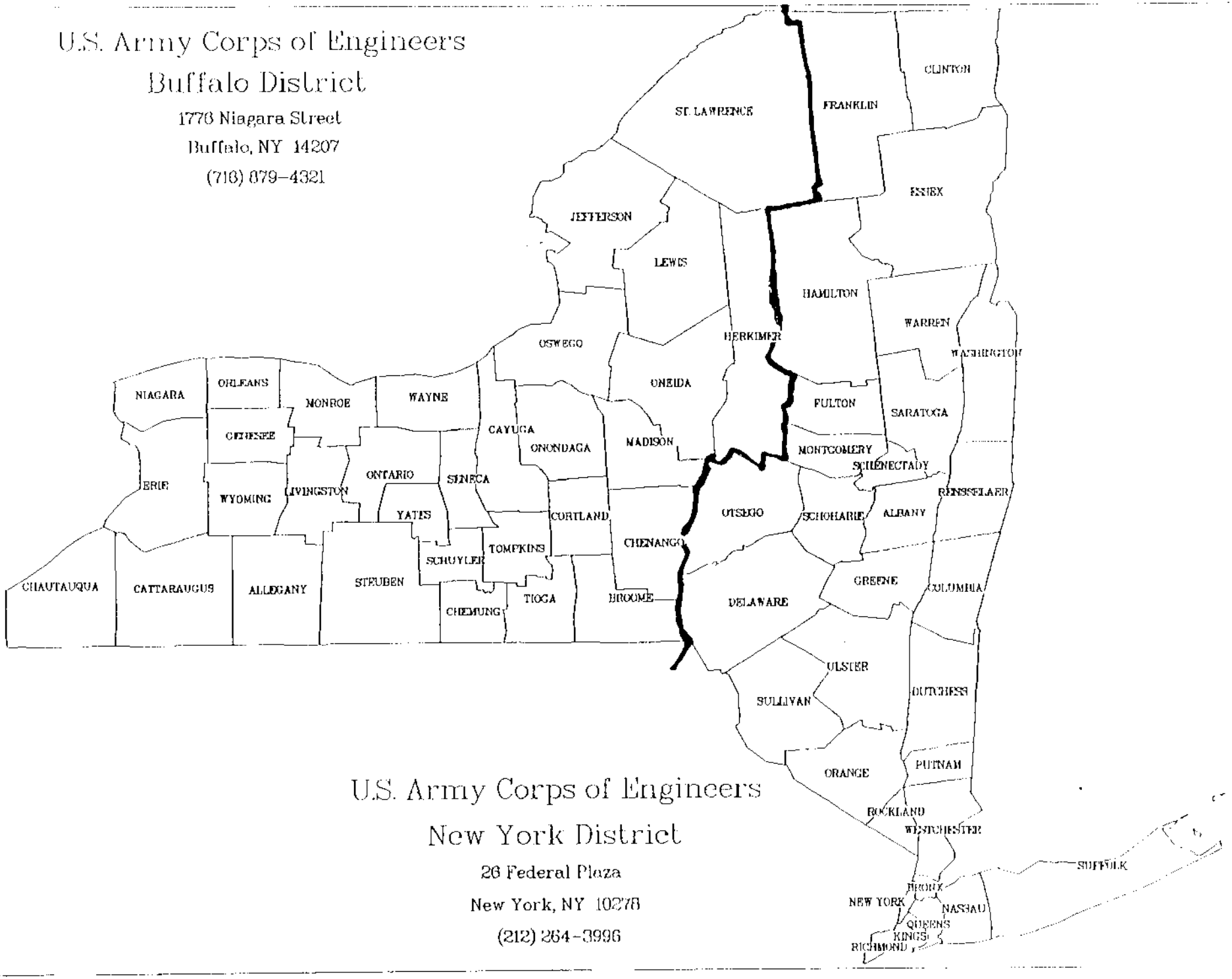
U.S. Army Corps of Engineers

Buffalo District

1776 Niagara Street

Buffalo, NY 14207

(716) 879-4321



U.S. Army Corps of Engineers

New York District

26 Federal Plaza

New York, NY 10278

(212) 264-3996

303611

U.S. Fish and Wildlife Service
New York Field Office
3817 Luker Road
Cortland, NY 13045

To provide a timely response to future requests for endangered species comments in New York, please include the following in future inquiries:

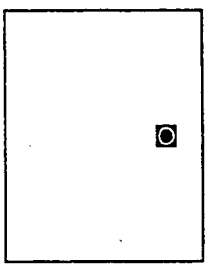
1. A concise brief description of the project/action.

2. Name of the hamlet/village/city/town/county where the project/action occurs.

3. The latitude and longitude of the project/action, i.e.: 42° 13' 28" / 76° 56' 30". If the project/action is linear, you may provide coordinates for both ends or just one near center.

4. A map showing the project/action location. Preferrably the map should be a U.S. Geological Survey quadrangle map (USGS Quad). You need only provide a copy of that portion where the project/action occurs. Please provide the name(s) of the USGS quadrangle.

   If providing only a portion, indicate where the portion would be located on the full quadrangle, i.e.



Providing the information above will assist us in responding to your needs.
If you require additional information please contact Michael Stoll at (607) 753-9334.

Correspondence from
New York State Department of Environmental Concervation
Division of Fish, Wildlife & Marine Resources

303613

New York State Department of Environmental Conservation
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, Albany, New York 12233-4757
Phone: (518) 402-8935 • **FAX:** (518) 402-8925
Website: www.dec.state.ny.us

Erin M. Crotty
Commissioner

May 28, 2002

Nancy Zygmont
CDM Federal Programs Corp
107-F Corporate Blvd
So. Plainfield, NJ 07080

Dear Ms. Zygmont:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the proposed Remedial Investigation - Mercury Refining Site, site as indicated on the map you provided, including a 3-mile radius, located in the Town of Colonie, Albany County.

Enclosed is a report of rare or state-listed animals and plants, significant natural communities, and other significant habitats, which our databases indicate occur, or may occur, on your site or in the immediate vicinity of your site. The information contained in this report is considered sensitive and may not be released to the public without permission from the New York Natural Heritage Program.

The presence of rare species may result in your project requiring additional permits, permit conditions, or review. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, at the enclosed address.

For most sites, comprehensive field surveys have not been conducted, the enclosed report only includes records from our databases. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

Sincerely,

Heidi J. Krahling, Information Services
NY Natural Heritage Program

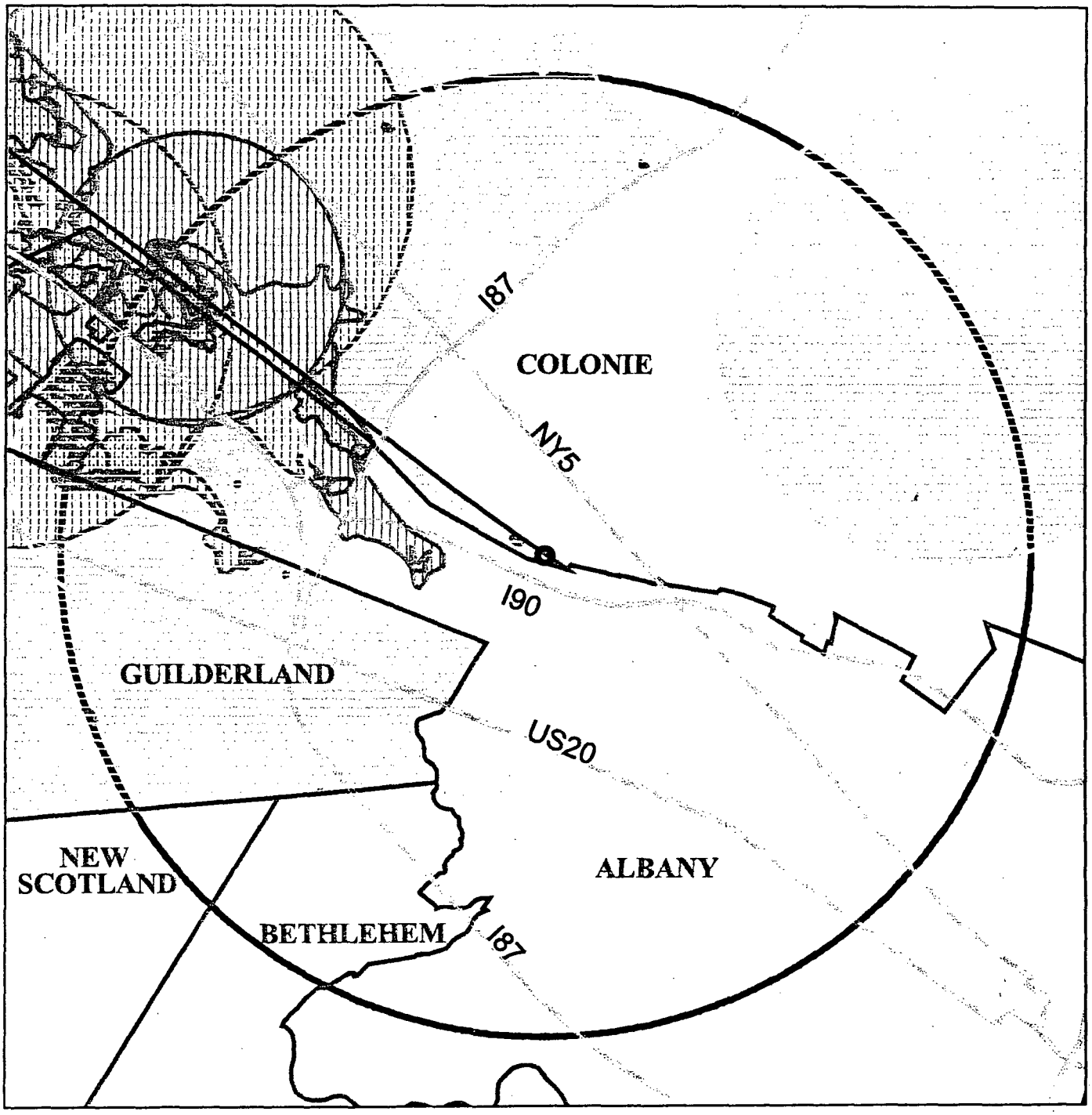
Encs.

cc: Reg. 4, Wildlife Mgr.
Reg. 4, Fisheries Mgr.
Peter Nye, Endangered Species Unit, 518-402-8859

303614

Natural Heritage Map of Rare Species and Ecological Communities

Prepared May 20, 2002 by NY Natural Heritage Program, NYS DEC, Albany, New York



PROJECT SITE (plus 3 mile buffer)

New York Natural Heritage Progam Database Records*

- Plant
- Animal
- Animal Concentration Area
- Community

Scale: 1:60000

0.5 0 0.5 Miles

N

*** The locations that are displayed are considered sensitive and cannot be released to the public. We do not provide map locations for all records. Please see report for details.**

303615

Natural Heritage Report on Rare Species and Ecological Communities

Prepared 16 May 2002 by NY Natural Heritage Program, NYS DEC, Albany, New York

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* County
** Town

Scientific Name, COMMON NAME, & Group Name	NY Legal Status, Heritage Ranks, &	EO Rank & Last Seen	Detailed Location	General Habitat	Office Use
* ALBANY					
** CITY OF ALBANY					
Cyperus schweinitzii SCHWEINITZ'S FLATSEDGE Vascular Plant	RARE G5 S3	C 1996-08-16	ALBANY LANDFILL TAKE RED TRAIL FROM CREDIT UNION AREA EAST INTO PINE BUSH. STAY LEFT ON UNMARKED TRAIL WHEN RED TRAIL VEERS TO RIGHT. STAY LEFT AT NEXT FORK UNTIL YOU REACH MITIGATION POND ON THE NORTH SIDE. TAKE DIRT CAR TRACK TO RIGHT JUST BEFORE POND. PLANTS IN	Sand-mined area and adjoining pine barrens running into Albany Pine Bush preserve to west. Associated species: Melilotus alba, Saponaria officinalis, Centaurea maculosa. Fair population on threatened site.	4207367 S
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	F 1978	ALBANY PINE BUSH ALBANY PINE BUSH AREA. NORTHWEST CORNER OF SUNY ALBANY. FROM MCKNOWNVILLE, NORTHEAST ON FULLER ROAD APPROXIMATELY 0.75 MI. BUTTERFLIES OCCUR IMMEDIATELY EAST OF ROAD AND EXTENDS NORTH TO THE JUNCTION OF WASHINGTON AVENUE.	Dune remnants with pitch pine/scrub oak barrens. High shrub layer due to lack of recent burning. Partly planted with non-native pines. Old powerline right-of-way crosses dune.	4207367 S ESU
Cyperus schweinitzii SCHWEINITZ'S FLATSEDGE Vascular Plant	RARE G5 S3	A 1997-07-08	BLUEBERRY HILL FROM THE END OF PITCH PINE DRIVE WEST CONTINUE DOWN SAND ROAD. PLANTS IN 4 GROUPS. GROUP ONE ON EXPOSED SAND ON WEST FACE OF DUNE HALF WAY DOWN SAND ROAD; GROUP TWO AT THE JUNCTION OF EAST-WEST SAND ROAD, NORTH WEST CORNER; GROUP THREE IN EXPOSED SAN	Disturbed slope of dune faces and edges of sand road. Associated species: Lespedeza capitata, Schizachyrium, Centaurea, Monarda, locust seedlings. 1-2000 plants in protected area.	4207367 S
Malaxis bayardii BAYARD'S MALAXIS Vascular Plant	ENDANGERED G2 S1	AB 1997-07-08	BLUEBERRY HILL FROM WASHINGTON AVENUE EXTENSION AND ROUTE 155 GO EAST TO THE FIRST RIGHT TURN ON TO THE FRONTAGE ROAD THAT LEADS TO THE DUNES DEVELOPMENT. TAKE PITCH PINE DRIVE WEST TO THE END AND PARK BY THE GATE TO THE PINE BUSH. WALK SOUTH ON SAND ROAD. WHEN IT	A small area of moist pitch pine scrub oak barrens dominated by black cherry and black locust. There are a few pitch pine evident and some bigtooth aspen. Associated species: Lonicera sp., Lysimachia quadrifolia, Rubus sp. The area was burned in 1992 Only one plant in good habitat during very dry summer. Plants likely to return to higher population numbers with wetter summer.	4207367 S

303616

Natural Heritage Report on Rare Species and Ecological Communities

Prepared 16 May 2002 by NY Natural Heritage Program, NYS DEC, Albany, New York

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* County
** Town

Scientifc Name, COMMON NAME, & Group Name	NY Legal Status, Heritage Ranks, &	EO Rank & Last Seen	Detailed Location	General Habitat	Office Use
* ALBANY					
** CITY OF ALBANY					
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	F 1994-07-19	BLUEBERRY HILL ALBANY PINE BUSH AREA. SOUTH AND EAST APPROXIMATELY 0.7 MI OF THE JUNCTION OF ROUTE 155 AND WASHINGTON AVENUE.	Pitch pine barrens with solid shrubby oak layer on steeply rolling dunes. Lupine along trails, dune tops and sides, open sunlit interdune spaces. 1998: there are very low numbers of nectar species available. Some lupine has been removed from the site	4207367 S ESU
Catopyrrha coloraria BROAD-LINED CATOPYRRHA Moth	UNPROTECTED G4 S2S3	E 1979-SU	KARNER BARRENS EAST ALBANY PINE BUSH CITY PRESERVE EAST OF ROUTE 155, SOUTH OF THE RAILROAD TRACKS, WEST OF THE LANDFILL. ADULTS ON CEANOTHUS THROUGHOUT.	Pitch-pine scrub oak barrens.	4207367 S
Chaetaglaea cerata A NOCTUID MOTH Moth	UNPROTECTED G3G4 S1S2	CD 1990	KARNER BARRENS EAST CITY PRESERVE, EAST OF ROUTE 155 (KARNER ROAD), NORTH OF THE THRUWAY.	Pitch pine scrub oak barrens.	4207367 S
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	D 1999-07-18	KARNER BARRENS EAST ALBANY PINE BUSH CITY PRESERVE. EAST OF ROUTE 155, NORTH OF THRUWAY, SOUTH OF THE RAILROAD TRACKS, WEST OF LANDFILL. LOOK FOR SIGN ON EAST SIDE OF ROUTE 155.	Fire-climax pitch pine barrens with very open canopy and predominant thick shrub layer of scrub oak, dwarf chestnut oak and many shrubby heaths. Nectaring plants: 1999: lupine, blueberry, wild strawberry, horsemint, spotted knapweed; 1994-07-07: dais	4207367 S ESU
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	D 1997-06-12	PINE LANE WOODS FROM THE JUNCTION OF RAPP ROAD AND FRONTAGE ROAD SOUTH, NORTHWEST 0.05 MI. BUTTERFLIES ARE ON SMALL DUNE ON FRONT LAWN OF DAUGHTERS OF SARAH NURSING HOME.	Dune surrounded by lawn with bare sand and lupine.	4207367 S ESU

303617

Natural Heritage Report on Rare Species and Ecological Communities

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* County
** Town

Scientific Name, COMMON NAME, & Group Name	NY Legal Status, Heritage Ranks, &	EO Rank & Last Seen	Detailed Location	General Habitat	Office Use
* ALBANY					
** CITY OF ALBANY					
Agastache nepetoides YELLOW GIANT-HYSSOP Vascular Plant	THREATENED G5 S2S3	C 1992-08-25	TIVOLI PARK ROADSIDE AT THE ENTRANCE TO TIVOLI PARK, NORTH OF LIVINGSTON JUNIOR HIGH SCHOOL, TAKE A DIRT ROAD TO THE RIGHT. IT PASSES BETWEEN THE LAKE AND THE RAILROAD TRACKS. PLANTS ARE 300 METERS PAST THE LAKE ON THE RIGHT SIDE OF THE ROAD AT THE ELECTRICAL SUBSTATION	A thicket along a road in a city park. Small population in a fairly disturbed habitat.	4207367 S
** CITY OF ALBANY, COLONIE, GUILDERLAND					
Cerma cora BIRD DROPPING MOTH Moth	UNPROTECTED G3G4 S1S3	AB 1990	ALBANY PINE BUSH BETWEEN CITIES OF ALBANY AND SCHENECTADY,N AND SOUTH OF I-90,E OF CARMAN ROAD AND NORTHWEST OF I-87,E AND WEST OF ROUTE 155.	Pitch pine scrub oak barrens.	4207368 S
Chytonix sensilis A NOCTUID MOTH Moth	UNPROTECTED G4 S1S3	AB 1990	ALBANY PINE BUSH BETWEEN CITIES OF ALBANY AND SCHENECTADY, NORTH AND SOUTH OF I-90, EAST OF CARMAN ROAD (ROUTE 146) AND NORTHWEST OF I-87, EAST AND WEST OF ROUTE 155 (KARNER ROAD).	Pitch pine scrub oak barrens.	4207368 S
Macrochilo bivittata A NOCTUID MOTH Moth	UNPROTECTED G3G4 SU	E 1990	ALBANY PINE BUSH ALBANY PINE BUSH AREA WETLANDS.	Taken from sites in pitch pine-scrub oak barrens.	4207368 M
Satyrium edwardsii EDWARDS' HAIRSTREAK Butterfly/Skipper	UNPROTECTED G4 S3S4	A 1987-07	ALBANY PINE BUSH BETWEEN CITIES OF ALBANY AND SCHENECTADY, NORTH AND SOUTH OF I-90, EAST OF CARMAN ROAD (ROUTE 146) AND NORTHWEST OF I-87, EAST AND WEST OF ROUTE 155 (KARNER ROAD).	Pitch pine scrub oak barrens.	4207368 S

303618

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** Town

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* ALBANY					
** CITY OF ALBANY, GUILDERLAND					
Scleria triglomerata WHIP NUTRUSH Vascular Plant	THREATENED G5 S2	H 1937-08-24	BLUEBERRY HILL THE PLANTS WERE COLLECTED FROM THE SAND PLAINS SOUTH OF KARNER.	Sand plains.	4207367
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	F 1979	BLUEBERRY HILL ALBANY PINE BUSH AREA. [BETWEEN ROUTE 155 AND RAPP ROAD AND NORTH OF ROUTE 20].	Small clearing on north side of power right-of-way with dense stand of lupine, blackberries, and composites. Many mesic plants surround the clearing.	4207367 S ESU
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	F 1979	BLUEBERRY HILL ALBANY PINE BUSH AREA. [W OF RAPP ROAD., EAST OF ROUTE 155, NORTH OF ROUTE 20].	Both sides of power right-of-way and into a large burned tract of pitch pine barrens on steep, rolling, very dry sand dunes.	4207367 S ESU
** COLONIE					
Carex cumulata CLUSTERED SEDGE Vascular Plant	THREATENED G4? S2S3	H 1919-07-07	KARNER		4207367 M

303619

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* ALBANY					
** COLONIE					
Desmodium ciliare LITTLE-LEAF TICK-TREFOIL Vascular Plant	THREATENED G5 S2S3	H 1910-PRE-0	KARNER KARNER, ALBANY COUNTY.		4207367 M
Onosmodium virginianum VIRGINIA FALSE GROMWELL	ENDANGERED G4 S1	F 1923-08-26	KARNER KARNER, NORTHWEST OF ALBANY.	Open, sandy woods. Proper habitat present, but no plants found.	4207367 M
Williamsonia lintneri RINGED BOGHAUNTER Dragonfly/Damselfly	UNPROTECTED G3 SH	H 1874-05-27	KARNER CENTER (KARNER).	Sandy pine woods region. Most of the Karner area has been developed; the wetlands which remain do not seem to meet the descriptions of occupied sites and are probably not suitable. Could be considered extirpated instead, but available wetlands should be checked first.	4207367 M
Callophrys henrici HENRY'S ELFIN Butterfly/Skipper	UNPROTECTED G5 S2S3	C 1989	KARNER BARRENS EAST ALBANY PINE BUSH; NORTHEAST PART OF CITY PRESERVE.	Pitch pine scrub oak barrens.	4207367 S
Festuca saximontana SHEEP FESCUE Vascular Plant	ENDANGERED G5 S1	H 1939-06-05	LOUDONVILLE SANDY FIELDS IN LOUDONVILLE.	Sandy fields.	4207367 M

303620

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* ALBANY					
** COLONIE					
Linum sulcatum YELLOW WILD FLAX Vascular Plant	THREATENED G5 S2	H 1939-06-21	LOUDONVILLE DRY, SANDY FIELD NEAR LOUDONVILLE.	Dry, sandy field.	4207367 M
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	F 1979	SHAKERS NUMBER 1 COLONIE, 0.15 MI NORTHWEST OF ROUTE 87 AND 0.25 MI SOUTHWEST OF ALBANY SHAKER ROAD.	Edge of farm in old field with prairie grasses and xeric herbs. Near grassy edge of Northway in flat and duneless sandy part. Lupine near edges of woods.	4207367 S ESU
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	F 1979	SHAKERS NUMBER 2 FROM THE JUNCTION OF ROUTE 155 AND SAND CREEK ROAD APPROXIMATELY 0.55 MI TO TRAIL ON WEST SIDE OF BEND IN ROAD. BUTTERFLIES OCCUR APPROXIMATELY 0.3 MI WEST ON TRAIL THROUGH FIRE SUPRESSED PINE BARRENS.	Clearing on north-facing dune ridge slope. Lupine is in fairly small dense stand in open with fire sedge, hawkweeds, grasses, milkweeds and other composites.	4207367 S ESU
Aplectrum hyemale PUTTYROOT Vascular Plant	ENDANGERED G5 S1	H 1848-05-27	SHAKERS WOODS ALBANY SOUTHWEST OF THE ALBANY COUNTY AIRPORT, SOUTH OF [ANN LEE] POND.	Woods near busy roads.	4207367
* COLONIE, CITY OF ALBANY					
Polygonum careyi CAREYS SMARTWEED Vascular Plant	THREATENED G4 S2	H 1955-09-18	KARNER ROAD KARNER ROAD, PINEBUSH.	Pinebush.	4207367 M

303621

Natural Heritage Report on Rare Species and Ecological Communities

Prepared 16 May 2002 by NY Natural Heritage Program, NYS DEC, Albany, New York

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* *County*
** Town

Scientifc Name, COMMON NAME, & Group Name	NY Legal Status, Heritage Ranks, &	EO Rank & Last Seen	Detailed Location	General Habitat	Office Use
* ALBANY					
** COLONIE, GUILDERLAND					
PINE BARRENS VERNAL POND *Community*	UNPROTECTED G3G4 S2	A 2001-05-15	ALBANY PINE BUSH From the Town of Colonie, take Central Avenue (state Route 5) northwest to state Route 155, turn left (southwest) and travel 1.3 miles to the trailhead on the left (south) side of Route 155. Follow the blue trail for about 260 yards to the red trail	A moderate sized wetland in a protected landscape in excellent condition. The pond is seasonally flooded and nearly dry in late summer. The wetland lies in a depression between sand dunes and is bordered by pitch pine-oak forest to the southwest and A moderate sized vernal pond in a protected landscape in excellent condition. Size: B. Condition: A. Landscape: A.	4207367
** COLONIE, GUILDERLAND, CITY OF ALBANY					
Hemileuca maia maia INLAND BARRENS BUCKMOTH Moth	UNPROTECTED - SPECIAL CONCERN G5T5 S1	C 1990-12-07	ALBANY PINE BUSH ALBANY PINE BUSH, HABITAT AROUND THE JUNCTION OF ROUTE 155 AND I-90 IS CORE AREA.	Pitch pine scrub oak barrens.	4207367 S ESU
Callophrys irus FROSTED ELFIN Butterfly/Skipper	THREATENED G3 S1S3	C 1998-05-19	KARNER BARRENS EAST ALBANY PINE BUSH, CITY PRESERVE. ENTRANCE OFF ROUTE 155, INCLUDES ROUTE 155 DUNE CUT. CITY PRESERVE IS BOUNDED BY LANDFILL TO WEST, RAILROAD TO NORTH, ROUTE 155 TO WEST AND NEW YORK STATE THRUWAY TO SOUTH.	A large sand dune with Quercus ilicifolia, Lupinus, Baptisia. Associated species: Incisalia augustus (very abundant). Well protected population.	4207367 ESU
** GUILDERLAND					

303622

Natural Heritage Report on Rare Species and Ecological Communities

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** Town

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* ALBANY					
** GUILDERLAND					
Cyperus schweinitzii SCHWEINITZ'S FLATSEDGE Vascular Plant	RARE G5 S3	BC 1996-08-20	BLUEBERRY HILL FROM THE END OF PITCH PINE DRIVE WEST FOLLOW SAND ROAD AROUND TO WEST, THEN NORTH, THEN EAST ALONG POWERLINE RIGHT-OF-WAY AND TOWN BORDER. PLANTS ARE IN SMALL CLEARING/CONSTRUCTION FEATURE ON SOUTH SIDE OF RIGHT-OF-WAY, NORTH OF NORTH GATE DRIVE BET	A clearing in a sand dune area. Associated species: *Lupinus perrenis*, Lespedeza capitata, Centaurea, Schizachyrium, Cenchrus longispinus, Pteridium, Sorghastrum. Scattered Populus granidentata. 200-300 plants.	4207367 S
Catopyrrha coloraria BROAD-LINED CATOPYRRHA Moth	UNPROTECTED G4 S2S3	E 1979-SU	CROSSGATES ALBANY PINE BUSH AT CROSSGATES MALL, 0.1 MI SOUTH OF I-90 AND 0.15 MI WEST OF I-87.	Degraded pitch-pine scrub oak barrens.	4207367 S
Atrytonopsis hianna DUSTED SKIPPER Butterfly/Skipper	UNPROTECTED G4G5 S3	AB 1979-06-07	CROSSGATES KARNER BLUE HILL AT CROSSGATES MALL, 0.1 MI SOUTH OF I-90 AND 0.15 MI WEST ON ROUTE 87.	Pitch pine-scrub oak barrens.	4207367 S
Callophrys irus FROSTED ELFIN Butterfly/Skipper	THREATENED G3 S1S3	E 1998-05-19	CROSSGATES THE BUTTERFLIES WERE OBSERVED AT KARNER BLUE HILL AT CROSSGATES MALL, 0.1 MILES SOUTH OF I-90 AND 0.15 WEST OF ROUTE 87.	Low rolling dunes adjacent to a large shopping mall. The area is fenced in. Associated species: Lycaeides melissa samuelis.	4207367 ESU
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	C 1999-07-22	CROSSGATES ALBANY PINE BUSH AT CROSSGATES MALL. EAST FROM ROUTE 20 APPROXIMATELY 0.3 MI IN WESTMERE: NORTH APPROXIMATELY 0.45 MI ON RAPP ROAD, TO THE JUNCTION ON WEST. SIDE ROAD. BUTTERFLIES ARE SOUTH AND EAST OF JUNCTION APPROXIMATELY 0.3 MI. AND INCLUDES POW	Low rolling dunes. Smaller site (1 acre) is adjacent to the mall and is fenced in. Nectaring plants: 1995-07-10: butterfly weed, New Jersey tea.	4207367 S ESU

303623

Natural Heritage Report on Rare Species and Ecological Communities

Prepared 16 May 2002 by NY Natural Heritage Program, NYS DEC, Albany, New York

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We do not always provide maps of locations of species most vulnerable to disturbance, nor of some records whose locations and/or extents are not precisely known or are too large to display.

* County
** Town

Scientifc Name, COMMON NAME, & Group Name	NY Legal Status, Heritage Ranks, &	EO Rank & Last Seen	Detailed Location	General Habitat	Office Use
* ALBANY					
** GUILDERLAND					
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	D 1999-07-20	CROSSGATES FROM THE POWERLINE JUNCTION WITH CROSSGATES MALL ROAD ON WEST SIDE OF MALL, WEST ABOUT 0.1 MI ON SAND ROAD TO BUTTERFLIES BEHIND TV CABLE COMPANY.	Open, grassy pine barrens under powerline along sandy road. Nectaring plants: 1995-07-25: blue vervain, spotted knapweed, 1994-07-21: lupine and horsemint, 1994-05-31: 1 lupine.	4207367 S ESU
Zanclognatha martha PINE BARRENS ZANCLOGNATHA Moth	UNPROTECTED G4 S1S2	A 1979-07	CROSSGATES EAST OF RAPP ROAD ON A POWERLINE SOUTH OF WASHINGTON AVENUE AND NORTH WEST OF CROSSGATES MALL.	Powerline right-of-way.	4207367 S
Botrychium oneidense BLUNT-LOBE GRAPE FERN Vascular Plant	ENDANGERED G4Q S1S3	H 1929-10-16	GUILDERLAND		4207368
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	F 1979	MAD HATTER/WESTVILLE APARTMENT ALBANY PINE BUSH AREA, MAD HATTER/WESTVILLE APARTMENTS. [FROM ROUTE 20 IN WESTMERE, TAKE NORMANSKILL ROAD SOUTHWEST APPROXIMATELY 1.25 MI. BUTTERFLIES ARE APPROXIMATELY 0.2 MI EAST OF ROAD].	Partially mined-out parabolic dune west of an unnamed ravine system which feeds into the Normans Kill. Southernmost Karner blue population known in New York.	4207367 S ESU
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	F 1979	RAILROAD AVENUE ALBANY PINE BUSH AREA: RAILROAD AVENUE [FROM MCKNOWNVILLE, TAKE FULLER ROAD NORTHEAST APPROXIMATELY 1.25 MI, SOUTHEAST ON RAILROAD TRACKS APPROXIMATELY 0.6 MI. BUTTERFLIES OCCUR JUST NORTH OF TRACKS.].	Pine barrens remnant surrounded on 3 sides by a warehousing district and on the other side by the railroad.	4207367 S ESU

303624

Natural Heritage Report on Rare Species and Ecological Communities

Prepared 16 May 2002 by NY Natural Heritage Program, NYS DEC, Albany, New York

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* County
** Town

Scientifc Name, COMMON NAME, & Group Name	NY Legal Status, Heritage Ranks, &	EO Rank & Last Seen	Detailed Location	General Habitat	Office Use
* ALBANY					
** GUILDERLAND					
Lycaeides melissa samuelis KARNER BLUE Butterfly/Skipper	ENDANGERED G5T2 S1 LE	F 1995-06-19	VAUGHN DRIVE POWERLINE ROW FROM THE JUNCTION OF BIRCH DRIVE AND VAUGHN DRIVE, WALK SOUTHEAST ON POWERLINE RIGHT-OF-WAY TO BURNED AREA.	Powerline right-of-way that appears to have been burned in late 1980s. Nectaring plants: 1999: lupine, spotted knapweed. 1995-07-20: milkweed, Spirea, knapweed. 1995-07-10: honeysuckle, creeping dewberry. 1994-07-22: horsemint, lupine.	4207367 S ESU
** GUILDERLAND, CITY OF ALBANY					
PITCH PINE-SCRUB OAK BARRENS Community	UNPROTECTED G2 S1	B 2001-05-15	ALBANY PINE BUSH From the Town of Colonie, take Central Avenue (state Route 5) northwest to state Route 155, turn left (southwest) and travel 1.3 miles to the trailhead on the left (south) side of Route 155. Follow the blue trail through a narrow band of trees to th	A moderate sized pitch pine-scrub oak barrens in excellent condition in a fragmented landscape. A moderate sized barrens with excellent physiognomic diversity in a fragmented landscape. Size: B. Condition: A. Landscape: B.	4207368
** GUILDERLAND, CITY OF ALBANY, COLONIE					
Phyciodes batesii batesii TAWNY CRESCENT Butterfly/Skipper	UNPROTECTED G4T1 SH	H 1970S	KARNER Albany Pine Bush.	Pine barrens.	4207367
** GUILDERLAND, COLONIE, CITY OF ALBANY					

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Natural Heritage Report on Rare Species and Ecological Communities

Prepared 16 May 2002 by NY Natural Heritage Program, NYS DEC, Albany, New York

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We do not always provide maps of locations of species most vulnerable to disturbance, nor of some records whose locations and/or extents are not precisely known or are too large to display.

* *County*
** Town

Scientifc Name, COMMON NAME, & Group Name	NY Legal Status, Heritage Ranks, &	EO Rank & Last Seen	Detailed Location	General Habitat	Office Use
* ALBANY					
** GUILDERLAND, COLONIE, CITY OF ALBANY					
PITCH PINE-OAK FOREST Community	UNPROTECTED G4G5 S3S4	B 2001-05-17	ALBANY PINE BUSH Take Interstate 87 south to Western Avenue (Route 20), turn right (west), go four miles to Willow Street, turn right (north), go 1 mile to the end of Willow Street and to the Pine Barrens Parking lot (stay right at forks in Willow Street). From the	A relatively large community consisting of 9 patches. A relatively large forest with several invasive species and in a landscape that is fragmented by development. Size: A. Condition: C. Landscape: C.	4207368
Zanclognatha martha PINE BARRENS ZANCLOGNATHA Moth	UNPROTECTED G4 S1S2	A 1990	ALBANY PINE BUSH ALBANY PINE BUSH AREA.	Pitch pine scrub oak barrens. Persistant population in good habitat.	4207368 S

46 Records Processed

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Significant Habitats

DATE 5/20/02

REPORT ID #	NAME OF AREA	TYPE OF AREA	COUNTY	TOWN OR CITY	QUADRANGLE	LATITUDE (Deg Min Sec)	LONGITUDE (Deg Min Sec)
SW 01-018	Mad Hatter Karner Blue Site	Pines Barrens	Albany	Guilderland	Albany	42 40 36	73 52 16
SW 01-019	Shakers #1 Karner Blue Site	Pine Barrens	Albany	Colonie	Albany	42 43 41	73 48 11

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DIVISION OF ENVIRONMENTAL PERMITS

June 2001

REGION	COUNTIES	REGIONAL PERMIT ADMINISTRATORS
1	Nassau & Suffolk Telephone: (631) 444-0365	John Pavacic NYS-DEC BLDG. 40 SUNY at Stony Brook Stony Brook, NY 11790-2356
2	New York City (Boroughs of Manhattan, Brooklyn, Bronx, Queens, & Staten Island Telephone: (718) 482-4997	John Cryan NYS-DEC One Hunters Point Plaza 47-40 21st Street Long Island City, NY 11101-5407
3	Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster & Westchester Telephone: (845) 256-3054	Margaret Duke (Peg) NYS-DEC 21 South Putt Corners Road New Paltz, NY 12561-1696
4	Albany, Columbia, Greene, Montgomery, Rensselaer & Schenectady Telephone: (518) 357-2069	William Clarke NYS-DEC 1150 North Wescott Road Schenectady, NY 12306-2014
4 (sub-office)	Delaware, Otsego & Schoharie Telephone: (607) 652-7741	John Feltman NYS-DEC Route 10 HCR#1, Box 3A Stamford, NY 12167-9503
5	Clinton, Essex, Franklin & Hamilton Telephone: (518) 897-1234	Richard Wild NYS-DEC Route 86, PO Box 296 Ray Brook, NY 12977-0296
5 (sub-office)	Fulton, Saratoga, Warren & Washington Telephone: (518) 623-1281	Thomas Hall* NYS-DEC County Route 40 PO Box 220 Warrensburg, NY 12885-0220
6	Jefferson, Lewis & St. Lawrence Telephone: (315) 785-2245	Brian Fenlon NYS-DEC State Office Building 317 Washington Street Watertown, NY 13601-3787
6 (sub-office)	Herkimer & Oneida Telephone: (315) 793-2555	J. Joseph Homburger* NYS-DEC State Office Building 207 Genesee Street Utica, NY 13501-2885

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7	Broome, Cayuga, Chenango, Cortland, Madison, Onondaga, Oswego, Tioga & Tompkins Telephone: (315) 426-7438	Ralph Manna NYS-DEC 615 Erie Blvd. West (Env.Permits Room 206) Syracuse, NY 13204-2400
7 (sub-office)	 Telephone: (607) 753-3095	Michael Barylski* NYS-DEC 1285 Fisher Avenue Cortland, NY 13045-1090
8	Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne & Yates Telephone: (716) 226-5390	Peter Lent NYS-DEC 6274 East Avon Lima Road Avon, NY 14414-9519
9	Allegany, Cattaraugus, Chautauqua, Erie, Niagara & Wyoming Telephone: (716) 851-7165	Steve Doleski NYS-DEC 270 Michigan Avenue Buffalo, NY 14203-2999
9 (sub-office)	 Telephone: (716) 372-0645	Ken Taft* NYS-DEC 182 East Union, Suite 3 Allegany, NY 14706-1328

* Deputy Regional Permit Administrator

USERS GUIDE TO NY NATURAL HERITAGE DATA

New York Natural Heritage Program, 700 Troy-Schenectady Road, Latham NY 12110-2400 phone: (518) 783-3932

NATURAL HERITAGE PROGRAM: The Natural Heritage Program is an ongoing, systematic, scientific inventory whose goal is to compile and maintain data on the rare plants and animals native to New York State, and significant ecological communities. The data provided in the report facilitate sound planning, conservation, and natural resource management and help to conserve the plants, animals and ecological communities that represent New York's natural heritage.

DATA SENSITIVITY: The data provided in the report are ecologically sensitive and should be treated in a sensitive manner. The report is for your in-house use and should not be released, distributed or incorporated in a public document without prior permission from the Natural Heritage Program.

NATURAL HERITAGE REPORTS (may contain any of the following types of data):

COUNTY NAME: County where the occurrence of a rare species or significant ecological community is located.
TOWN NAME: Town where the occurrence of a rare species or significant ecological community is located.
USGS 7 ½' TOPOGRAPHIC MAP: Name of 7.5 minute US Geological Survey (USGS) quadrangle map (scale 1:24,000).

SIZE (acres): Approximate acres occupied by the rare species or significant ecological community at this location. A blank indicates unknown size.
SCIENTIFIC NAME: Scientific name of the occurrence of a rare species or significant ecological community.
COMMON NAME: Common name of the occurrence of a rare species or significant ecological community.
ELEMENT TYPE: Type of element (i.e. plant, animal, significant ecological community, other, etc.)

LAST SEEN: Year rare species or significant ecological community last observed extant at this location.

EO RANK: Comparative evaluation summarizing the quality, condition, viability and defensibility of this occurrence. Use with LAST SEEN.
A-E = Extant: A=excellent, B=good, C=marginal, D=poor, E=extant but with insufficient data to assign a rank of A - D.
F = Failed to find. Did not locate species, but habitat is still there and further field work is justified.
H = Historical. Historical occurrence without any recent field information.
X = Extirpated. Field/other data indicates element/habitat is destroyed and the element no longer exists at this location.
? = Unknown.
Blank = Not assigned.

NEW YORK STATE STATUS (animals): Categories of Endangered and Threatened species are defined in New York State Environmental Conservation Law section 11-0535. Endangered, Threatened, and Special Concern species are listed in regulation 6NYCRR 182.5.
E = Endangered Species: any species which meet one of the following criteria:
1) Any native species in imminent danger of extirpation or extinction in New York.
2) Any species listed as endangered by the United States Department of the Interior, as enumerated in the Code of Federal Regulations 50 CFR 17.11.
T = Threatened Species: any species which meet one of the following criteria:
1) Any native species likely to become an endangered species within the foreseeable future in NY.
2) Any species listed as threatened by the U.S. Department of the Interior, as enumerated in the Code of the Federal Regulations 50 CFR 17.11.
SC = Special Concern Species: those species which are not yet recognized as endangered or threatened, but for which documented concern exists for their continued welfare in New York. Unlike the first two categories, species of special concern receive no additional legal protection under Environmental Conservation Law section 11-0535 (Endangered and Threatened Species).
P = Protected Wildlife (defined in Environmental Conservation Law section 11-0103): wild game, protected wild birds, and endangered species of wildlife.
U = Unprotected (defined in Environmental Conservation Law section 11-0103): the species may be taken at any time without limit; however a license to take may be required.
G = Game (defined in Environmental Conservation Law section 11-0103): any of a variety of big game or small game species as stated in the Environmental Conservation Law; many normally have an open season for at least part of the year, and are protected at other times.

NEW YORK STATE STATUS (plants): The following categories are defined in regulation 6NYCRR part 193.3 and apply to NYS Environmental Conservation Law section 9-1503.
E = Endangered Species: listed species are those with:
1) 5 or fewer extant sites, or
2) fewer than 1,000 individuals, or
3) restricted to fewer than 4 U.S.G.S. 7 ½ minute topographical maps, or
4) species listed as endangered by U.S. Department of Interior, as enumerated in Code of Federal Regulations 50 CFR 17.11.
T = Threatened: listed species are those with:
1) 6 to fewer than 20 extant sites, or
2) 1,000 to fewer than 3,000 individuals, or
3) restricted to not less than 4 or more than 7 U.S.G.S. 7 and ½ minute topographical maps, or
4) listed as threatened by U.S. Department of Interior, as enumerated in Code of Federal Regulations 50 CFR 17.11.
R = Rare: listed species have:
1) 20 to 35 extant sites, or
2) 3,000 to 5,000 individuals statewide.

continued on next page

V = Exploitably vulnerable: listed species are likely to become threatened in the near future throughout all or a significant portion of their range within the state if causal factors continue unchecked.
U = Unprotected; no state status.

NEW YORK STATE STATUS (communities): At this time there are no categories defined for communities.

FEDERAL STATUS (plants and animals): The categories of federal status are defined by the United States Department of the Interior as part of th 1974 Endangered Species Act (see Code of Federal Regulations 50 CFR 17). The species listed under this law are enumerated in the Federal Registe vol. 50, no. 188, pp. 39526 - 39527.

(blank) = No Federal Endangered Species Act status.
LE = The element is formally listed as endangered.
LT = The element is formally listed as threatened.
E/SA = The element is treated as endangered because of similarity of appearance to other endangered species or subspecies.
PE = The element is proposed as endangered.
PT = The element is proposed as threatened.
C= The element is a candidate for listing.
(LE) = If the element is a full species, all subspecies or varieties are listed as endangered; if the element is a subspecies, the full species is listed as endangered.
(LE-LT) = The species is formally listed as endangered in part of its range, and as threatened in the other part; or, one or more subspecies or varieties is listed as endangered, and the others are listed as threatened.
(LT-C) = The species is formally listed as threatened in part of its range, and as a candidate for listing in the other part; or, one or more subspecies varieties is listed as threatened, and the others are candidates for listing.
(LT-(T/SA)) = One or more subspecies or populations of the species is formally listed as threatened, and the others are treated as threatened because of similarity of appearance to the listed threatened subspecies or populations.
(PS) = Partial status: the species is listed in parts of its range and not in others; or, one or more subspecies or varieties is listed, while the others are not listed.

GLOBAL AND STATE RANKS (animals, plants, ecological communities and others): Each element has a global and state rank as determined by the NY Natural Heritage Program. These ranks carry no legal weight. The global rank reflects the rarity of the element throughout the world and the state rank reflects the rarity within New York State. Infraspecific taxa are also assigned a taxon rank to reflect the infraspecific taxon's rank throughou the world. ? = Indicates a question exists about the rank. Range ranks, e.g. S1S2, indicate not enough information is available to distinguish between two ranks.

GLOBAL RANK:
G1 = Critically imperiled globally because of extreme rarity (5 or fewer occurrences), or very few remaining acres, or miles of stream) or especially vulnerable to extinction because of some factor of its biology.
G2 = Imperiled globally because of rarity (6 - 20 occurrences, or few remaining acres, or miles of stream) or very vulnerable to extinction throughout its range because of other factors.
G3 = Either rare and local throughout its range (21 to 100 occurrences), or found locally (even abundantly at some of its locations) in a restricted range (e.g. a physiographic region), or vulnerable to extinction throughout its range because of other factors.
G4 = Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
G5 = Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.
GH = Historically known, with the expectation that it might be rediscovered.
GX = Species believed to be extinct.

STATE RANK:
S1 = Typically 5 or fewer occurrences, very few remaining individuals, acres, or miles of stream, or some factor of its biology making it especially vulnerable in New York State.
S2 = Typically 6 to 20 occurrences, few remaining individuals, acres, or miles of stream, or factors demonstrably making it very vulnerable in New York State.
S3 = Typically 21 to 100 occurrences, limited acreage, or miles of stream in New York State.
S4 = Apparently secure in New York State.
S5 = Demonstrably secure in New York State.
SH = Historically known from New York State, but not seen in the past 15 years.
SX = Apparently extirpated from New York State.
SZ = Present in New York State only as a transient migrant.

SxB and SxN, where Sx is one of the codes above, are used for migratory animals, and refer to the rarity within New York State of the breeding (B) populations and the non-breeding populations (N), respectively, of the species.

TAXON (T) RANK: The T-ranks (T1 - T5) are defined the same way as the Global ranks (G1 - G5), but the T-rank refers only to the rarity of the subspecific taxon.
T1 through T5 = See Global Rank definitions above.
Q = Indicates a question exists whether or not the taxon is a good taxonomic entity.

OFFICE USE: Information for use by the Natural Heritage Program.

Appendix J

Appendix J

Complete Set of Analytical Data

Sample Analysis Qualifiers

Organic Qualifiers:

U - Compound was analyzed for but not detected. The associated numerical value *is the sample quantitation limit.*

J - Estimated data due to exceeded quality control criteria.

N - Presumptive evidence of a compound.

P - The difference for detected concentration of a pesticide/Aroclor target analyte is greater than 25% between the two GC columns.

C - Identification of pesticide results was confirmed by GC/MS.

B - Analyte is found in the associated blank and in the sample.

E - Compound concentration exceeds the calibration range of the GC/MS instrument for that specific analysis.

D - Compound is identified at a secondary dilution factor.

A - TIC is suspected aldol - condensation product.

R - Data is rejected due to exceeded quality control criteria.

Inorganic Qualifiers:

B - Reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Analyte was analyzed for but not detected.

E - The reported value is estimated because of the presence of interference.

M - Duplicate injection precision not met.

N - Sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

W - Post-digestion spike for furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

R - Data is rejected.

* - Duplicate analysis not within control limits.

\+ - Correlation coefficient for the MSA is less than 0.995.

Sample Analysis Qualifiers

Organic Qualifiers:

U	-	Compound was analyzed for but not detected. The associated numerical value is the sample quantitation limit.
J	-	Estimated data due to exceeded quality control criteria.
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B	-	Analyte is found in the associated blank and in the sample.
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Inorganic Qualifiers:

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E	-	The reported value is estimated because of the presence of interference.
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N	-	Sample recovery is not within control limits.
S	-	The reported value was determined by the Method of Standard Additions (MSA).
W	-	Post-digestion spike for furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
R	-	Data is rejected.
*	-	Duplicate analysis not within control limits.
+	-	Correlation coefficient for the MSA is less than 0.995.

Table 1

Catch Basin Sediment Sample Results

303636

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1		SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3		SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall	
VOA-s	**Volatile Organics**							
75-71-8	Dichlorodifluoromethane	ug/kg	35	U	*metals*		*mercury*	
74-87-3	Chloromethane	ug/kg	35	U	analysis		analysis	
75-01-4	Vinyl Chloride	ug/kg	35	U	only		only	
74-83-9	Bromomethane	ug/kg	35	U				
75-00-3	Chloroethane	ug/kg	35	U				
75-69-4	Trichlorofluoromethane	ug/kg	35	U				
75-35-4	1,1-Dichloroethene	ug/kg	35	U				
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	35	U				
67-64-1	Acetone	ug/kg	110	UJ				
75-15-0	Carbon Disulfide	ug/kg	9	J				
79-20-9	Methyl Acetate	ug/kg	35	U				
75-09-2	Methylene Chloride	ug/kg	35	U				
156-60-5	trans-1,2-Dichloroethene	ug/kg	35	U				
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	35	U				
75-34-3	1,1-Dichloroethane	ug/kg	35	U				
156-59-2	cis-1,2-Dichloroethene	ug/kg	35	U				
78-93-3	2-Butanone	ug/kg	37					
67-66-3	Chloroform	ug/kg	35	U				
71-55-6	1,1,1-Trichloroethane	ug/kg	35	U				
110-82-7	Cyclohexane	ug/kg	35	U				
56-23-5	Carbon Tetrachloride	ug/kg	35	U				
71-43-2	Benzene	ug/kg	10	J				
107-06-2	1,2-Dichloroethane	ug/kg	35	U				
79-01-6	Trichloroethene	ug/kg	35	U				
108-87-2	Methylcyclohexane	ug/kg	35	U				
78-87-5	1,2-Dichloropropane	ug/kg	35	U				
75-27-4	Bromodichloromethane	ug/kg	35	U				
10061-01-5	cis-1,3-Dichloropropene	ug/kg	35	U				
108-10-1	4-Methyl-2-pentanone	ug/kg	35	U				
108-88-3	Toluene	ug/kg	17	J				
10061-02-6	trans-1,3-Dichloropropene	ug/kg	35	U				

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1		SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3		SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall	
79-00-5	1,1,2-Trichloroethane	ug/kg	35	U				
127-18-4	Tetrachloroethene	ug/kg	35	U	metals		mercury	
591-78-6	2-Hexanone	ug/kg	35	U	analysis		analysis	
124-48-1	Dibromochloromethane	ug/kg	35	U	only		only	
106-93-4	1,2-Dibromoethane	ug/kg	35	U				
108-90-7	Chlorobenzene	ug/kg	35	UJ				
100-41-4	Ethylbenzene	ug/kg	41	J				
1330-20-7	Xylenes (total)	ug/kg	130	J				
100-42-5	Styrene	ug/kg	35	UJ				
75-25-2	Bromoform	ug/kg	35	U				
98-82-8	Isopropylbenzene	ug/kg	8	J				
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	35	U				
541-73-1	1,3-Dichlorobenzene	ug/kg	35	UJ				
106-46-7	1,4-Dichlorobenzene	ug/kg	35	UJ				
95-50-1	1,2-Dichlorobenzene	ug/kg	35	UJ				
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	35	U				
120-82-1	1,2,4-Trichlorobenzene	ug/kg	35	UJ				

303638

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1		SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3		SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall	
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	180	J	metals		mercury	
108-95-2	Phenol	ug/kg	800	UJ	analysis		analysis	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	800	UJ	only		only	
95-57-8	2-Chlorophenol	ug/kg	800	UJ				
95-48-7	2-Methylphenol	ug/kg	800	UJ				
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	800	UJ				
98-86-2	Acetophenone	ug/kg	800	UJ				
106-44-5	4-Methylphenol	ug/kg	800	UJ				
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	800	UJ				
67-72-1	Hexachloroethene	ug/kg	800	UJ				
98-95-3	Nitrobenzene	ug/kg	800	UJ				
78-59-1	Isophorone	ug/kg	800	UJ				
88-75-5	2-Nitrophenol	ug/kg	800	UJ				
105-67-9	2,4-Dimethylphenol	ug/kg	800	UJ				
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	800	UJ				
120-83-2	2,4-Dichlorophenol	ug/kg	800	UJ				
91-20-3	Naphthalene	ug/kg	200	J				
106-47-8	p-Chloroaniline	ug/kg	800	UJ				
87-68-3	Hexachloro-1,3-butadiene	ug/kg	800	UJ				
105-60-2	Caprolactam	ug/kg	550	J				
59-50-7	4-Chloro-3-methylphenol	ug/kg	800	UJ				
91-57-6	2-Methylnaphthalene	ug/kg	110	J				
77-47-4	Hexachlorocyclopentadiene	ug/kg	800	UJ				
88-06-2	2,4,6-Trichlorophenol	ug/kg	800	UJ				
95-95-4	2,4,5-Trichlorophenol	ug/kg	2000	UJ				
92-52-4	1,1'-Biphenyl	ug/kg	85	J				
91-58-7	2-Chloronaphthalene	ug/kg	800	UJ				
88-74-4	2-Nitroaniline	ug/kg	2000	UJ				
131-11-3	Dimethyl phthalate	ug/kg	800	UJ				
606-20-2	2,6-Dinitrotoluene	ug/kg	800	UJ				
208-96-8	Acenaphthylene	ug/kg	800	UJ				
99-09-2	3-Nitrooaniline	ug/kg	2000	UJ				
83-32-9	Acenaphthene	ug/kg	800	UJ				

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1		SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3		SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall	
SV-2-s	**SemiVolatile Organics - Page 2**							
51-28-5	2,4-Dinitrophenol	ug/kg	2000	UJ	metals		mercury	
100-02-7	4-Nitrophenol	ug/kg	2000	UJ	analysis		analysis	
132-64-9	Dibenzofuran	ug/kg	800	UJ	only		only	
121-14-2	2,4-Dinitrotoluene	ug/kg	800	UJ				
84-66-2	Diethyl phthalate	ug/kg	800	UJ				
86-73-7	Fluorene	ug/kg	800	UJ				
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	800	UJ				
100-01-6	P-Nitroaniline	ug/kg	2000	UJ				
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	2000	UJ				
86-30-6	N-Nitrosodiphenylamine	ug/kg	800	UJ				
101-55-3	4-Bromophenyl phenyl ether	ug/kg	800	UJ				
118-74-1	Hexachlorobenzene	ug/kg	800	UJ				
1912-24-9	Atrazine	ug/kg	800	UJ				
87-86-5	Pentachlorophenol	ug/kg	2000	UJ				
85-01-8	Phenanthrene	ug/kg	670	J				
120-12-7	Anthracene	ug/kg	800	UJ				
86-74-8	Carbazole	ug/kg	89	J				
84-74-2	Di-n-butylphthalate	ug/kg	150	J				
206-44-0	Fluoranthene	ug/kg	810	J				
129-00-0	Pyrene	ug/kg	1200	J				
85-68-7	Benzyl butyl phthalate	ug/kg	150	J				
91-94-1	3,3`-Dichlorobenzidine	ug/kg	800	UJ				
56-55-3	Benzo(a)anthracene	ug/kg	460	J				
218-01-9	Chrysene	ug/kg	810	J				
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2900	J				
117-84-0	Di-n-octylphthalate	ug/kg	800	UJ				
205-99-2	Benzo(b)fluoranthene	ug/kg	900	J				
207-08-9	Benzo(k)fluoranthene	ug/kg	460	J				
50-32-8	Benzo(a)pyrene	ug/kg	460	J				
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	410	J				
53-70-3	Dibenzo(a,h)anthracene	ug/kg	120	J				
191-24-2	Benzo(g,h,i)perylene	ug/kg	200	J				

303640

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1		SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3		SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall	
P/PCBs-s	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/kg	6.4	J	metals		mercury	
319-85-7	beta-BHC	ug/kg	0	R	analysis		analysis	
319-86-8	delta-BHC	ug/kg	0	R	only		only	
58-89-9	gamma-BHC (Lindane)	ug/kg	0	R				
76-44-8	Heptachlor	ug/kg	0	R				
309-00-2	Aldrin	ug/kg	23	J				
1024-57-3	Heptachlor Epoxide	ug/kg	11	NJ				
959-98-8	Endosulfan I	ug/kg	16	J				
60-57-1	Dieldrin	ug/kg	0	R				
72-55-9	4,4'-DDE	ug/kg	39	J				
72-20-8	Endrin	ug/kg	15	J				
33213-65-9	Endosulfan II	ug/kg	0	R				
72-54-8	4,4'-DDD	ug/kg	28	J				
1031-07-8	Endosulfan Sulfate	ug/kg	0	R				
50-29-3	4,4'-DDT	ug/kg	0	R				
72-43-5	Methoxychlor	ug/kg	0	R				
53494-70-5	Endrin Ketone	ug/kg	140	DJ				
7421-93-4	Endrin Aldehyde	ug/kg	130	DJ				
5103-71-9	alpha-Chlordane	ug/kg	22	J				
5103-74-2	gamma-Chlordane	ug/kg	0	R				
8001-35-2	Toxphene	ug/kg	0	R				
12674-11-2	Aroclor-1016	ug/kg	0	R				
11104-28-2	Aroclor-1221	ug/kg	0	R				
11141-16-5	Aroclor-1232	ug/kg	0	R				
53469-21-9	Aroclor-1242	ug/kg	0	R				
12672-29-6	Aroclor-1248	ug/kg	0	R				
11097-69-1	Aroclor-1254	ug/kg	0	R				
11096-82-5	Aroclor-1260	ug/kg	0	R				

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1		SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3		SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall	
Inorg-w	**Inorganic Analytes**							
7429-90-5	Aluminum	mg/kg	5670	J	2600	J		
7440-36-0	Antimony	mg/kg	34	BJ	2.9	UJ	mercury	
7440-38-2	Arsenic	mg/kg	9	J	2.8	BJ	analysis	
7440-39-3	Barium	mg/kg	162	J	129	BJ	only	
7440-41-7	Beryllium	mg/kg	0.54	BJ	0.86	BJ		
7440-43-9	Cadmium	mg/kg	47.4	J	1.6	BJ		
7440-70-2	Calcium	mg/kg	21400	J	6890	J		
7440-47-3	Chromium	mg/kg	86.4	*J	12.6	J		
7440-48-4	Cobalt	mg/kg	9.2	BJ	1.2	UJ		
7440-50-8	Copper	mg/kg	533	J	57.6	EJ		
7439-89-6	Iron	mg/kg	31200	J	6820	J		
7439-92-1	Lead	mg/kg	345	J	35.9	J		
7439-95-4	Magnesium	mg/kg	8300	J	2170	BJ		
7439-96-5	Manganese	mg/kg	537	J	0	R		
7439-97-6	Mercury	mg/kg	152	J	0	R		
7440-02-0	Nickel	mg/kg	105	EJ	13	BEJ		
7440-09-7	Potassium	mg/kg	1090	BEJ	652	BEJ		
7782-49-2	Selenium	mg/kg	4.6	J	3.3	UJ		
7440-22-4	Silver	mg/kg	550	NJ	14.8	J		
7440-23-5	Sodium	mg/kg	516	BJ	389	BJ		
7440-28-0	Thallium	mg/kg	5.6	BJ	3.9	UJ		
7440-62-2	Vanadium	mg/kg	24.1	BJ	15.5	BJ		
7440-66-6	Zinc	mg/kg	2490	J	1090	J		
Add-I	**Additional Parameters**							
7440-23-5	Sodium	MEQ/kg	1100		metals		mercury	
GIS-110-012	Total Organic Carbon	mg/kg	82900		analysis		analysis	
12408-02-5	pH	S.U.	6.55		only		only	
Extra HG-S	**Extra Mercury Analyses**							
7439-97-6	Mercury	ug/g	218.86		12.24		13.48	
22967-92-6	Methyl Mercury	ng/g	263.53		61.56		136.19	

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Table 2

Catch Basin Surface Water Sample Results

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		Sample Code	SWC-01		SWC-02		SWC-03		SWC-03-D		SWC-04		SWC-05		SWC-06	
		Sample Date	11/12/2001		11/12/2001		11/13/2001		11/13/2001		11/14/2001		11/14/2001		11/15/2001	
Cas Rn	Chemical Name	Unit \\ Location	CB-1		CB-2		CB-3		CB-3		CB-4		CB-5		CB-outfall	
VOA-w	**Volatile Organics**															
75-71-8	Dichlorodifluoromethane	ug/l	10	UJ	10	U	100	UJ	100	UJ	10	UJ	10	UJ	10	UJ
74-87-3	Chloromethane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
75-01-4	Vinyl Chloride	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
74-83-9	Bromomethane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
75-00-3	Chloroethane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
75-69-4	Trichlorofluoromethane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	UJ
75-35-4	1,1-Dichloroethene	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
67-64-1	Acetone	ug/l	45	UJ	48	UJ	100	UJ	100	UJ	14	UJ	10	UJ	10	U
75-15-0	Carbon Disulfide	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
79-20-9	Methyl Acetate	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
75-09-2	Methylene Chloride	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
156-60-5	trans-1,2-Dichloroethene	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	UJ	10	UJ	100	UJ	100	UJ	10	UJ	10	UJ	10	UJ
75-34-3	1,1-Dichloroethane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
156-59-2	cis-1,2-Dichloroethene	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
78-93-3	2-Butanone	ug/l	10	UJ	10	UJ	100	U	100	U	10	U	10	U	10	U
67-66-3	Chloroform	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
71-55-6	1,1,1-Trichloroethane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
110-82-7	Cyclohexane	ug/l	10	UJ	10	UJ	100	UJ	100	UJ	10	UJ	10	UJ	10	U
56-23-5	Carbon Tetrachloride	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
71-43-2	Benzene	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
107-06-2	1,2-Dichloroethane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
79-01-6	Trichloroethene	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
108-87-2	Methylcyclohexane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
78-87-5	1,2-Dichloropropane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
75-27-4	Bromodichloromethane	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	10	UJ	10	U	100	U	100	U	10	U	10	U	10	UJ
108-10-1	4-Methyl-2-pentanone	ug/l	10	UJ	10	UJ	100	UJ	100	UJ	10	UJ	10	UJ	10	UJ

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		Sample Code	SWC-01	SWC-02	SWC-03	SWC-03-D	SWC-04	SWC-05	SWC-06
		Sample Date	11/12/2001	11/12/2001	11/13/2001	11/13/2001	11/14/2001	11/14/2001	11/15/2001
Cas Rn	Chemical Name	Unit \\ Location	CB-1	CB-2	CB-3	CB-3	CB-4	CB-5	CB-outfall
108-88-3	Toluene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 UJ
79-00-5	1,1,2-Trichloroethane	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/l	10 UJ	10 UJ	100 U	100 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
100-42-5	Styrene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
75-25-2	Bromoform	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	10 UJ	10 UJ	100 U	100 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	10 UJ	10 U	100 U	100 U	10 U	10 U	10 U

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWC-01 11/12/2001 CB-1		SWC-02 11/12/2001 CB-2		SWC-03 11/13/2001 CB-3		SWC-03-D 11/13/2001 CB-3		SWC-04 11/14/2001 CB-4		SWC-05 11/14/2001 CB-5		SWC-06 11/15/2001 CB-outfall	
SV-1-w	**SemiVolatile Organics - Page 1**															
100-52-7	Benzaldehyde	ug/l	0	R	0	R	4	J	5	J	0	R	0	R	0	R
108-95-2	Phenol	ug/l	10	U	10	U	200	D	210	D	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	10	U	10	U	79		79		10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
98-86-2	Acetophenone	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	10	U	10	U	10	U	13		10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	25	U	25	U	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	UJ	25	UJ	25	UJ
131-11-3	Dimethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitrooaniline	ug/l	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
83-32-9	Acenaphthene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWC-01 11/12/2001 CB-1		SWC-02 11/12/2001 CB-2		SWC-03 11/13/2001 CB-3		SWC-03-D 11/13/2001 CB-3		SWC-04 11/14/2001 CB-4		SWC-05 11/14/2001 CB-5		SWC-06 11/15/2001 CB-outfall	
SV-2-w	**SemiVolatile Organics - Page 2**															
51-28-5	2,4-Dinitrophenol	ug/l	0	R	0	R	0	R	0	R	0	R	0	R	0	R
100-02-7	4-Nitrophenol	ug/l	25	U	25	U	25	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	UJ
84-66-2	Diethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	ug/l	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
85-01-8	Phenanthrene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
84-74-2	Di-n-butylphthalate	ug/l	10	U	10	U	10	U	1	J	1	J	1	J	10	U
206-44-0	Fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
85-68-7	Benzyl butyl phthalate	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	1	J	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
56-55-3	Benzo(a)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	10	UJ	6	J	3	J	3	J	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
205-99-2	Benzo(b)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U

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		Sample Code	SWC-01		SWC-02		SWC-03		SWC-03-D		SWC-04		SWC-05		SWC-06	
		Sample Date	11/12/2001		11/12/2001		11/13/2001		11/13/2001		11/14/2001		11/14/2001		11/15/2001	
Cas Rn	Chemical Name	Unit \\ Location	CB-1		CB-2		CB-3		CB-3		CB-4		CB-5		CB-outfall	
P/PCBs-w	**Pesticides/PCB Organics**															
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U	0.05	UJ	0.18	J	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U	0.056	NJ	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U	0.05	UJ	0.06	NJ	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U

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		Sample Code	SWC-01		SWC-02		SWC-03		SWC-03-D		SWC-04		SWC-05		SWC-06	
		Sample Date	11/12/2001		11/12/2001		11/13/2001		11/13/2001		11/14/2001		11/14/2001		11/15/2001	
Cas Rn	Chemical Name	Unit \\ Location	CB-1		CB-2		CB-3		CB-3		CB-4		CB-5		CB-outfall	
Inorg-w	**Inorganic Analytes**															
7429-90-5	Aluminum	ug/l	951	EJ	563	EJ	862	EJ	870	EJ	127	BE	394	EJ	725	EJ
7440-36-0	Antimony	ug/l	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	5.8	B	3.6	U
7440-38-2	Arsenic	ug/l	4.3	B	3.9	B	7.8	B	4.2	B	3.2	U	14.1		10.1	
7440-39-3	Barium	ug/l	191	B	131	B	199	B	208		86.7	B	105	B	223	
7440-41-7	Beryllium	ug/l	1.1	B	1.2	B	0.3	U	1.2	B	0.3	U	0.3	U	0.3	U
7440-43-9	Cadmium	ug/l	4.9	B	1.5	B	0.4	U	0.4	U	0.46	B	0.88	B	0.4	U
7440-70-2	Calcium	ug/l	64600		45300		91100		87500		43100		43600		144000	
7440-47-3	Chromium	ug/l	5.4	B	1.9	B	4.2	B	4.3	B	0.6	U	2.4	B	1.3	B
7440-48-4	Cobalt	ug/l	1.6	B	1.5	U	1.8	B	1.5	B	1.5	U	1.5	U	1.5	U
7440-50-8	Copper	ug/l	93	EJ	37.1	EJ	27	J	33.3	J	9	B	14.2	B	13.2	B
7439-89-6	Iron	ug/l	5630		10300		53000		50300		4170		9610		9790	
7439-92-1	Lead	ug/l	29.8	*J	12.9	*J	12.1	J	21.3	J	2.8	BJ	11.4	J	11.1	J
7439-95-4	Magnesium	ug/l	4920	B	2310	B	8720		8450		2180	B	2350	B	22900	
7439-96-5	Manganese	ug/l	249	*	144	*	1320		1270		259		318		267	
7439-97-6	Mercury	ug/l	36.8		20.7		2.7		2.4		5.3		7.9		5.9	
7440-02-0	Nickel	ug/l	16	B	16.5	B	28.4	B	12.8	B	11.9	B	19.8	B	12.6	B
7440-09-7	Potassium	ug/l	36100	EJ	30500	EJ	57400	EJ	54300	EJ	22200	EJ	27900	EJ	40400	EJ
7782-49-2	Selenium	ug/l	4.1	UJ	4.1	UJ	4.1	U	4.1	U	4.1	U	6.8		4.1	U
7440-22-4	Silver	ug/l	43.5		9.6	B	8.1	B	4.6	B	2.1	B	2.7	B	1.1	B
7440-23-5	Sodium	ug/l	57800		40600		31300		29700		33100		60700		226000	
7440-28-0	Thallium	ug/l	4.9	U	4.9	U	9.1	BJ	5.4	BJ	7.9	BJ	5.7	BJ	7.3	BJ
7440-62-2	Vanadium	ug/l	4.2	B	3.4	B	8.6	B	8.2	B	3.7	B	8.6	B	7	B
7440-66-6	Zinc	ug/l	304	*	226	*	584		592		103		196		135	
Extra HG-W	**Extra Mercury Analyses**															
7439-97-6	Mercury	ug/l	38.5		13.8		1.35		2.17		3.92		0.75		0.13	
22967-92-6	Methyl Mercury	ng/l	69.74		10.14		3.32		4.59		158.3		131		6.31	
WetChem-GW	**Wet Chemistry for Groundwater Samples**															
GIS-210-003	Hardness as CaC03	mg/l	180		120		270		300		180		200		160	
GIS-210-010	Total Dissolved Solids	mg/l	450		300		710		730		260		500		1100	
GIS-210-009	Total Suspended Solids	mg/l	1200		120		160		180		18		50		76	
14808-79-8	Sulfate (as SO4)	mg/l	12.1		11.7		105		115		14.7		26.2		60.2	
GIS-110-012	Total Organic Carbon	mg/l					350		340		16		22		4.7	

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Table 3

Stream and Pond Sediment Sample Results

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01		SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02		SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
74-87-3	Chloromethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
75-01-4	Vinyl Chloride	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
74-83-9	Bromomethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
75-00-3	Chloroethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
75-69-4	Trichlorofluoromethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
75-35-4	1,1-Dichloroethene	ug/kg	12	UJ	11	UJ	11	UJ	11	UJ	10	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	12	UJ	11	UJ	11	UJ	11	UJ	10	UJ
67-64-1	Acetone	ug/kg	110		24	UJ	11	UJ	11	UJ	650	J
75-15-0	Carbon Disulfide	ug/kg	31	J	11	UJ	11	UJ	11	UJ	18	J
79-20-9	Methyl Acetate	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
75-09-2	Methylene Chloride	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
75-34-3	1,1-Dichloroethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
78-93-3	2-Butanone	ug/kg	9	J	3	J	3	J	11	UJ	4	J
67-66-3	Chloroform	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
71-55-6	1,1,1-Trichloroethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
110-82-7	Cyclohexane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
56-23-5	Carbon Tetrachloride	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
71-43-2	Benzene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
107-06-2	1,2-Dichloroethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
79-01-6	Trichloroethene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
108-87-2	Methylcyclohexane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
78-87-5	1,2-Dichloropropane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
75-27-4	Bromodichloromethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
108-10-1	4-Methyl-2-pentanone	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U

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Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01		SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02		SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04	
108-88-3	Toluene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
79-00-5	1,1,2-Trichloroethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
127-18-4	Tetrachloroethene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
591-78-6	2-Hexanone	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
124-48-1	Dibromochloromethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
106-93-4	1,2-Dibromoethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
108-90-7	Chlorobenzene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
100-41-4	Ethylbenzene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
1330-20-7	Xylenes (total)	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
100-42-5	Styrene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
75-25-2	Bromoform	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
98-82-8	Isopropylbenzene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
541-73-1	1,3-Dichlorobenzene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
106-46-7	1,4-Dichlorobenzene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
95-50-1	1,2-Dichlorobenzene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	12	U	11	UJ	11	UJ	11	UJ	10	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01		SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02		SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	12	J	0	R	0	R	0	R	6	J
108-95-2	Phenol	ug/kg	430	U	410	U	400	U	400	UJ	380	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	430	U	410	U	400	U	400	UJ	380	U
95-57-8	2-Chlorophenol	ug/kg	430	U	410	U	400	U	400	UJ	380	U
95-48-7	2-Methylphenol	ug/kg	430	U	410	U	400	U	400	UJ	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	430	U	410	UJ	400	UJ	400	UJ	380	U
98-86-2	Acetophenone	ug/kg	430	U	410	U	400	U	400	UJ	380	U
106-44-5	4-Methylphenol	ug/kg	430	U	410	U	400	U	400	UJ	380	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	430	U	410	U	400	U	400	UJ	380	U
67-72-1	Hexachloroethene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
98-95-3	Nitrobenzene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
78-59-1	Isophorone	ug/kg	430	U	410	U	400	U	400	UJ	380	U
88-75-5	2-Nitrophenol	ug/kg	430	U	410	U	400	U	400	UJ	380	U
105-67-9	2,4-Dimethylphenol	ug/kg	430	U	410	U	400	U	400	UJ	380	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	430	U	410	U	400	U	400	UJ	380	U
120-83-2	2,4-Dichlorophenol	ug/kg	430	U	410	U	400	U	400	UJ	380	U
91-20-3	Naphthalene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
106-47-8	p-Chloroaniline	ug/kg	430	U	410	U	400	U	400	UJ	380	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
105-60-2	Caprolactam	ug/kg	430	U	410	U	400	U	400	UJ	380	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	430	U	410	U	400	U	400	UJ	380	U
91-57-6	2-Methylnaphthalene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	430	U	410	UJ	400	UJ	400	UJ	380	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	430	U	410	U	400	U	400	UJ	380	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	1100	U	1000	U	1000	U	1000	UJ	970	U
92-52-4	1,1'-Biphenyl	ug/kg	430	U	410	U	400	U	400	UJ	380	U
91-58-7	2-Chloronaphthalene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
88-74-4	2-Nitroaniline	ug/kg	1100	U	1000	U	1000	U	1000	UJ	970	U
131-11-3	Dimethyl phthalate	ug/kg	430	U	410	U	400	U	400	UJ	380	U
606-20-2	2,6-Dinitrotoluene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
208-96-8	Acenaphthylene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
99-09-2	3-Nitrooaniline	ug/kg	1100	U	1000	UJ	1000	UJ	1000	UJ	970	U
83-32-9	Acenaphthene	ug/kg	430	U	180	J	400	U	400	UJ	15	J

303653

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01		SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02		SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	1100	U	0	R	0	R	0	R	970	U
100-02-7	4-Nitrophenol	ug/kg	1100	U	1000	U	1000	U	1000	UJ	970	U
132-64-9	Dibenzofuran	ug/kg	430	U	100	J	400	U	400	UJ	11	J
121-14-2	2,4-Dinitrotoluene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
84-66-2	Diethyl phthalate	ug/kg	430	U	410	U	400	U	400	UJ	380	U
86-73-7	Fluorene	ug/kg	430	U	220	J	400	U	400	UJ	21	J
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	430	U	410	U	400	U	400	UJ	380	U
100-01-6	P-Nitroaniline	ug/kg	1100	U	1000	UJ	1000	UJ	1000	UJ	970	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1100	U	1000	U	1000	U	1000	UJ	970	U
86-30-6	N-Nitrosodiphenylamine	ug/kg	430	U	410	U	400	U	400	UJ	380	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	430	U	410	U	400	U	400	UJ	380	U
118-74-1	Hexachlorobenzene	ug/kg	430	U	410	U	400	U	400	UJ	380	U
1912-24-9	Atrazine	ug/kg	430	U	410	U	400	U	400	UJ	380	U
87-86-5	Pentachlorophenol	ug/kg	1100	U	1000	UJ	1000	UJ	1000	UJ	970	U
85-01-8	Phenanthrene	ug/kg	430	U	2300		160	J	240	J	150	J
120-12-7	Anthracene	ug/kg	430	U	420		400	U	49	J	30	J
86-74-8	Carbazole	ug/kg	430	U	330	J	400	UJ	400	UJ	20	J
84-74-2	Di-n-butylphthalate	ug/kg	430	U	48	J	400	U	400	UJ	380	U
206-44-0	Fluoranthene	ug/kg	37	J	3300		370	J	330	J	220	J
129-00-0	Pyrene	ug/kg	31	J	2800	J	320	J	1300	J	180	J
85-68-7	Benzyl butyl phthalate	ug/kg	430	U	290	J	400	UJ	400	UJ	380	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	430	U	0	R	0	R	0	R	380	U
56-55-3	Benzo(a)anthracene	ug/kg	430	U	1300		150	J	110	J	76	J
218-01-9	Chrysene	ug/kg	430	U	1600		210	J	200	J	110	J
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	430	U	390	J	69	J	46	J	380	U
117-84-0	Di-n-octylphthalate	ug/kg	32	J	0	R	0	R	0	R	380	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	27	J	1600		190	J	180	J	130	J
207-08-9	Benzo(k)fluoranthene	ug/kg	26	J	1200		170	J	190	J	82	J
50-32-8	Benzo(a)pyrene	ug/kg	19	J	980		150	J	230	J	76	J
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	18	J	870		130	J	160	J	49	J
53-70-3	Dibenzo(a,h)anthracene	ug/kg	430	U	280	J	400	U	400	UJ	21	J
191-24-2	Benzo(g,h,i)perylene	ug/kg	430	U	410	U	400	U	400	UJ	380	U

303654

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01		SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02		SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.2	U	2.1	U	2.1	U	2.1	U	2	U
319-85-7	beta-BHC	ug/kg	2.2	U	2.1	U	2.1	U	2.1	U	2	U
319-86-8	delta-BHC	ug/kg	2.2	U	2.1	U	2.1	U	2.1	U	2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.2	U	2.1	U	2.1	U	2.1	U	2	U
76-44-8	Heptachlor	ug/kg	2.2	U	2.1	U	2.1	U	2.1	U	2	U
309-00-2	Aldrin	ug/kg	2.2	U	2.1	U	2.1	U	2.1	U	2	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.2	U	2.1	U	2.1	U	2.1	U	2	U
959-98-8	Endosulfan I	ug/kg	2.2	U	2.1	U	2.1	U	2.1	U	2	U
60-57-1	Dieldrin	ug/kg	4.3	U	4.1	U	4	U	4	U	3.8	U
72-55-9	4,4'-DDE	ug/kg	4.3	U	4.1	U	4	U	4	U	3.8	U
72-20-8	Endrin	ug/kg	4.3	U	4.1	U	4	U	4	U	3.8	U
33213-65-9	Endosulfan II	ug/kg	4.3	U	4.1	U	4	U	4	U	3.8	U
72-54-8	4,4'-DDD	ug/kg	4.3	U	4.1	U	4	U	4	U	3.8	U
1031-07-8	Endosulfan Sulfate	ug/kg	4.3	U	4.1	U	4	U	4	U	3.8	U
50-29-3	4,4'-DDT	ug/kg	4.3	U	4.1	U	4	U	4	U	3.8	U
72-43-5	Methoxychlor	ug/kg	22	U	21	U	21	U	21	U	20	U
53494-70-5	Endrin Ketone	ug/kg	4.3	U	4.1	U	4	U	4	U	3.8	U
7421-93-4	Endrin Aldehyde	ug/kg	4.3	U	4.1	U	4	U	4	U	3.8	U
5103-71-9	alpha-Chlordane	ug/kg	2.2	U	2.1	U	2.1	U	2.1	U	2	U
5103-74-2	gamma-Chlordane	ug/kg	2.2	U	5.6	NJ	2.1	U	2.1	U	2	U
8001-35-2	Toxphene	ug/kg	220	U	210	U	210	U	210	U	200	U
12674-11-2	Aroclor-1016	ug/kg	43	U	41	U	40	U	40	U	38	U
11104-28-2	Aroclor-1221	ug/kg	87	U	83	U	82	U	82	U	78	U
11141-16-5	Aroclor-1232	ug/kg	43	U	41	U	40	U	40	U	38	U
53469-21-9	Aroclor-1242	ug/kg	43	U	41	U	40	U	40	U	38	U
12672-29-6	Aroclor-1248	ug/kg	43	U	41	U	40	U	40	U	38	U
11097-69-1	Aroclor-1254	ug/kg	43	U	41	U	40	U	40	U	38	U
11096-82-5	Aroclor-1260	ug/kg	43	U	410		40	U	40	U	38	U

303655

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01		SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02		SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	1800	J	5090		3810		2810		3770	J
7440-36-0	Antimony	mg/kg	1.3	U	0.86	U	0.88	U	0.86	U	1.5	U
7440-38-2	Arsenic	mg/kg	1.1	U	4.1		4.4		1.9	B	2.9	B
7440-39-3	Barium	mg/kg	11	B	51.7		29.1	B	45.4	B	21.6	B
7440-41-7	Beryllium	mg/kg	0.63	B	0.32	B	0.25	B	0.19	B	0.78	B
7440-43-9	Cadmium	mg/kg	0.27	U	0.1	U	0.1	U	1.1	U	0.29	U
7440-70-2	Calcium	mg/kg	4040	J	52900		4370		2890		13400	J
7440-47-3	Chromium	mg/kg	3.7		12.8	J	8.4	J	6	J	8.1	J
7440-48-4	Cobalt	mg/kg	1.7	B	4.4	B	4.3	B	3	B	3.8	B
7440-50-8	Copper	mg/kg	12	J	29.3		27.1		18.9		7	B
7439-89-6	Iron	mg/kg	5830		16300		12100		8560		16100	
7439-92-1	Lead	mg/kg	6.3		72.9		23		17.7		5.6	
7439-95-4	Magnesium	mg/kg	860	B	10700		1940		1490		3610	
7439-96-5	Manganese	mg/kg	537	J	338		228		121		218	J
7439-97-6	Mercury	mg/kg	0.07	U	0.09	BJ	0.19	J	0.23	J	0.21	
7440-02-0	Nickel	mg/kg	3.6	B	13.2		9	B	6.3	B	9.4	B
7440-09-7	Potassium	mg/kg	125	B	675	BE	351	BE	269	BE	185	B
7782-49-2	Selenium	mg/kg	1.3	UJ	0.98	U	1	U	0.98	U	1.5	UJ
7440-22-4	Silver	mg/kg	0.54	U	0.21	UNJ	0.22	UNJ	0.22	UNJ	0.59	U
7440-23-5	Sodium	mg/kg	365	BJ	193	B	168	B	127	B	151	BJ
7440-28-0	Thallium	mg/kg	2.1	U	1.2	U	1.2	B	1.2	U	2.3	U
7440-62-2	Vanadium	mg/kg	6.7	B	13		11.1	B	9.3	B	15	
7440-66-6	Zinc	mg/kg	25.7	J	131		72.3		64.6		51.3	J

303656

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01		SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02		SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03		SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	680	ULJ	270	U	430		490	U	430	ULJ
GIS-110-012	Total Organic Carbon	mg/kg	4700	J	13500		10700		9760		3390	J
12408-02-5	pH	S.U.	7.43		7.66		7.55		7.6		7.95	
Extra HG-S	**Extra Mercury Analyses**											
7439-97-6	Mercury	ug/g	0.01		0.04		0.21		0.2		0.28	
22967-92-6	Methyl Mercury	ng/g	0.13		0.26		0.84		2.33		0.56	
Grain-90	**Grain - 6 members**											
105	<105	%	4.53		2.26		24		23.4		9.64	
105-425	105-425	%	82.7		27		60		60.7		45.7	
425 - 500	425 - 500	%	2.51		4.3		1.28		1.28		1.78	
500 - 850	500 - 850	%	3.09		15.6		2.92		2.76		5.29	
850 - 2380	850 - 2380	%	3.44		30.6		5.68		5.05		21.1	
2380	>2380	%	3.7		20.2		6.04		6.81		16.6	

303657

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06		SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07		SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	12	U	11	U	11	U	10	U	10	U
74-87-3	Chloromethane	ug/kg	12	U	11	U	11	U	10	U	10	U
75-01-4	Vinyl Chloride	ug/kg	12	U	11	U	11	U	10	U	10	U
74-83-9	Bromomethane	ug/kg	12	U	11	U	11	U	10	U	10	U
75-00-3	Chloroethane	ug/kg	12	U	11	U	11	U	10	U	10	U
75-69-4	Trichlorofluoromethane	ug/kg	12	U	11	U	11	U	10	U	10	U
75-35-4	1,1-Dichloroethene	ug/kg	12	U	11	U	11	U	10	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	12	U	11	U	11	U	10	U	10	U
67-64-1	Acetone	ug/kg	24	U	19	U	25	U	10	U	10	U
75-15-0	Carbon Disulfide	ug/kg	12	U	2	J	11	U	10	U	3	J
79-20-9	Methyl Acetate	ug/kg	14		16		11	U	1	J	1	J
75-09-2	Methylene Chloride	ug/kg	12	U	11	U	11	U	10	U	10	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	12	U	11	U	11	U	10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	12	U	11	U	11	U	10	U	10	U
75-34-3	1,1-Dichloroethane	ug/kg	12	U	11	U	11	U	10	U	10	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	12	U	11	U	11	U	10	U	10	U
78-93-3	2-Butanone	ug/kg	12	U	11	U	11	U	10	U	10	U
67-66-3	Chloroform	ug/kg	12	U	11	U	11	U	10	U	10	U
71-55-6	1,1,1-Trichloroethane	ug/kg	12	U	11	U	11	U	10	U	10	U
110-82-7	Cyclohexane	ug/kg	12	U	11	U	11	U	10	U	10	U
56-23-5	Carbon Tetrachloride	ug/kg	12	U	11	U	11	U	10	U	10	U
71-43-2	Benzene	ug/kg	12	U	11	U	11	U	10	U	10	U
107-06-2	1,2-Dichloroethane	ug/kg	12	U	11	U	11	U	10	U	10	U
79-01-6	Trichloroethene	ug/kg	12	U	11	U	11	U	10	U	10	U
108-87-2	Methylcyclohexane	ug/kg	12	U	11	U	11	U	10	U	10	U
78-87-5	1,2-Dichloropropane	ug/kg	12	U	11	U	11	U	10	U	10	U
75-27-4	Bromodichloromethane	ug/kg	12	U	11	U	11	U	10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	12	U	11	U	11	U	10	U	10	U
108-10-1	4-Methyl-2-pentanone	ug/kg	12	U	11	U	11	UJ	10	U	10	U

303658

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05	SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05	SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06	SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07	SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08
108-88-3	Toluene	ug/kg	12 U	11 U	11 U	10 U	1 J
10061-02-6	trans-1,3-Dichloropropene	ug/kg	12 U	11 U	11 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/kg	12 U	11 U	11 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/kg	12 U	11 U	11 U	10 U	10 U
591-78-6	2-Hexanone	ug/kg	12 U	11 U	11 U	10 U	10 U
124-48-1.	Dibromochloromethane	ug/kg	12 U	11 U	11 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/kg	12 U	11 U	11 U	10 U	10 U
108-90-7	Chlorobenzene	ug/kg	12 U	11 U	11 U	10 U	10 U
100-41-4	Ethylbenzene	ug/kg	12 U	11 U	11 U	10 U	10 U
1330-20-7	Xylenes (total)	ug/kg	12 U	11 U	11 U	10 U	10 U
100-42-5	Styrene	ug/kg	12 U	11 U	11 U	10 U	10 U
75-25-2	Bromoform	ug/kg	12 U	11 U	11 U	10 U	10 U
98-82-8	Isopropylbenzene	ug/kg	12 U	11 U	11 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	12 U	11 U	11 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/kg	12 U	11 U	11 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/kg	12 U	11 U	11 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/kg	12 U	11 U	11 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	12 U	11 U	11 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	12 U	11 U	11 U	10 U	10 U

303659

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06		SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07		SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	26	J	420	UJ	9	J	7	J	390	UJ
108-95-2	Phenol	ug/kg	430	U	420	U	420	U	2000		390	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	430	U	420	U	420	U	380	U	390	U
95-57-8	2-Chlorophenol	ug/kg	430	U	420	U	420	U	2000		390	U
95-48-7	2-Methylphenol	ug/kg	430	U	420	U	420	U	380	U	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	430	U	420	U	420	U	380	U	390	U
98-86-2	Acetophenone	ug/kg	430	U	420	U	420	U	380	U	390	U
106-44-5	4-Methylphenol	ug/kg	430	U	420	U	420	U	380	U	390	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	430	U	420	U	420	U	1400		390	U
67-72-1	Hexachloroethene	ug/kg	430	U	420	U	420	U	380	U	390	U
98-95-3	Nitrobenzene	ug/kg	430	U	420	U	420	U	380	U	390	U
78-59-1	Isophorone	ug/kg	430	U	420	U	420	U	380	U	390	U
88-75-5	2-Nitrophenol	ug/kg	430	U	420	U	420	U	380	U	390	U
105-67-9	2,4-Dimethylphenol	ug/kg	430	U	420	U	420	U	380	U	390	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	430	U	420	U	420	U	380	U	390	U
120-83-2	2,4-Dichlorophenol	ug/kg	430	U	420	U	420	U	380	U	390	U
91-20-3	Naphthalene	ug/kg	430	U	420	U	420	U	380	U	22	J
106-47-8	p-Chloroaniline	ug/kg	430	U	420	U	420	U	380	U	390	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	430	U	420	U	420	U	380	U	390	U
105-60-2	Caprolactam	ug/kg	430	U	420	U	420	U	380	U	390	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	430	U	420	U	420	U	1900		390	U
91-57-6	2-Methylnaphthalene	ug/kg	430	U	420	U	420	U	380	U	18	J
77-47-4	Hexachlorocyclopentadiene	ug/kg	430	UJ	420	UJ	420	UJ	380	UJ	390	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	430	U	420	U	420	U	380	U	390	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	1100	U	1100	U	1100	U	970	U	980	U
92-52-4	1,1'-Biphenyl	ug/kg	430	U	420	U	420	U	380	U	390	U
91-58-7	2-Chloronaphthalene	ug/kg	430	U	420	U	420	U	380	U	390	U
88-74-4	2-Nitroaniline	ug/kg	1100	U	1100	U	1100	U	970	U	980	U
131-11-3	Dimethyl phthalate	ug/kg	430	U	420	U	420	U	380	U	390	U
606-20-2	2,6-Dinitrotoluene	ug/kg	430	U	420	U	420	U	380	U	390	U
208-96-8	Acenaphthylene	ug/kg	430	U	420	U	420	U	24	J	18	J
99-09-2	3-Nitrooaniline	ug/kg	1100	U	1100	U	1100	U	970	U	980	U
83-32-9	Acenaphthene	ug/kg	430	U	420	U	420	U	1400		160	J

303660

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06		SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07		SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	1100	UJ	0	R	1100	UJ	970	UJ	0	R
100-02-7	4-Nitrophenol	ug/kg	1100	U	1100	U	1100	U	2100		980	U
132-64-9	Dibenzofuran	ug/kg	430	U	420	U	420	U	380	U	110	J
121-14-2	2,4-Dinitrotoluene	ug/kg	430	U	420	U	420	U	1400		390	U
84-66-2	Diethyl phthalate	ug/kg	430	U	420	U	420	U	380	U	390	U
86-73-7	Fluorene	ug/kg	430	U	420	U	420	U	380	U	220	J
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	430	U	420	U	420	U	380	U	390	U
100-01-6	P-Nitroaniline	ug/kg	1100	U	1100	U	1100	U	970	U	980	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1100	UJ	1100	UJ	1100	UJ	970	UJ	980	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	430	U	420	U	420	U	380	U	390	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	430	U	420	U	420	U	380	U	390	U
118-74-1	Hexachlorobenzene	ug/kg	430	U	420	U	420	U	380	U	390	U
1912-24-9	Atrazine	ug/kg	430	U	420	U	420	U	380	U	390	U
87-86-5	Pentachlorophenol	ug/kg	1100	U	1100	UJ	1100	U	970	J	980	UJ
85-01-8	Phenanthrene	ug/kg	30	J	22	J	60	J	130	J	2100	
120-12-7	Anthracene	ug/kg	430	U	420	U	420	U	44	J	330	J
86-74-8	Carbazole	ug/kg	430	U	420	U	12	J	380	U	270	J
84-74-2	Di-n-butylphthalate	ug/kg	430	U	420	U	420	U	380	U	390	U
206-44-0	Fluoranthene	ug/kg	58	J	38	J	170	J	390		2900	
129-00-0	Pyrene	ug/kg	44	J	23	J	130	J	330	J	1600	J
85-68-7	Benzyl butyl phthalate	ug/kg	430	U	420	U	420	U	380	U	390	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	430	U	420	U	420	U	380	U	390	U
56-55-3	Benzo(a)anthracene	ug/kg	24	J	420	U	56	J	160	J	760	
218-01-9	Chrysene	ug/kg	31	J	420	U	94	J	180	J	960	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	430	U	420	U	420	U	380	U	390	U
117-84-0	Di-n-octylphthalate	ug/kg	23	J	420	U	25	J	12	J	390	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	30	J	18	J	87	J	120	J	640	
207-08-9	Benzo(k)fluoranthene	ug/kg	27	J	420	U	94	J	130	J	790	
50-32-8	Benzo(a)pyrene	ug/kg	21	J	14	J	63	J	110	J	690	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	16	J	13	J	50	J	58	J	500	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	430	U	420	UJ	24	J	24	J	180	J
191-24-2	Benzo(g,h,i)perylene	ug/kg	430	U	420	UJ	51	J	52	J	450	J

303661

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06		SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07		SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
319-85-7	beta-BHC	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
319-86-8	delta-BHC	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
76-44-8	Heptachlor	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
309-00-2	Aldrin	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
959-98-8	Endosulfan I	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
60-57-1	Dieldrin	ug/kg	4.3	U	4.2	U	4.2	U	3.8	U	3.9	U
72-55-9	4,4'-DDE	ug/kg	4.3	U	4.2	U	4.2	U	3.8	U	3.9	U
72-20-8	Endrin	ug/kg	4.3	U	4.2	U	4.2	U	3.8	U	3.9	U
33213-65-9	Endosulfan II	ug/kg	4.3	U	4.2	U	4.2	U	3.8	U	3.9	U
72-54-8	4,4'-DDD	ug/kg	4.3	U	4.2	U	4.2	U	3.8	U	3.9	U
1031-07-8	Endosulfan Sulfate	ug/kg	4.3	U	4.2	U	4.2	U	3.8	U	3.9	U
50-29-3	4,4'-DDT	ug/kg	4.3	U	4.2	U	4.2	U	3.8	U	3.9	U
72-43-5	Methoxychlor	ug/kg	22	U	22	U	22	U	20	U	20	U
53494-70-5	Endrin Ketone	ug/kg	4.3	U	4.2	U	4.2	U	3.8	U	3.9	U
7421-93-4	Endrin Aldehyde	ug/kg	4.3	U	4.2	U	4.2	U	3.8	U	3.9	U
5103-71-9	alpha-Chlordane	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
5103-74-2	gamma-Chlordane	ug/kg	2.2	U	2.2	U	2.2	U	2	U	2	U
8001-35-2	Toxphene	ug/kg	220	U	220	U	220	U	200	U	200	U
12674-11-2	Aroclor-1016	ug/kg	43	U	42	U	42	U	38	U	39	U
11104-28-2	Aroclor-1221	ug/kg	88	U	86	U	85	U	78	U	79	U
11141-16-5	Aroclor-1232	ug/kg	43	U	42	U	42	U	38	U	39	U
53469-21-9	Aroclor-1242	ug/kg	43	U	42	U	42	U	38	U	39	U
12672-29-6	Aroclor-1248	ug/kg	43	U	42	U	42	U	38	U	39	U
11097-69-1	Aroclor-1254	ug/kg	43	U	42	U	42	U	38	U	39	U
11096-82-5	Aroclor-1260	ug/kg	43	U	42	U	42	U	38	U	39	U

303662

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06		SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07		SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	5330	J	4840	J	5540	J	4080	J	3590	J
7440-36-0	Antimony	mg/kg	1.3	U	1.3	U	1.3	U	1.2	U	1.2	U
7440-38-2	Arsenic	mg/kg	3.2		2.6		4.2		2.7		3.8	
7440-39-3	Barium	mg/kg	18.7	B	28.9	B	25.4	B	21.2	B	22.4	B
7440-41-7	Beryllium	mg/kg	0.71	B	0.54	B	0.78	B	0.52	B	0.54	B
7440-43-9	Cadmium	mg/kg	0.26	U	0.25	U	0.27	U	0.23	U	0.23	U
7440-70-2	Calcium	mg/kg	1010	B	933	B	1930	J	7320	J	10900	J
7440-47-3	Chromium	mg/kg	6.5	J	6.1	J	8.8	J	7.5	J	8	J
7440-48-4	Cobalt	mg/kg	3.9	B	3.4	B	5.6	B	4	B	3.7	B
7440-50-8	Copper	mg/kg	7.3	J	7	J	11.6	J	8	J	14.1	J
7439-89-6	Iron	mg/kg	11000		10000		14800		12700		13600	
7439-92-1	Lead	mg/kg	6.6		6.8		3.6		4.5		44.4	
7439-95-4	Magnesium	mg/kg	1240	B	1160	B	1920		2430		2900	
7439-96-5	Manganese	mg/kg	174	J	150	J	333	J	280	J	466	J
7439-97-6	Mercury	mg/kg	0.37		0.26		0.08	B	0.09	B	0.07	B
7440-02-0	Nickel	mg/kg	7.9	B	7.2	B	10.8		9.8		9.2	B
7440-09-7	Potassium	mg/kg	362	B	283	B	333	B	364	B	252	B
7782-49-2	Selenium	mg/kg	1.3	UJ	1.3	UJ	1.3	UJ	1.2	UJ	1.2	UJ
7440-22-4	Silver	mg/kg	0.53	U	0.5	U	0.53	U	0.47	U	0.46	U
7440-23-5	Sodium	mg/kg	323	BJ	246	BJ	250	BJ	290	BJ	256	BJ
7440-28-0	Thallium	mg/kg	2.1	U	2	U	2.1	U	1.9	U	1.8	U
7440-62-2	Vanadium	mg/kg	12.7	B	10.9	B	13.5		10.5	B	9.1	B
7440-66-6	Zinc	mg/kg	30.9	J	34	J	39	J	41.8	J	84	J

303663

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05		SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06		SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07		SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	1700	ULJ	1600	ULJ	0	R	760	ULJ	1100	ULJ
GIS-110-012	Total Organic Carbon	mg/kg	12200	J	37000	J	2050		2380	J	2520	J
12408-02-5	pH	S.U.	6.54		6.45		7.05		7.55		7.3	
Extra HG-S	**Extra Mercury Analyses**											
7439-97-6	Mercury	ug/g	0.38		0.43		0.07		0.07		0.06	
22967-92-6	Methyl Mercury	ng/g	3.14		3.61		0.39		0.33		0.44	
Grain-90	**Grain - 6 members**											
105	<105	%	31.6		32.6		66.2		9.43		4.3	
105-425	105-425	%	62.1		62.4		22.2		47.9		53.1	
425 - 500	425 - 500	%	1.41		1.4		1.48		1.56		2.67	
500 - 850	500 - 850	%	2.03		2.01		4.38		4.15		6.74	
850 - 2380	850 - 2380	%	2.53		1.3		5.2		10.9		15.4	
2380	>2380	%	0.41		0.29		0.45		26		17.8	

303664

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09		SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10		SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11		SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12		SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
74-87-3	Chloromethane	ug/kg	10	UJ	16	UJ	32	U	13	UJ	13	U
75-01-4	Vinyl Chloride	ug/kg	10	U	16	UJ	32	U	13	U	13	U
74-83-9	Bromomethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
75-00-3	Chloroethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
75-69-4	Trichlorofluoromethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
75-35-4	1,1-Dichloroethene	ug/kg	10	U	16	UJ	32	U	13	U	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
67-64-1	Acetone	ug/kg	10	UJ	36	UJ	56	U	13	UJ	23	U
75-15-0	Carbon Disulfide	ug/kg	1	J	16	UJ	32	U	1	J	6	J
79-20-9	Methyl Acetate	ug/kg	10	U	16	UJ	32	U	13	U	13	U
75-09-2	Methylene Chloride	ug/kg	10	U	16	UJ	32	U	13	U	13	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	10	U	16	UJ	32	U	13	U	13	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10	U	16	UJ	32	U	13	U	13	U
75-34-3	1,1-Dichloroethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	10	U	16	UJ	32	U	13	U	13	U
78-93-3	2-Butanone	ug/kg	10	U	12	J	17	J	13	U	4	J
67-66-3	Chloroform	ug/kg	10	U	16	UJ	32	U	13	U	13	U
71-55-6	1,1,1-Trichloroethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
110-82-7	Cyclohexane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
56-23-5	Carbon Tetrachloride	ug/kg	10	U	16	UJ	32	U	13	U	13	U
71-43-2	Benzene	ug/kg	10	U	16	UJ	32	UJ	13	U	13	U
107-06-2	1,2-Dichloroethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
79-01-6	Trichloroethene	ug/kg	10	U	16	UJ	32	U	13	U	13	U
108-87-2	Methylcyclohexane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
78-87-5	1,2-Dichloropropane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
75-27-4	Bromodichloromethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10	U	16	UJ	32	U	13	U	13	U
108-10-1	4-Methyl-2-pentanone	ug/kg	10	U	16	UJ	32	U	13	U	13	U

303665

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09		SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10		SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11		SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12		SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13	
108-88-3	Toluene	ug/kg	10	U	3	J	4	J	13	U	13	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10	U	16	UJ	32	U	13	U	13	U
79-00-5	1,1,2-Trichloroethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
127-18-4	Tetrachloroethene	ug/kg	10	U	16	UJ	32	U	13	U	13	U
591-78-6	2-Hexanone	ug/kg	10	U	16	UJ	32	U	13	U	13	U
124-48-1	Dibromochloromethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
106-93-4	1,2-Dibromoethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
108-90-7	Chlorobenzene	ug/kg	10	U	16	UJ	32	UJ	13	U	13	J
100-41-4	Ethylbenzene	ug/kg	10	U	16	UJ	32	UJ	13	U	13	U
1330-20-7	Xylenes (total)	ug/kg	10	U	16	UJ	32	UJ	13	U	13	U
100-42-5	Styrene	ug/kg	10	U	16	UJ	32	UJ	13	U	13	U
75-25-2	Bromoform	ug/kg	10	U	16	UJ	32	U	13	U	13	U
98-82-8	Isopropylbenzene	ug/kg	10	U	16	UJ	32	UJ	13	U	13	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
541-73-1	1,3-Dichlorobenzene	ug/kg	10	U	16	UJ	32	UJ	13	U	13	U
106-46-7	1,4-Dichlorobenzene	ug/kg	10	U	16	UJ	4	J	13	U	1	J
95-50-1	1,2-Dichlorobenzene	ug/kg	10	U	16	UJ	4	J	13	U	4	J
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	10	U	16	UJ	32	U	13	U	13	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	10	U	16	UJ	32	UJ	13	U	13	U

303666

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09		SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10		SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11		SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12		SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	410	UJ	1000	UJ	290	J	420	UJ	450	UJ
108-95-2	Phenol	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
95-57-8	2-Chlorophenol	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
95-48-7	2-Methylphenol	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
98-86-2	Acetophenone	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
106-44-5	4-Methylphenol	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
67-72-1	Hexachloroethene	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
98-95-3	Nitrobenzene	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
78-59-1	Isophorone	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
88-75-5	2-Nitrophenol	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
105-67-9	2,4-Dimethylphenol	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
120-83-2	2,4-Dichlorophenol	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
91-20-3	Naphthalene	ug/kg	410	U	1000	UJ	830	UJ	420	U	28	J
106-47-8	p-Chloroaniline	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
105-60-2	Caprolactam	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
91-57-6	2-Methylnaphthalene	ug/kg	410	U	1000	UJ	94	J	420	U	30	J
77-47-4	Hexachlorocyclopentadiene	ug/kg	410	UJ	1000	UJ	830	UJ	420	UJ	450	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	1000	U	2600	UJ	2100	UJ	1100	U	1100	U
92-52-4	1,1'-Biphenyl	ug/kg	410	U	1000	UJ	830	UJ	420	U	68	J
91-58-7	2-Chloronaphthalene	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
88-74-4	2-Nitroaniline	ug/kg	1000	U	2600	UJ	2100	UJ	1100	U	1100	U
131-11-3	Dimethyl phthalate	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
606-20-2	2,6-Dinitrotoluene	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
208-96-8	Acenaphthylene	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
99-09-2	3-Nitrooaniline	ug/kg	1000	U	2600	UJ	2100	UJ	1100	U	1100	U
83-32-9	Acenaphthene	ug/kg	29	J	120	J	830	UJ	420	U	49	J

303667

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09		SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10		SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11		SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12		SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	0	R	2600	UJ	0	R	0	R	0	R
100-02-7	4-Nitrophenol	ug/kg	1000	U	2600	UJ	2100	UJ	1100	U	1100	U
132-64-9	Dibenzofuran	ug/kg	16	J	1000	UJ	830	UJ	420	U	34	J
121-14-2	2,4-Dinitrotoluene	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
84-66-2	Diethyl phthalate	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
86-73-7	Fluorene	ug/kg	40	J	190	J	190	J	420	U	41	J
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
100-01-6	P-Nitroaniline	ug/kg	1000	U	2600	UJ	2100	UJ	1100	U	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1000	UJ	2600	UJ	2100	UJ	1100	UJ	1100	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
118-74-1	Hexachlorobenzene	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
1912-24-9	Atrazine	ug/kg	410	U	1000	UJ	830	UJ	420	U	450	U
87-86-5	Pentachlorophenol	ug/kg	1000	UJ	2600	UJ	2100	UJ	1100	UJ	1100	UJ
85-01-8	Phenanthrene	ug/kg	530		2300	J	1800	J	14	J	380	J
120-12-7	Anthracene	ug/kg	89	J	330	J	260	J	420	U	56	J
86-74-8	Carbazole	ug/kg	73	J	220	J	98	J	420	U	56	J
84-74-2	Di-n-butylphthalate	ug/kg	410	U	1000	UJ	110	J	420	U	450	U
206-44-0	Fluoranthene	ug/kg	1200		3600	J	2800	J	25	J	570	
129-00-0	Pyrene	ug/kg	760	J	4200	J	3200	J	19	J	350	J
85-68-7	Benzyl butyl phthalate	ug/kg	410	U	1000	UJ	830	UJ	420	U	220	J
91-94-1	3,3`-Dichlorobenzidine	ug/kg	410	U	1000	UJ	0	R	420	U	450	U
56-55-3	Benzo(a)anthracene	ug/kg	400	J	1800	J	1100	J	420	U	180	J
218-01-9	Chrysene	ug/kg	570		2300	J	1700	J	420	U	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	590	U	1100	J	6400	J	440	U	450	U
117-84-0	Di-n-octylphthalate	ug/kg	410	UJ	1000	UJ	0	R	420	U	450	U
205-99-2	Benzo(b)fluoranthene	ug/kg	480		2000	J	1600	J	420	U	180	J
207-08-9	Benzo(k)fluoranthene	ug/kg	450		1600	J	1200	J	420	U	200	J
50-32-8	Benzo(a)pyrene	ug/kg	420		1300	J	1100	J	420	U	170	J
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	340	J	820	J	1300	J	420	U	140	J
53-70-3	Dibenzo(a,h)anthracene	ug/kg	110	J	260	J	350	J	420	UJ	64	J
191-24-2	Benzo(g,h,i)perylene	ug/kg	350	J	160	J	330	J	420	UJ	130	J

303668

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09		SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10		SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11		SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12		SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.1	U	2.6	UJ	8.5	UJ	2.2	U	2.3	U
319-85-7	beta-BHC	ug/kg	0	R	2.6	UJ	8.5	UJ	6.5	J	7.5	NJ
319-86-8	delta-BHC	ug/kg	2.1	U	2.6	UJ	8.5	UJ	2.2	U	2.3	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.1	U	2.6	UJ	8.5	UJ	2.2	U	2.3	U
76-44-8	Heptachlor	ug/kg	2.1	U	2.6	UJ	39	NJ	2.2	U	2.3	U
309-00-2	Aldrin	ug/kg	2.1	U	2.6	UJ	8.5	UJ	2.2	U	2.3	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.1	U	2.9	NJ	8.5	UJ	2.2	U	2.3	U
959-98-8	Endosulfan I	ug/kg	2.1	U	2.6	UJ	26	J	2.2	U	2.3	U
60-57-1	Dieldrin	ug/kg	4.1	U	0	R	380	DJ	4.2	U	4.5	U
72-55-9	4,4'-DDE	ug/kg	4.1	U	5.1	UJ	61	J	4.2	U	4.5	U
72-20-8	Endrin	ug/kg	4.1	U	0	R	310	DJN	4.2	U	4.5	U
33213-65-9	Endosulfan II	ug/kg	4.1	U	5.1	UJ	17	UJ	4.2	U	4.5	U
72-54-8	4,4'-DDD	ug/kg	4.1	U	5.1	UJ	0	R	5.4	J	5.1	J
1031-07-8	Endosulfan Sulfate	ug/kg	0	R	12	NJ	150	J	4.2	U	4.5	U
50-29-3	4,4'-DDT	ug/kg	4.1	U	9	NJ	17	UJ	4.2	U	4.5	U
72-43-5	Methoxychlor	ug/kg	21	U	26	UJ	85	UJ	22	U	23	U
53494-70-5	Endrin Ketone	ug/kg	4.1	U	5.1	UJ	180	DJ	4.2	U	4.5	U
7421-93-4	Endrin Aldehyde	ug/kg	11		5.1	UJ	220	DJ	4.2	U	4.5	U
5103-71-9	alpha-Chlordane	ug/kg	2.1	U	8.4	J	1100	DJ	2.2	U	2.3	U
5103-74-2	gamma-Chlordane	ug/kg	2.1	U	2.6	UJ	770	DJ	2.2	U	2.3	U
8001-35-2	Toxphene	ug/kg	210	U	260	UJ	850	UJ	220	U	230	U
12674-11-2	Aroclor-1016	ug/kg	41	U	51	UJ	170	UJ	42	U	45	U
11104-28-2	Aroclor-1221	ug/kg	84	U	100	UJ	340	UJ	86	U	92	U
11141-16-5	Aroclor-1232	ug/kg	41	U	51	UJ	170	UJ	42	U	45	U
53469-21-9	Aroclor-1242	ug/kg	41	U	51	UJ	170	UJ	42	U	45	U
12672-29-6	Aroclor-1248	ug/kg	41	U	51	UJ	170	UJ	42	U	45	U
11097-69-1	Aroclor-1254	ug/kg	360		51	UJ	170	UJ	42	U	45	U
11096-82-5	Aroclor-1260	ug/kg	41	U	51	UJ	4400	J	42	U	45	U

303669

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09		SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10		SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11		SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12		SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	3170	J	3750		5990	J	5740	J	7630	J
7440-36-0	Antimony	mg/kg	1.2	U	1	U	1.6	UJ	1.3	U	1.4	U
7440-38-2	Arsenic	mg/kg	2.7		6.9		9.3	J	8.9		13.4	
7440-39-3	Barium	mg/kg	19.9	B	51.8	B	98.9	J	48	B	78.6	
7440-41-7	Beryllium	mg/kg	0.37	B	0.25	B	0.41	BJ	0.64	B	0.84	B
7440-43-9	Cadmium	mg/kg	0.25	U	0.11	U	1.7	BJ	0.27	U	0.27	U
7440-70-2	Calcium	mg/kg	8780	J	14800		16100	J	13500	J	3040	J
7440-47-3	Chromium	mg/kg	8.3	J	17.3	*	69.3	*J	8.5	J	11.9	J
7440-48-4	Cobalt	mg/kg	3.3	B	4.2	B	5.7	BJ	5.6	B	7.3	B
7440-50-8	Copper	mg/kg	16.4	J	56.1		133	J	18.5	J	13	J
7439-89-6	Iron	mg/kg	11300		15000		17600	J	16400		22700	
7439-92-1	Lead	mg/kg	18.9		80.9		297	J	10.4		5.3	
7439-95-4	Magnesium	mg/kg	2620		2640		3880	J	4640		2590	
7439-96-5	Manganese	mg/kg	235	J	691		502	J	489	J	421	J
7439-97-6	Mercury	mg/kg	0.07	B	0.28		1.1	J	0.06	U	0.06	B
7440-02-0	Nickel	mg/kg	7.5	B	11.4	BE	19.4	EJ	11.7		14.3	
7440-09-7	Potassium	mg/kg	286	B	369	BE	610	BEJ	505	B	314	B
7782-49-2	Selenium	mg/kg	1.2	UJ	1.2	U	2.4	J	1.3	UJ	1.4	UJ
7440-22-4	Silver	mg/kg	0.5	U	0.26	UNJ	2.5	BNJ	0.53	U	0.54	U
7440-23-5	Sodium	mg/kg	325	BJ	209	B	424	BJ	430	BJ	413	BJ
7440-28-0	Thallium	mg/kg	2	U	1.4	U	2.3	BJ	2.1	U	2.2	U
7440-62-2	Vanadium	mg/kg	8.3	B	14.6	J	23.9	J	14.1		18.4	
7440-66-6	Zinc	mg/kg	81.6	J	180		701	J	45.8	J	68.2	J

303670

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09		SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10		SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11		SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12		SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	890	ULJ	660		1400		1900	ULJ	1600	ULJ
GIS-110-012	Total Organic Carbon	mg/kg	3090	J	16000		70900		14200	J	13300	J
12408-02-5	pH	S.U.	7.18		6.83		6.75		6.69		7.61	
Extra HG-S	**Extra Mercury Analyses**											
7439-97-6	Mercury	ug/g	0.06		0.38		1.2		0.04		0.05	
22967-92-6	Methyl Mercury	ng/g	0.18		1.33		4.78		0.57		0.16	
Grain-90	**Grain - 6 members**											
105	<105	%	17.9		40.1		32.7		30.6		24.6	
105-425	105-425	%	71.6		57.5		44.4		40.6		35.7	
425 - 500	425 - 500	%	2.24		0.45		1.85		2.18		3.26	
500 - 850	500 - 850	%	4.41		0.9		5.98		7.45		10.3	
850 - 2380	850 - 2380	%	3.26		0.8		8.48		12.8		16	
2380	>2380	%	0.68		0.24		6.56		6.41		10.1	

303671

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14		SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03		SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03		SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03		SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
74-87-3	Chloromethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
75-01-4	Vinyl Chloride	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
74-83-9	Bromomethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
75-00-3	Chloroethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
75-69-4	Trichlorofluoromethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
75-35-4	1,1-Dichloroethene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
67-64-1	Acetone	ug/kg	18	U	12	UJ	14	UJ	35	UJ	14	UJ
75-15-0	Carbon Disulfide	ug/kg	12		12	UJ	1	J	1	J	13	UJ
79-20-9	Methyl Acetate	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
75-09-2	Methylene Chloride	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
156-60-5	trans-1,2-Dichloroethene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
75-34-3	1,1-Dichloroethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
156-59-2	cis-1,2-Dichloroethene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
78-93-3	2-Butanone	ug/kg	2	J	12	UJ	3	J	10	UJ	13	UJ
67-66-3	Chloroform	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
71-55-6	1,1,1-Trichloroethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
110-82-7	Cyclohexane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
56-23-5	Carbon Tetrachloride	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
71-43-2	Benzene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
107-06-2	1,2-Dichloroethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
79-01-6	Trichloroethene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
108-87-2	Methylcyclohexane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
78-87-5	1,2-Dichloropropane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
75-27-4	Bromodichloromethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ

303672

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14		SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03		SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03		SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03		SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03	
108-88-3	Toluene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
127-18-4	Tetrachloroethene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
591-78-6	2-Hexanone	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
124-48-1	Dibromochloromethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
106-93-4	1,2-Dibromoethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
108-90-7	Chlorobenzene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
100-41-4	Ethylbenzene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
1330-20-7	Xylenes (total)	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
100-42-5	Styrene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
75-25-2	Bromoform	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
98-82-8	Isopropylbenzene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ
120-82-1	1,2,4-Trichlorobenzene	ug/kg	10	U	12	UJ	14	UJ	10	UJ	13	UJ

303673

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14		SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03		SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03		SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03		SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	430	UJ	0	R	0	R	0	R	0	R
108-95-2	Phenol	ug/kg	430	U	450	U	460	U	420	U	480	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	430	U	450	U	460	U	420	U	480	U
95-57-8	2-Chlorophenol	ug/kg	430	U	450	U	460	U	420	U	480	U
95-48-7	2-Methylphenol	ug/kg	430	U	450	U	460	U	420	U	480	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	430	U	450	UJ	460	UJ	420	UJ	480	UJ
98-86-2	Acetophenone	ug/kg	430	U	450	U	460	U	61	J	480	U
106-44-5	4-Methylphenol	ug/kg	430	U	450	U	460	U	44	J	480	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	430	U	450	U	460	U	420	U	480	U
67-72-1	Hexachloroethene	ug/kg	430	U	450	U	460	U	420	U	480	U
98-95-3	Nitrobenzene	ug/kg	430	U	450	U	460	U	420	U	480	U
78-59-1	Isophorone	ug/kg	430	U	450	U	460	U	420	U	480	U
88-75-5	2-Nitrophenol	ug/kg	430	U	450	U	460	U	420	U	480	U
105-67-9	2,4-Dimethylphenol	ug/kg	430	U	450	U	460	U	420	U	480	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	430	U	450	U	460	U	420	U	480	U
120-83-2	2,4-Dichlorophenol	ug/kg	430	U	450	U	460	U	420	U	480	U
91-20-3	Naphthalene	ug/kg	150	J	130	J	130	J	420	U	480	U
106-47-8	p-Chloroaniline	ug/kg	430	U	450	U	460	U	420	U	480	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	430	U	450	U	460	U	420	U	480	U
105-60-2	Caprolactam	ug/kg	430	U	450	U	460	U	420	U	480	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	430	U	450	U	460	U	420	U	480	U
91-57-6	2-Methylnaphthalene	ug/kg	99	J	450	U	460	U	420	U	480	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	430	UJ	450	UJ	460	UJ	420	UJ	480	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	430	U	450	U	460	U	420	U	480	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	1100	U	1100	U	1200	U	1100	U	1200	U
92-52-4	1,1'-Biphenyl	ug/kg	31	J	450	U	460	U	420	U	480	U
91-58-7	2-Chloronaphthalene	ug/kg	430	U	450	U	460	U	420	U	480	U
88-74-4	2-Nitroaniline	ug/kg	1100	U	1100	U	1200	U	1100	U	1200	U
131-11-3	Dimethyl phthalate	ug/kg	430	U	450	U	460	U	420	U	480	U
606-20-2	2,6-Dinitrotoluene	ug/kg	430	U	450	U	460	U	420	U	480	U
208-96-8	Acenaphthylene	ug/kg	22	J	450	U	460	U	420	U	480	U
99-09-2	3-Nitroaniline	ug/kg	1100	U	1100	UJ	1200	UJ	1100	UJ	1200	UJ
83-32-9	Acenaphthene	ug/kg	390	J	84	J	56	J	55	J	480	U

303674

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14		SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03		SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03		SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03		SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	0	R	0	R	0	R	0	R	0	R
100-02-7	4-Nitrophenol	ug/kg	1100	U	1100	U	1200	U	1100	U	1200	U
132-64-9	Dibenzofuran	ug/kg	210	J	450	U	460	U	46	J	480	U
121-14-2	2,4-Dinitrotoluene	ug/kg	430	U	450	U	460	U	420	U	480	U
84-66-2	Diethyl phthalate	ug/kg	430	U	450	U	460	U	420	U	480	U
86-73-7	Fluorene	ug/kg	340	J	450	U	460	U	90	J	480	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	430	U	450	U	460	U	420	U	480	U
100-01-6	P-Nitroaniline	ug/kg	1100	U	1100	UJ	1200	UJ	1100	UJ	1200	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1100	UJ	1100	U	1200	U	1100	U	1200	U
86-30-6	N-Nitrosodiphenylamine	ug/kg	430	U	450	U	460	U	420	U	480	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	430	U	450	U	460	U	420	U	480	U
118-74-1	Hexachlorobenzene	ug/kg	430	U	450	U	460	U	420	U	480	U
1912-24-9	Atrazine	ug/kg	430	U	450	U	460	U	420	U	480	U
87-86-5	Pentachlorophenol	ug/kg	1100	UJ	1100	UJ	1200	UJ	1100	UJ	1200	UJ
85-01-8	Phenanthrene	ug/kg	2200		2200		720		840		89	J
120-12-7	Anthracene	ug/kg	470		490		190	J	220	J	480	U
86-74-8	Carbazole	ug/kg	420	J	97	J	460	UJ	100	J	480	UJ
84-74-2	Di-n-butylphthalate	ug/kg	430	U	450	U	460	U	420	U	480	U
206-44-0	Fluoranthene	ug/kg	4000	D	2000		690		1400		190	J
129-00-0	Pyrene	ug/kg	2000	J	1400	J	1300	J	1100	J	160	J
85-68-7	Benzyl butyl phthalate	ug/kg	430	U	450	UJ	460	UJ	420	UJ	480	UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	430	U	0	R	0	R	0	R	0	R
56-55-3	Benzo(a)anthracene	ug/kg	1200		710		220	J	620		110	J
218-01-9	Chrysene	ug/kg	1400		1000		360	J	630		130	J
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	640	U	340	J	71	J	150	J	480	UJ
117-84-0	Di-n-octylphthalate	ug/kg	430	UJ	0	R	0	R	0	R	0	R
205-99-2	Benzo(b)fluoranthene	ug/kg	1100		800		240	J	540		120	J
207-08-9	Benzo(k)fluoranthene	ug/kg	1200		710		290	J	430		88	J
50-32-8	Benzo(a)pyrene	ug/kg	1000		380	J	250	J	440		480	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	750		440	J	150	J	260	J	480	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	260	J	140	J	460	U	92	J	480	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	630	J	49	J	460	U	72	J	480	U

303675

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14		SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03		SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03		SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03		SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
319-85-7	beta-BHC	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
319-86-8	delta-BHC	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
76-44-8	Heptachlor	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
309-00-2	Aldrin	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
959-98-8	Endosulfan I	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
60-57-1	Dieldrin	ug/kg	4.3	U	4.5	U	4.6	U	4.2	U	4.8	U
72-55-9	4,4'-DDE	ug/kg	4.3	U	4.5	U	4.6	U	4.2	U	4.8	U
72-20-8	Endrin	ug/kg	4.3	U	4.5	U	4.6	U	4.2	U	4.8	U
33213-65-9	Endosulfan II	ug/kg	4.3	U	4.5	U	4.6	U	4.2	U	4.8	U
72-54-8	4,4'-DDD	ug/kg	4.3	U	4.5	U	4.6	U	4.2	U	4.8	U
1031-07-8	Endosulfan Sulfate	ug/kg	4.3	U	4.5	U	4.6	U	4.2	U	4.8	U
50-29-3	4,4'-DDT	ug/kg	4.3	U	4.7		4.6	U	4.2	U	4.8	U
72-43-5	Methoxychlor	ug/kg	22	U	23	U	24	U	22	U	25	U
53494-70-5	Endrin Ketone	ug/kg	4.3	U	15		4.6	U	4.2	U	4.8	U
7421-93-4	Endrin Aldehyde	ug/kg	4.3	U	7.6	NJ	4.6	U	4.2	U	4.8	U
5103-71-9	alpha-Chlordane	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
5103-74-2	gamma-Chlordane	ug/kg	2.2	U	2.3	U	2.4	U	2.2	U	2.5	U
8001-35-2	Toxphene	ug/kg	220	U	230	U	240	U	220	U	250	U
12674-11-2	Aroclor-1016	ug/kg	43	U	45	U	46	U	42	U	48	U
11104-28-2	Aroclor-1221	ug/kg	87	U	92	U	93	U	85	U	97	U
11141-16-5	Aroclor-1232	ug/kg	43	U	45	U	46	U	42	U	48	U
53469-21-9	Aroclor-1242	ug/kg	43	U	45	U	46	U	42	U	48	U
12672-29-6	Aroclor-1248	ug/kg	43	U	45	U	46	U	42	U	48	U
11097-69-1	Aroclor-1254	ug/kg	43	U	45	U	46	U	220	J	280	J
11096-82-5	Aroclor-1260	ug/kg	43	U	45	U	46	U	42	U	48	U

303676

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14		SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03		SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03		SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03		SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	4830	J	4220		3680		4840		4600	
7440-36-0	Antimony	mg/kg	1.3	U	0.96	U	0.99	U	1.6	B	1	U
7440-38-2	Arsenic	mg/kg	5.4		4.2		4.2		3.7		4.6	
7440-39-3	Barium	mg/kg	47	B	50.2	B	20.1	B	30	B	27.5	B
7440-41-7	Beryllium	mg/kg	0.59	B	0.26	B	0.36	B	0.31	B	0.3	B
7440-43-9	Cadmium	mg/kg	0.33	B	0.11	U	0.11	U	0.3	B	0.49	B
7440-70-2	Calcium	mg/kg	11300	J	6890		3110		20000		2390	
7440-47-3	Chromium	mg/kg	12.4	J	9.9	J	5.8	J	14.5	J	9.8	J
7440-48-4	Cobalt	mg/kg	5.2	B	4.7	B	4.3	B	4.4	B	4.6	B
7440-50-8	Copper	mg/kg	21.3	J	21.5		19.5		36.6		29.4	
7439-89-6	Iron	mg/kg	15200		12800		12200		13500		11300	
7439-92-1	Lead	mg/kg	36.9		27.9		24.6		157		109	
7439-95-4	Magnesium	mg/kg	4030		2810		1760		2960		1450	
7439-96-5	Manganese	mg/kg	800	J	670		87.8		157		92.6	
7439-97-6	Mercury	mg/kg	0.26		0.48		4.6		9		6	
7440-02-0	Nickel	mg/kg	11.6		10.7		10.1	B	15		12.1	
7440-09-7	Potassium	mg/kg	457	B	478	BE	301	BE	373	BE	322	BE
7782-49-2	Selenium	mg/kg	1.3	UJ	1.1	U	1.3	BJ	1	U	1.2	U
7440-22-4	Silver	mg/kg	0.51	U	0.24	UNJ	0.25	UNJ	0.88	BNJ	0.29	BNJ
7440-23-5	Sodium	mg/kg	361	BJ	171	B	98.8	B	144	B	122	B
7440-28-0	Thallium	mg/kg	2	U	1.3	U	1.3	U	1.3	U	1.4	U
7440-62-2	Vanadium	mg/kg	11.4	B	12.3	B	10.1	B	11.4	B	12.2	B
7440-66-6	Zinc	mg/kg	131	J	102		72.7		249		145	

303677

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14		SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03		SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03		SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03		SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	1100	ULJ	830		560	U	790		740	
GIS-110-012	Total Organic Carbon	mg/kg	7730	J	8820		64100		29400		60000	
12408-02-5	pH	S.U.	7.94		7.36		7.7		7.76		7.69	
Extra HG-S	**Extra Mercury Analyses**											
7439-97-6	Mercury	ug/g	0.35		0.66		8.87		38.26		22.79	
22967-92-6	Methyl Mercury	ng/g	0.32		1.51		5.14		9.91		9.34	
Grain-90	**Grain - 6 members**											
105	<105	%	8.93		59.3		29.2		24.5		40.1	
105-425	105-425	%	41.1		35.4		48.9		53.5		46	
425 - 500	425 - 500	%	2.3		1.18		1.88		1.39		1.13	
500 - 850	500 - 850	%	5.56		2.45		5.45		3.33		2.73	
850 - 2380	850 - 2380	%	12.4		1.67		8.24		6.44		4.94	
2380	>2380	%	29.7		0		6.31		10.9		5.03	

303678

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03		SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03		SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06		SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06		SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
74-87-3	Chloromethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
75-01-4	Vinyl Chloride	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
74-83-9	Bromomethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
75-00-3	Chloroethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
75-69-4	Trichlorofluoromethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
75-35-4	1,1-Dichloroethene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
67-64-1	Acetone	ug/kg	11	UJ	22	UJ	110		80		29	U
75-15-0	Carbon Disulfide	ug/kg	11	UJ	15	UJ	14	U	34		15	
79-20-9	Methyl Acetate	ug/kg	11	UJ	15	UJ	25		12		9	J
75-09-2	Methylene Chloride	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
75-34-3	1,1-Dichloroethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
78-93-3	2-Butanone	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
67-66-3	Chloroform	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
71-55-6	1,1,1-Trichloroethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
110-82-7	Cyclohexane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
56-23-5	Carbon Tetrachloride	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
71-43-2	Benzene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
107-06-2	1,2-Dichloroethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
79-01-6	Trichloroethene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
108-87-2	Methylcyclohexane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
78-87-5	1,2-Dichloropropane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
75-27-4	Bromodichloromethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
108-10-1	4-Methyl-2-pentanone	ug/kg	11	UJ	15	UJ	5	J	2	J	1	J

303679

Cas Rn	Chemical Name	Sample Code *Sample Date* Depth Unit \\ Location	SDX-03-6-8 *11/5/2001* 0.5 to 0.67 ft.BGS SD-03		SDX-03-8-10 *11/5/2001* 0.67 to 0.83 ft.BGS SD-03		SDX-06-0-2 *11/1/2001* 0 to 0.17 ft.BGS SD-06		SDX-06-10-12 *11/1/2001* 0.83 to 1 ft.BGS SD-06		SDX-06-2-4 *11/1/2001* 0.17 to 0.33 ft.BGS SD-06	
108-88-3	Toluene	ug/kg	11	UJ	15	UJ	1	J	2	J	2	J
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
79-00-5	1,1,2-Trichloroethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
127-18-4	Tetrachloroethene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
591-78-6	2-Hexanone	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
124-48-1	Dibromochloromethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
106-93-4	1,2-Dibromoethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
108-90-7	Chlorobenzene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
100-41-4	Ethylbenzene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
1330-20-7	Xylenes (total)	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
100-42-5	Styrene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
75-25-2	Bromoform	ug/kg	11	UJ	15	UJ	2	J	2	J	2	J
98-82-8	Isopropylbenzene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
541-73-1	1,3-Dichlorobenzene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
106-46-7	1,4-Dichlorobenzene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
95-50-1	1,2-Dichlorobenzene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	UJ	15	UJ	11	U	10	U	10	U

303680

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03		SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03		SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06		SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06		SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	0	R	0	R	7	J	12	J	16	J
108-95-2	Phenol	ug/kg	0	R	430	U	420	U	400	U	360	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	0	R	430	U	420	U	400	U	360	U
95-57-8	2-Chlorophenol	ug/kg	0	R	430	U	420	U	400	U	360	U
95-48-7	2-Methylphenol	ug/kg	0	R	430	U	420	U	400	U	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	0	R	430	UJ	420	U	400	U	360	U
98-86-2	Acetophenone	ug/kg	0	R	430	U	420	U	400	U	360	U
106-44-5	4-Methylphenol	ug/kg	0	R	430	U	420	U	400	U	360	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	0	R	430	U	420	U	400	U	360	U
67-72-1	Hexachloroethene	ug/kg	0	R	430	U	420	U	400	U	360	U
98-95-3	Nitrobenzene	ug/kg	0	R	430	U	420	U	400	U	360	U
78-59-1	Isophorone	ug/kg	0	R	430	U	420	U	400	U	360	U
88-75-5	2-Nitrophenol	ug/kg	0	R	430	U	420	U	400	U	360	U
105-67-9	2,4-Dimethylphenol	ug/kg	0	R	430	U	420	U	400	U	360	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	0	R	430	U	420	U	400	U	360	U
120-83-2	2,4-Dichlorophenol	ug/kg	0	R	430	U	420	U	400	U	360	U
91-20-3	Naphthalene	ug/kg	0	R	430	U	420	U	10	J	360	U
106-47-8	p-Chloroaniline	ug/kg	0	R	430	U	420	U	400	U	360	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	0	R	430	U	420	U	400	U	360	U
105-60-2	Caprolactam	ug/kg	0	R	430	U	420	U	400	U	360	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	0	R	430	U	420	U	400	U	360	U
91-57-6	2-Methylnaphthalene	ug/kg	0	R	430	U	420	U	400	U	360	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	0	R	430	UJ	420	UJ	400	UJ	360	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	0	R	430	U	420	U	400	U	360	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	0	R	1100	U	1100	U	1000	U	900	U
92-52-4	1,1'-Biphenyl	ug/kg	0	R	430	U	420	U	400	U	360	U
91-58-7	2-Chloronaphthalene	ug/kg	0	R	430	U	420	U	400	U	360	U
88-74-4	2-Nitroaniline	ug/kg	0	R	1100	U	1100	U	1000	U	900	U
131-11-3	Dimethyl phthalate	ug/kg	0	R	430	U	420	U	400	U	360	U
606-20-2	2,6-Dinitrotoluene	ug/kg	0	R	430	U	420	U	400	U	360	U
208-96-8	Acenaphthylene	ug/kg	0	R	430	U	420	U	41	J	360	U
99-09-2	3-Nitrooaniline	ug/kg	0	R	1100	UJ	1100	U	1000	U	900	U
83-32-9	Acenaphthene	ug/kg	0	R	46	J	420	U	19	J	14	J

303681

Cas Rn	Chemical Name	Sample Code *Sample Date* Depth Unit \\ Location	SDX-03-6-8 *11/5/2001* 0.5 to 0.67 ft.BGS SD-03		SDX-03-8-10 *11/5/2001* 0.67 to 0.83 ft.BGS SD-03		SDX-06-0-2 *11/1/2001* 0 to 0.17 ft.BGS SD-06		SDX-06-10-12 *11/1/2001* 0.83 to 1 ft.BGS SD-06		SDX-06-2-4 *11/1/2001* 0.17 to 0.33 ft.BGS SD-06	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	0	R	0	R	1100	UJ	1000	UJ	900	UJ
100-02-7	4-Nitrophenol	ug/kg	0	R	1100	U	1100	U	1000	U	900	U
132-64-9	Dibenzofuran	ug/kg	0	R	430	U	420	U	16	J	360	U
121-14-2	2,4-Dinitrotoluene	ug/kg	0	R	430	U	420	U	400	U	360	U
84-66-2	Diethyl phthalate	ug/kg	0	R	430	U	420	U	400	U	360	U
86-73-7	Fluorene	ug/kg	0	R	62	J	420	U	48	J	360	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	0	R	430	U	420	U	400	U	360	U
100-01-6	P-Nitroaniline	ug/kg	0	R	1100	UJ	1100	U	1000	U	900	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	0	R	1100	U	1100	UJ	1000	UJ	900	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	0	R	430	U	420	U	400	U	360	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	0	R	430	U	420	U	400	U	360	U
118-74-1	Hexachlorobenzene	ug/kg	0	R	430	U	420	U	400	U	360	U
1912-24-9	Atrazine	ug/kg	0	R	430	U	420	U	400	U	360	U
87-86-5	Pentachlorophenol	ug/kg	0	R	1100	UJ	1100	U	1000	U	900	U
85-01-8	Phenanthrene	ug/kg	160	J	750		88	J	420		200	J
120-12-7	Anthracene	ug/kg	0	R	160	J	30	J	100	J	37	J
86-74-8	Carbazole	ug/kg	0	R	88	J	12	J	35	J	33	J
84-74-2	Di-n-butylphthalate	ug/kg	110	J	430	U	420	U	400	U	360	U
206-44-0	Fluoranthene	ug/kg	240	J	1200		210	J	790		480	
129-00-0	Pyrene	ug/kg	920	J	1000	J	160	J	650		370	
85-68-7	Benzyl butyl phthalate	ug/kg	0	R	430	UJ	420	U	400	U	360	U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	0	R	0	R	420	U	400	U	360	U
56-55-3	Benzo(a)anthracene	ug/kg	97	J	470		82	J	250	J	170	J
218-01-9	Chrysene	ug/kg	170	J	570		120	J	330	J	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	63	J	530	J	420	U	400	U	360	U
117-84-0	Di-n-octylphthalate	ug/kg	0	R	0	R	420	U	400	U	50	J
205-99-2	Benzo(b)fluoranthene	ug/kg	130	J	570		120	J	310	J	250	J
207-08-9	Benzo(k)fluoranthene	ug/kg	140	J	460		110	J	260	J	200	J
50-32-8	Benzo(a)pyrene	ug/kg	320	J	410	J	87	J	240	J	170	J
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	160	J	330	J	55	J	130	J	110	J
53-70-3	Dibenzo(a,h)anthracene	ug/kg	0	R	88	J	420	U	60	J	32	J
191-24-2	Benzo(g,h,i)perylene	ug/kg	0	R	120	J	60	J	110	J	120	J

303682

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03		SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03		SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06		SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06		SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
319-85-7	beta-BHC	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
319-86-8	delta-BHC	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
76-44-8	Heptachlor	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
309-00-2	Aldrin	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
959-98-8	Endosulfan I	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
60-57-1	Dieldrin	ug/kg	4.3	U	4.3	U	4.2	U	4	U	3.6	U
72-55-9	4,4'-DDE	ug/kg	4.3	U	4.3	U	4.2	U	4	U	3.6	U
72-20-8	Endrin	ug/kg	4.3	U	4.3	U	4.2	U	4	U	3.6	U
33213-65-9	Endosulfan II	ug/kg	4.3	U	4.3	U	4.2	U	4	U	3.6	U
72-54-8	4,4'-DDD	ug/kg	4.3	U	4.3	U	4.2	U	4	U	3.6	U
1031-07-8	Endosulfan Sulfate	ug/kg	4.3	U	4.3	U	4.2	U	4	U	3.6	U
50-29-3	4,4'-DDT	ug/kg	4.3	U	4.3	U	4.2	U	4	U	3.6	U
72-43-5	Methoxychlor	ug/kg	22	U	22	U	22	U	20	U	18	U
53494-70-5	Endrin Ketone	ug/kg	4.3	U	4.4		4.2	U	4	U	3.6	U
7421-93-4	Endrin Aldehyde	ug/kg	4.3	U	4.3	U	4.2	U	4	U	3.6	U
5103-71-9	alpha-Chlordane	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
5103-74-2	gamma-Chlordane	ug/kg	2.2	U	2.2	U	2.2	U	2	U	1.8	U
8001-35-2	Toxphene	ug/kg	220	U	220	U	220	U	200	U	180	U
12674-11-2	Aroclor-1016	ug/kg	43	U	43	U	42	U	40	U	36	U
11104-28-2	Aroclor-1221	ug/kg	87	U	88	U	85	U	81	U	73	U
11141-16-5	Aroclor-1232	ug/kg	43	U	43	U	42	U	40	U	36	U
53469-21-9	Aroclor-1242	ug/kg	43	U	43	U	42	U	40	U	36	U
12672-29-6	Aroclor-1248	ug/kg	43	U	43	U	42	U	40	U	36	U
11097-69-1	Aroclor-1254	ug/kg	21	J	43	U	42	U	40	U	36	U
11096-82-5	Aroclor-1260	ug/kg	43	U	43	U	42	U	40	U	36	U

303683

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03		SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03		SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06		SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06		SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06	
Inorg-s	***Inorganic Analytes***											
7429-90-5	Aluminum	mg/kg	4130		4180		6650	J	3530	J	3100	J
7440-36-0	Antimony	mg/kg	0.94	U	0.9	U	1.3	U	1.3	U	1.2	U
7440-38-2	Arsenic	mg/kg	2.8		5.1		4.5		2.2	B	2	B
7440-39-3	Barium	mg/kg	26.3	B	29.3	B	29.5	B	17.2	B	16.9	B
7440-41-7	Beryllium	mg/kg	0.25	B	0.31	B	0.92	B	0.61	B	0.68	B
7440-43-9	Cadmium	mg/kg	0.1	U	0.23	B	0.26	U	0.26	U	0.23	U
7440-70-2	Calcium	mg/kg	4680		6980		1970	J	4560	J	3440	J
7440-47-3	Chromium	mg/kg	10.5	J	12.3	J	8.9	J	7	J	5.7	J
7440-48-4	Cobalt	mg/kg	4.1	B	5.1	B	6.8	B	3.5	B	2.8	B
7440-50-8	Copper	mg/kg	19.7		28.4		14.7	J	7.8	J	6.5	J
7439-89-6	Iron	mg/kg	11600		12500		16600		10300		9310	
7439-92-1	Lead	mg/kg	22.8		41.7		3.5		8.8		8.2	
7439-95-4	Magnesium	mg/kg	2370		2870		2200		1710		1490	
7439-96-5	Manganese	mg/kg	179		147		565	J	167	J	125	J
7439-97-6	Mercury	mg/kg	8.1		7.6		0.07	B	0.19		0.13	
7440-02-0	Nickel	mg/kg	10.3	B	15.2		12.1		7.1	B	6.3	B
7440-09-7	Potassium	mg/kg	392	BE	430	BE	488	B	383	B	251	B
7782-49-2	Selenium	mg/kg	1.1	U	1	U	1.3	UJ	1.3	UJ	1.2	UJ
7440-22-4	Silver	mg/kg	1.2	BNJ	1.4	BNJ	0.53	U	0.53	U	0.46	U
7440-23-5	Sodium	mg/kg	109	B	144	B	227	BJ	238	BJ	237	BJ
7440-28-0	Thallium	mg/kg	1.3	U	1.2	U	2.1	U	2.1	U	2	B
7440-62-2	Vanadium	mg/kg	10.5	B	13.7		14.5		10.5	B	9.2	B
7440-66-6	Zinc	mg/kg	118		132		40.9	J	45.6	J	45.8	J

303684

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03		SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03		SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06		SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06		SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	560		900		0	R	0	R	0	R
GIS-110-012	Total Organic Carbon	mg/kg	13500		41700		2260		7700		8380	
12408-02-5	pH	S.U.	7.59		7.73		7.28		7.53		7.2	
Extra HG-S	**Extra Mercury Analyses**											
7439-97-6	Mercury	ug/g	9.87		26.03		0.05		0.21		0.17	
22967-92-6	Methyl Mercury	ng/g	12.61		8.28		0.16		0.89		1.17	
Grain-90	**Grain - 6 members**											
105	<105	%	30.4		27.2		72.3		32.4		21.6	
105-425	105-425	%	54.6		46.7		14.6		62.9		70.2	
425 - 500	425 - 500	%	1.44		1.66		1.42		1.2		2.29	
500 - 850	500 - 850	%	3.27		4.07		4.98		2.02		4.07	
850 - 2380	850 - 2380	%	4.25		6.78		6.18		1.36		1.72	
2380	>2380	%	6.05		13.5		0.44		0.06		0.2	

303685

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06		SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06		SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06	
VOA-s	**Volatile Organics**							
75-71-8	Dichlorodifluoromethane	ug/kg	11	U	10	U	11	U
74-87-3	Chloromethane	ug/kg	11	U	10	U	11	U
75-01-4	Vinyl Chloride	ug/kg	11	U	10	U	11	U
74-83-9	Bromomethane	ug/kg	11	U	10	U	11	U
75-00-3	Chloroethane	ug/kg	11	U	10	U	11	U
75-69-4	Trichlorofluoromethane	ug/kg	11	U	10	U	11	U
75-35-4	1,1-Dichloroethene	ug/kg	11	U	10	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	U	10	U	11	U
67-64-1	Acetone	ug/kg	58		58		59	
75-15-0	Carbon Disulfide	ug/kg	26		20		22	
79-20-9	Methyl Acetate	ug/kg	26		25		17	
75-09-2	Methylene Chloride	ug/kg	11	U	10	U	11	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	U	10	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	U	10	U	11	U
75-34-3	1,1-Dichloroethane	ug/kg	11	U	10	U	11	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	U	10	U	11	U
78-93-3	2-Butanone	ug/kg	11	U	10	U	11	U
67-66-3	Chloroform	ug/kg	11	U	10	U	11	U
71-55-6	1,1,1-Trichloroethane	ug/kg	11	U	10	U	11	U
110-82-7	Cyclohexane	ug/kg	11	U	10	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	11	U	10	U	11	U
71-43-2	Benzene	ug/kg	11	U	10	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	11	U	10	U	11	U
79-01-6	Trichloroethene	ug/kg	11	U	10	U	11	U
108-87-2	Methylcyclohexane	ug/kg	11	U	10	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	11	U	10	U	11	U
75-27-4	Bromodichloromethane	ug/kg	11	U	10	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	U	10	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	2	J	3	J	2	J

303686

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06		SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06		SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06	
108-88-3	Toluene	ug/kg	3	J	2	J	2	J
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	U	10	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	11	U	10	U	11	U
127-18-4	Tetrachloroethene	ug/kg	11	U	10	U	11	U
591-78-6	2-Hexanone	ug/kg	11	U	10	U	11	U
124-48-1	Dibromochloromethane	ug/kg	11	U	10	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	11	U	10	U	11	U
108-90-7	Chlorobenzene	ug/kg	11	U	10	U	11	U
100-41-4	Ethylbenzene	ug/kg	11	U	10	U	11	U
1330-20-7	Xylenes (total)	ug/kg	11	U	10	U	11	U
100-42-5	Styrene	ug/kg	11	U	10	U	11	U
75-25-2	Bromoform	ug/kg	2	J	1	J	2	J
98-82-8	Isopropylbenzene	ug/kg	11	U	10	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	U	10	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	11	U	10	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	11	U	10	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	11	U	10	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	U	10	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	U	10	U	11	U

303687

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06		SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06		SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06	
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	12	J	15	J	17	J
108-95-2	Phenol	ug/kg	400	U	400	U	390	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	400	U	400	U	390	U
95-57-8	2-Chlorophenol	ug/kg	400	U	400	U	390	U
95-48-7	2-Methylphenol	ug/kg	400	U	400	U	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	400	U	400	U	390	U
98-86-2	Acetophenone	ug/kg	400	U	400	U	390	U
106-44-5	4-Methylphenol	ug/kg	400	U	400	U	390	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	400	U	400	U	390	U
67-72-1	Hexachloroethene	ug/kg	400	U	400	U	390	U
98-95-3	Nitrobenzene	ug/kg	400	U	400	U	390	U
78-59-1	Isophorone	ug/kg	400	U	400	U	390	U
88-75-5	2-Nitrophenol	ug/kg	400	U	400	U	390	U
105-67-9	2,4-Dimethylphenol	ug/kg	400	U	400	U	390	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	400	U	400	U	390	U
120-83-2	2,4-Dichlorophenol	ug/kg	400	U	400	U	390	U
91-20-3	Naphthalene	ug/kg	400	U	400	U	390	U
106-47-8	p-Chloroaniline	ug/kg	400	U	400	U	390	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	400	U	400	U	390	U
105-60-2	Caprolactam	ug/kg	400	U	400	U	390	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	400	U	400	U	390	U
91-57-6	2-Methylnaphthalene	ug/kg	13	J	400	U	390	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	400	UJ	400	UJ	390	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	400	U	400	U	390	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	1000	U	1000	U	990	U
92-52-4	1,1'-Biphenyl	ug/kg	400	U	400	U	390	U
91-58-7	2-Chloronaphthalene	ug/kg	400	U	400	U	390	U
88-74-4	2-Nitroaniline	ug/kg	1000	U	1000	U	990	U
131-11-3	Dimethyl phthalate	ug/kg	400	U	400	U	390	U
606-20-2	2,6-Dinitrotoluene	ug/kg	400	U	400	U	390	U
208-96-8	Acenaphthylene	ug/kg	11	J	11	J	11	J
99-09-2	3-Nitrooaniline	ug/kg	1000	U	1000	U	990	U
83-32-9	Acenaphthene	ug/kg	40	J	400	U	33	J

303688

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06		SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06		SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06	
SV-2-s	**SemiVolatile Organics - Page 2**							
51-28-5	2,4-Dinitrophenol	ug/kg	1000	UJ	1000	UJ	990	UJ
100-02-7	4-Nitrophenol	ug/kg	1000	U	1000	U	990	U
132-64-9	Dibenzofuran	ug/kg	25	J	400	U	21	J
121-14-2	2,4-Dinitrotoluene	ug/kg	400	U	400	U	390	U
84-66-2	Diethyl phthalate	ug/kg	400	U	400	U	390	U
86-73-7	Fluorene	ug/kg	50	J	14	J	52	J
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	400	U	400	U	390	U
100-01-6	P-Nitroaniline	ug/kg	1000	U	1000	U	990	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1000	UJ	1000	UJ	990	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	400	U	400	U	390	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	400	U	400	U	390	U
118-74-1	Hexachlorobenzene	ug/kg	400	U	400	U	390	U
1912-24-9	Atrazine	ug/kg	400	U	400	U	390	U
87-86-5	Pentachlorophenol	ug/kg	1000	U	1000	U	990	U
85-01-8	Phenanthrene	ug/kg	470		140	J	540	
120-12-7	Anthracene	ug/kg	120	J	29	J	93	J
86-74-8	Carbazole	ug/kg	65	J	24	J	81	J
84-74-2	Di-n-butylphthalate	ug/kg	400	U	400	U	390	U
206-44-0	Fluoranthene	ug/kg	1100		490		1000	
129-00-0	Pyrene	ug/kg	830		390	J	840	
85-68-7	Benzyl butyl phthalate	ug/kg	13	J	20	J	18	J
91-94-1	3,3`-Dichlorobenzidine	ug/kg	400	U	400	U	390	U
56-55-3	Benzo(a)anthracene	ug/kg	340	J	160	J	390	J
218-01-9	Chrysene	ug/kg	460		250	J	490	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	400	U	530	U	390	U
117-84-0	Di-n-octylphthalate	ug/kg	56	J	76	J	52	J
205-99-2	Benzo(b)fluoranthene	ug/kg	500		240	J	490	
207-08-9	Benzo(k)fluoranthene	ug/kg	380	J	300	J	470	
50-32-8	Benzo(a)pyrene	ug/kg	350	J	190	J	360	J
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	190	J	130	J	230	J
53-70-3	Dibenzo(a,h)anthracene	ug/kg	52	J	35	J	100	J
191-24-2	Benzo(g,h,i)perylene	ug/kg	170	J	120	J	210	J

303689

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06		SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06		SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06	
P/PCBs-s	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/kg	2	U	2.1	U	2	U
319-85-7	beta-BHC	ug/kg	2	U	2.1	U	2	U
319-86-8	delta-BHC	ug/kg	2	U	2.1	U	2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2	U	2.1	U	2	U
76-44-8	Heptachlor	ug/kg	2	U	2.1	U	2	U
309-00-2	Aldrin	ug/kg	2	U	2.1	U	2	U
1024-57-3	Heptachlor Epoxide	ug/kg	2	U	2.1	U	2	U
959-98-8	Endosulfan I	ug/kg	2	U	2.1	U	2	U
60-57-1	Dieldrin	ug/kg	4	U	4	U	3.9	U
72-55-9	4,4'-DDE	ug/kg	4	U	4	U	3.9	U
72-20-8	Endrin	ug/kg	4	U	4	U	3.9	U
33213-65-9	Endosulfan II	ug/kg	4	U	4	U	3.9	U
72-54-8	4,4'-DDD	ug/kg	4	U	4	U	3.9	U
1031-07-8	Endosulfan Sulfate	ug/kg	4	U	4	U	3.9	U
50-29-3	4,4'-DDT	ug/kg	4	U	4	U	3.9	U
72-43-5	Methoxychlor	ug/kg	20	U	21	U	20	U
53494-70-5	Endrin Ketone	ug/kg	4	U	4	U	3.9	U
7421-93-4	Endrin Aldehyde	ug/kg	4	U	4	U	3.9	U
5103-71-9	alpha-Chlordane	ug/kg	2	U	2.1	U	2	U
5103-74-2	gamma-Chlordane	ug/kg	2	U	2.1	U	2	U
8001-35-2	Toxphene	ug/kg	200	U	210	U	200	U
12674-11-2	Aroclor-1016	ug/kg	40	U	40	U	39	U
11104-28-2	Aroclor-1221	ug/kg	81	U	82	U	80	U
11141-16-5	Aroclor-1232	ug/kg	40	U	40	U	39	U
53469-21-9	Aroclor-1242	ug/kg	40	U	40	U	39	U
12672-29-6	Aroclor-1248	ug/kg	40	U	40	U	39	U
11097-69-1	Aroclor-1254	ug/kg	40	U	40	U	39	U
11096-82-5	Aroclor-1260	ug/kg	40	U	40	U	39	U

303690

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06		SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06		SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06	
Inorg-s	**Inorganic Analytes**							
7429-90-5	Aluminum	mg/kg	3960	J	3250	J	3000	J
7440-36-0	Antimony	mg/kg	1.2	U	1.2	U	1.3	U
7440-38-2	Arsenic	mg/kg	2.6		2.3	B	1.8	B
7440-39-3	Barium	mg/kg	21.1	B	16.2	B	15.6	B
7440-41-7	Beryllium	mg/kg	0.73	B	0.71	B	0.72	B
7440-43-9	Cadmium	mg/kg	0.25	U	0.25	U	0.25	U
7440-70-2	Calcium	mg/kg	3310	J	3200	J	3790	J
7440-47-3	Chromium	mg/kg	7.1	J	6.2	J	5.8	J
7440-48-4	Cobalt	mg/kg	3.4	B	3	B	2.8	B
7440-50-8	Copper	mg/kg	7.4	J	6.2	J	8.8	J
7439-89-6	Iron	mg/kg	10300		9210		8670	
7439-92-1	Lead	mg/kg	10.7		8.8		8.8	
7439-95-4	Magnesium	mg/kg	1650		1490		1390	
7439-96-5	Manganese	mg/kg	104	J	119	J	109	J
7439-97-6	Mercury	mg/kg	0.13		0.14		0.16	
7440-02-0	Nickel	mg/kg	7.6	B	6.4	B	5.9	B
7440-09-7	Potassium	mg/kg	220	B	314	B	247	B
7782-49-2	Selenium	mg/kg	1.2	UJ	1.2	UJ	1.3	UJ
7440-22-4	Silver	mg/kg	0.49	U	0.49	U	0.5	U
7440-23-5	Sodium	mg/kg	259	BJ	117	BJ	225	BJ
7440-28-0	Thallium	mg/kg	2.6		2	U	2	U
7440-62-2	Vanadium	mg/kg	10.8	B	9.6	B	8.8	B
7440-66-6	Zinc	mg/kg	47.9	J	47	J	46.9	J

303691

Cas Rn	Chemical Name	Sample Code Sample Date Depth. Unit \\ Location	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06		SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06		SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06	
Add-I	**Additional Parameters**							
7440-23-5	Sodium	MEQ/kg	0	R	0	R	0	R
GIS-110-012	Total Organic Carbon	mg/kg	7600		6200		19800	
12408-02-5	pH	S.U.	7.37		7.28		7.33	
Extra HG-S	**Extra Mercury Analyses**							
7439-97-6	Mercury	ug/g	0.27		0.22		0.17	
22967-92-6	Methyl Mercury	ng/g	0.92		1.6		1.06	
Grain-90	**Grain - 6 members**							
105	<105	%	19.5		21.1		16.7	
105-425	105-425	%	76.3		74.3		78.9	
425 - 500	425 - 500	%	1.27		1.46		1.38	
500 - 850	500 - 850	%	1.78		1.94		1.69	
850 - 2380	850 - 2380	%	0.92		1.17		1.05	
2380	>2380	%	0.25		0		0.25	

303692

Table 4

Stream and Pond Surface Water Sample Results

		Sample Code	SWS-01		SWS-02		SWS-03		SWS-03-D		SWS-04	
		Sample Date	11/5/2001		11/5/2001		11/5/2001		11/5/2001		11/5/2001	
Cas Rn	Chemical Name	Unit \\ Location	SW-01		SW-02		SW-03		SW-03		SW-04	
VOA-w	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/l	10	U	10	U	10	U	10	U	10	U
74-87-3	Chloromethane	ug/l	10	U	10	U	10	U	10	U	10	U
75-01-4	Vinyl Chloride	ug/l	10	U	10	U	10	U	10	U	10	U
74-83-9	Bromomethane	ug/l	10	U	10	U	10	U	10	UJ	10	UJ
75-00-3	Chloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
75-69-4	Trichlorofluoromethane	ug/l	10	UJ	10	UJ	10	UJ	10	U	10	U
75-35-4	1,1-Dichloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	10	U	10	U	10	U	10	U	10	U
67-64-1	Acetone	ug/l	30	UJ	83	UJ	160	UJ	230	UJ	45	UJ
75-15-0	Carbon Disulfide	ug/l	10	U	10	U	10	U	10	U	10	U
79-20-9	Methyl Acetate	ug/l	10	U	10	U	10	U	10	U	10	U
75-09-2	Methylene Chloride	ug/l	10	U	10	U	10	U	10	U	10	U
156-60-5	trans-1,2-Dichloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
75-34-3	1,1-Dichloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
156-59-2	cis-1,2-Dichloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
78-93-3	2-Butanone	ug/l	10	U	10	U	10	U	10	UJ	10	UJ
67-66-3	Chloroform	ug/l	10	U	10	U	10	U	10	U	10	U
71-55-6	1,1,1-Trichloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
110-82-7	Cyclohexane	ug/l	10	U	10	U	10	U	10	U	10	U
56-23-5	Carbon Tetrachloride	ug/l	10	U	10	U	10	U	10	U	10	U
71-43-2	Benzene	ug/l	10	U	10	U	10	U	10	U	10	U
107-06-2	1,2-Dichloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
79-01-6	Trichloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
108-87-2	Methylcyclohexane	ug/l	10	U	10	U	10	U	10	U	10	U
78-87-5	1,2-Dichloropropane	ug/l	10	U	10	U	10	U	10	U	10	U
75-27-4	Bromodichloromethane	ug/l	10	U	10	U	10	U	10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	10	U	10	U	10	U	10	U	10	U
108-10-1	4-Methyl-2-pentanone	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ

303694

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-01 11/5/2001 SW-01	SWS-02 11/5/2001 SW-02	SWS-03 11/5/2001 SW-03	SWS-03-D 11/5/2001 SW-03	SWS-04 11/5/2001 SW-04
108-88-3	Toluene	ug/l	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/l	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/l	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/l	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
124-48-1	Dibromochloromethane	ug/l	10 U	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/l	10 U	10 U	10 U	10 UJ	10 UJ
108-90-7	Chlorobenzene	ug/l	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/l	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	ug/l	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	ug/l	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	ug/l	10 U	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	ug/l	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/l	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/l	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/l	10 U	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	10 U	10 U	10 U	10 UJ	10 UJ
120-82-1	1,2,4-Trichlorobenzene	ug/l	10 U	10 U	10 U	10 U	10 U

303695

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-01 11/5/2001 SW-01		SWS-02 11/5/2001 SW-02		SWS-03 11/5/2001 SW-03		SWS-03-D 11/5/2001 SW-03		SWS-04 11/5/2001 SW-04	
SV-1-w	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/l	11	UJ	0	R	0	R	0	R	10	UJ
108-95-2	Phenol	ug/l	11	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	11	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	11	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	11	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	11	U	10	UJ	10	UJ	10	UJ	10	U
98-86-2	Acetophenone	ug/l	11	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	11	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	11	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	11	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	11	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	11	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	11	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	11	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	11	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	11	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	11	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	11	U	10	U	10	U	10	U	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	11	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	11	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	11	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	11	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	11	UJ	10	U	10	U	10	U	10	UJ
88-06-2	2,4,6-Trichlorophenol	ug/l	11	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	27	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	11	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	11	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	27	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	11	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	11	U	10	UJ	10	UJ	10	UJ	10	U
208-96-8	Acenaphthylene	ug/l	11	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitrooaniline	ug/l	27	U	25	UJ	25	UJ	25	UJ	25	U
83-32-9	Acenaphthene	ug/l	11	U	10	U	10	U	10	U	10	U

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-01 11/5/2001 SW-01		SWS-02 11/5/2001 SW-02		SWS-03 11/5/2001 SW-03		SWS-03-D 11/5/2001 SW-03		SWS-04 11/5/2001 SW-04	
SV-2-w	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/l	0	R	0	R	0	R	0	R	0	R
100-02-7	4-Nitrophenol	ug/l	27	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	ug/l	11	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	11	U	10	UJ	10	UJ	10	UJ	10	U
84-66-2	Diethyl phthalate	ug/l	11	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	11	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	11	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	27	U	25	UJ	25	UJ	25	UJ	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	27	UJ	25	UJ	25	UJ	25	UJ	25	UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	11	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	11	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	11	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	11	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	ug/l	27	U	25	U	25	U	25	U	25	U
85-01-8	Phenanthrene	ug/l	11	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	11	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	11	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	11	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	11	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	11	U	10	UJ	10	UJ	10	UJ	10	U
85-68-7	Benzyl butyl phthalate	ug/l	11	U	10	UJ	10	UJ	10	UJ	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	11	U	10	UJ	10	UJ	10	UJ	10	U
56-55-3	Benzo(a)anthracene	ug/l	11	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	11	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	11	U	10	UJ	10	UJ	2	J	10	U
117-84-0	Di-n-octylphthalate	ug/l	11	U	10	UJ	10	UJ	10	UJ	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	11	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	11	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	11	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	11	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	11	UJ	10	U	10	U	10	U	10	UJ
191-24-2	Benzo(g,h,i)perylene	ug/l	11	UJ	10	U	10	U	10	U	10	UJ

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-01 11/5/2001 SW-01		SWS-02 11/5/2001 SW-02		SWS-03 11/5/2001 SW-03		SWS-03-D 11/5/2001 SW-03		SWS-04 11/5/2001 SW-04	
P/PCBs-w	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U	1	U	1	U	1	U

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		Sample Code	SWS-01		SWS-02		SWS-03		SWS-03-D		SWS-04	
		Sample Date	11/5/2001		11/5/2001		11/5/2001		11/5/2001		11/5/2001	
Cas Rn	Chemical Name	Unit \\ Location	SW-01		SW-02		SW-03		SW-03		SW-04	
Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	ug/l	42.7	B	52.6	BE	80.5	BE	53.7	BE	25	B
7440-36-0	Antimony	ug/l	3	U	3.6	U	3.6	U	4.1	B	3	U
7440-38-2	Arsenic	ug/l	3	U	3.2	U	3.2	U	6.5	B	3	U
7440-39-3	Barium	ug/l	76.5	B	139	B	102	B	102	B	94.9	B
7440-41-7	Beryllium	ug/l	1.3	B	0.74	B	0.74	B	0.72	B	1.3	B
7440-43-9	Cadmium	ug/l	1	U	0.4	U	0.4	U	0.4	U	2.3	B
7440-70-2	Calcium	ug/l	73600		108000		96900		97100		99100	
7440-47-3	Chromium	ug/l	1	U	0.6	U	0.6	U	0.6	U	1	U
7440-48-4	Cobalt	ug/l	2	U	1.5	U	1.5	U	1.5	U	2	U
7440-50-8	Copper	ug/l	2	U	15.2	BE	32.9	EJ	24.2	BE	2	U
7439-89-6	Iron	ug/l	0	R	304		422	J	618	J	0	R
7439-92-1	Lead	ug/l	2	U	10.3	*J	3.4	*J	21.1	*J	2	U
7439-95-4	Magnesium	ug/l	15300		16500		16500		16500		16800	
7439-96-5	Manganese	ug/l	349		235	*	171	*	164	*	210	
7439-97-6	Mercury	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel	ug/l	1.5	B	3.6	B	2.8	B	3.1	B	1.4	B
7440-09-7	Potassium	ug/l	4880	B	6240	EJ	4870	BE	5040	EJ	3760	B
7782-49-2	Selenium	ug/l	3	U	4.1	UJ	4.1	UJ	4.1	UJ	3	U
7440-22-4	Silver	ug/l	1	U	0.9	U	0.9	U	0.9	U	1	U
7440-23-5	Sodium	ug/l	143000	J	261000		197000		204000		192000	J
7440-28-0	Thallium	ug/l	4	U	6.9	B	5.3	B	7.2	B	4	U
7440-62-2	Vanadium	ug/l	1	U	1.3	B	1	U	1	U	1	U
7440-66-6	Zinc	ug/l	10.4	B	24.9	*	24.5	*	27.4	*	10.4	B
Extra Hg-W	**Extra Mercury**											
7439-97-6	Mercury	ug/l					0.1	U	0.1	U		
22967-92-6	Methyl Mercury	ng/l					0.22		0.38			

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit.\\ Location	SWS-01 11/5/2001 SW-01		SWS-02 11/5/2001 SW-02		SWS-03 11/5/2001 SW-03		SWS-03-D 11/5/2001 SW-03		SWS-04 11/5/2001 SW-04	
WetChem	**Wet Chemistry**											
GIS-210-003	Hardness as CaC03	mg/l	240		310		300		300		300	
GIS-210-010	Total Dissolved Solids	mg/l	650		1000		850		860		900	
GIS-210-009	Total Suspended Solids	mg/l	7		2		2		2		4	U
14808-79-8	Sulfate (as SO4)	mg/l	24.6		38.6		36.1		40.1		40.2	
GIS-110-012	Total Organic Carbon	mg/l	3.7	J	3.8		3.3		3.1		4.1	J

303700

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-05 10/31/2001 SW-05		SWS-05-D 10/31/2001 SW-05		SWS-06 11/1/2001 SW-06		SWS-07 10/31/2001 SW-07		SWS-08 10/31/2001 SW-08	
VOA-w	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
74-87-3	Chloromethane	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
75-01-4	Vinyl Chloride	ug/l	10	U	10	U	10	U	10	U	10	U
74-83-9	Bromomethane	ug/l	10	U	10	U	10	U	10	U	10	U
75-00-3	Chloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
75-69-4	Trichlorofluoromethane	ug/l	10	U	10	U	10	U	10	U	10	U
75-35-4	1,1-Dichloroethene	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
67-64-1	Acetone	ug/l	76	UJ	36	UJ	32	UJ	86	UJ	100	UJ
75-15-0	Carbon Disulfide	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
79-20-9	Methyl Acetate	ug/l	10	U	10	U	10	U	10	U	10	U
75-09-2	Methylene Chloride	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
156-60-5	trans-1,2-Dichloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	U	10	U	10	U	1	J	10	U
75-34-3	1,1-Dichloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
156-59-2	cis-1,2-Dichloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
78-93-3	2-Butanone	ug/l	10	U	10	U	10	U	10	U	10	U
67-66-3	Chloroform	ug/l	10	U	10	U	10	U	10	U	10	U
71-55-6	1,1,1-Trichloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
110-82-7	Cyclohexane	ug/l	10	U	10	U	10	U	10	U	10	U
56-23-5	Carbon Tetrachloride	ug/l	10	U	10	U	10	U	10	U	10	U
71-43-2	Benzene	ug/l	10	U	10	U	10	U	10	U	10	U
107-06-2	1,2-Dichloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
79-01-6	Trichloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
108-87-2	Methylcyclohexane	ug/l	10	U	10	U	10	U	10	U	10	U
78-87-5	1,2-Dichloropropane	ug/l	10	U	10	U	10	U	10	U	10	U
75-27-4	Bromodichloromethane	ug/l	10	U	10	U	10	U	10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	10	U	10	U	10	U	10	U	10	U
108-10-1	4-Methyl-2-pentanone	ug/l	10	U	10	U	10	U	10	U	10	U

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		Sample Code	SWS-05		SWS-05-D		SWS-06		SWS-07		SWS-08	
		Sample Date	10/31/2001		10/31/2001		11/1/2001		10/31/2001		10/31/2001	
Cas Rn	Chemical Name	Unit \\ Location	SW-05		SW-05		SW-06		SW-07		SW-08	
108-88-3	Toluene	ug/l	10	U	10	U	10	U	10	U	10	U
10061-02-6	trans-1,3-Dichloropropene	ug/l	10	U	10	U	10	U	10	U	10	U
79-00-5	1,1,2-Trichloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
127-18-4	Tetrachloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
591-78-6	2-Hexanone	ug/l	10	U	10	U	10	U	10	U	10	U
124-48-1	Dibromochloromethane	ug/l	10	U	10	U	10	U	10	U	10	U
106-93-4	1,2-Dibromoethane	ug/l	10	U	10	U	10	U	10	U	10	U
108-90-7	Chlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
100-41-4	Ethylbenzene	ug/l	10	U	10	U	10	U	10	U	10	U
1330-20-7	Xylenes (total)	ug/l	10	U	10	U	10	U	10	U	10	U
100-42-5	Styrene	ug/l	10	U	10	U	10	U	10	U	10	U
75-25-2	Bromoform	ug/l	10	U	10	U	10	U	10	U	10	U
98-82-8	Isopropylbenzene	ug/l	10	U	10	U	10	U	10	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	10	U	10	U	10	U	10	U	10	U
541-73-1	1,3-Dichlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
106-46-7	1,4-Dichlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
95-50-1	1,2-Dichlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	10	U	10	U	10	U	10	U	10	U
120-82-1	1,2,4-Trichlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-05 10/31/2001 SW-05		SWS-05-D 10/31/2001 SW-05		SWS-06 11/1/2001 SW-06		SWS-07 10/31/2001 SW-07		SWS-08 10/31/2001 SW-08	
SV-1-w	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/l	10	UJ	10	U	10	U	10	U	10	U
108-95-2	Phenol	ug/l	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	10	U	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	ug/l	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
88-06-2	2,4,6-Trichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitrooaniline	ug/l	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	ug/l	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-05 10/31/2001 SW-05		SWS-05-D 10/31/2001 SW-05		SWS-06 11/1/2001 SW-06		SWS-07 10/31/2001 SW-07		SWS-08 10/31/2001 SW-08	
SV-2-w	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/l	0	R	25	UJ	25	UJ	25	UJ	25	UJ
100-02-7	4-Nitrophenol	ug/l	25	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	ug/l	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	ug/l	25	U	25	UJ	25	UJ	25	UJ	25	UJ
85-01-8	Phenanthrene	ug/l	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
85-68-7	Benzyl butyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	10	UJ	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-05 10/31/2001 SW-05		SWS-05-D 10/31/2001 SW-05		SWS-06 11/1/2001 SW-06		SWS-07 10/31/2001 SW-07		SWS-08 10/31/2001 SW-08	
P/PCBs-w	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U	1	U	1	U	1	U

303705

		Sample Code	SWS-05		SWS-05-D		SWS-06		SWS-07		SWS-08	
		Sample Date	10/31/2001		10/31/2001		11/1/2001		10/31/2001		10/31/2001	
Cas Rn	Chemical Name	Unit \\ Location	SW-05		SW-05		SW-06		SW-07		SW-08	
Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	ug/l	20.5	B	32.7	B	34.1	B	106	B	94.8	B
7440-36-0	Antimony	ug/l	3	U	3	U	3	U	3	U	3	U
7440-38-2	Arsenic	ug/l	3	U	3	U	3.8	B	3.2	B	3	U
7440-39-3	Barium	ug/l	96.8	B	94.9	B	91.9	B	74.3	B	73.3	B
7440-41-7	Beryllium	ug/l	1	U	1	U	1.3	B	1.4	B	1	U
7440-43-9	Cadmium	ug/l	1	U	1	U	1	U	1	U	1	U
7440-70-2	Calcium	ug/l	106000		102000		99200		86500		88900	
7440-47-3	Chromium	ug/l	1	U	1	U	1	U	1.3	B	1	U
7440-48-4	Cobalt	ug/l	2	U	2	U	2	U	2.1	B	2	U
7440-50-8	Copper	ug/l	2	U	2	U	2	U	2	U	2	U
7439-89-6	Iron	ug/l	305		330		342		365		394	
7439-92-1	Lead	ug/l	2	U	2	U	2	U	2	U	2	U
7439-95-4	Magnesium	ug/l	16700		16300		16200		16500		17200	
7439-96-5	Manganese	ug/l	227		221		208		170		157	
7439-97-6	Mercury	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel	ug/l	1	B	15.1	B	1.6	B	1.4	B	1.1	B
7440-09-7	Potassium	ug/l	4000	B	4010	B	3670	B	3740	B	4210	B
7782-49-2	Selenium	ug/l	3	U	3	U	3	U	3	U	3	U
7440-22-4	Silver	ug/l	1	U	1	U	1	U	1	U	1	U
7440-23-5	Sodium	ug/l	205000	J	205000	J	198000	J	155000	J	149000	J
7440-28-0	Thallium	ug/l	4	U	4	U	4	U	4	U	4	U
7440-62-2	Vanadium	ug/l	1	U	1	U	1	U	1	U	1	U
7440-66-6	Zinc	ug/l	5.3	B	13.9	B	5.6	B	3.7	B	4.2	B
Extra Hg-W	**Extra Mercury**											
7439-97-6	Mercury	ug/l					0.1	U				
22967-92-6	Methyl Mercury	ng/l					0.2					

303706

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-05 10/31/2001 SW-05		SWS-05-D 10/31/2001 SW-05		SWS-06 11/1/2001 SW-06		SWS-07 10/31/2001 SW-07		SWS-08 10/31/2001 SW-08	
WetChem	**Wet Chemistry**											
GIS-210-003	Hardness as CaC03	mg/l	300		300		300		270		270	
GIS-210-010	Total Dissolved Solids	mg/l	1000		980		910		760		720	
GIS-210-009	Total Suspended Solids	mg/l	4	U	4	U	1		4	U	4	U
14808-79-8	Sulfate (as SO4)	mg/l	40.8		41.1		45.9		35.5		31.8	
GIS-110-012	Total Organic Carbon	mg/l	4	J	3.6	J	3.5		5.2	J	3.1	J

303707

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-09 10/30/2001 SW-09		SWS-10 11/7/2001 SW-10		SWS-11 11/7/2001 SW-11		SWS-12 10/30/2001 SW-12		SWS-13 10/30/2001 SW-13	
VOA-w	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/l	10	UJ	10	U	20	U	10	UJ	10	UJ
74-87-3	Chloromethane	ug/l	10	UJ	10	U	20	U	10	UJ	10	UJ
75-01-4	Vinyl Chloride	ug/l	10	U	10	U	20	U	10	U	10	U
74-83-9	Bromomethane	ug/l	10	U	10	UJ	20	U	10	U	10	U
75-00-3	Chloroethane	ug/l	10	U	10	U	20	U	10	U	10	U
75-69-4	Trichlorofluoromethane	ug/l	10	U	10	U	20	U	10	U	10	U
75-35-4	1,1-Dichloroethene	ug/l	10	UJ	10	U	20	U	10	UJ	10	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	10	UJ	10	U	20	U	10	UJ	10	UJ
67-64-1	Acetone	ug/l	39	UJ	270	UJ	130	UJ	96	UJ	18	UJ
75-15-0	Carbon Disulfide	ug/l	10	UJ	10	U	20	U	10	UJ	10	UJ
79-20-9	Methyl Acetate	ug/l	10	U	10	U	20	U	10	U	10	U
75-09-2	Methylene Chloride	ug/l	10	UJ	10	U	20	U	10	UJ	10	UJ
156-60-5	trans-1,2-Dichloroethene	ug/l	10	U	10	U	20	U	10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	1	J	10	UJ	20	UJ	1	J	1	J
75-34-3	1,1-Dichloroethane	ug/l	10	U	10	U	20	U	10	U	10	U
156-59-2	cis-1,2-Dichloroethene	ug/l	10	U	10	U	20	U	10	U	10	U
78-93-3	2-Butanone	ug/l	10	U	10	UJ	20	UJ	10	U	10	U
67-66-3	Chloroform	ug/l	10	U	10	U	20	U	10	U	10	U
71-55-6	1,1,1-Trichloroethane	ug/l	10	U	10	U	20	U	10	U	10	U
110-82-7	Cyclohexane	ug/l	10	U	10	U	20	UJ	10	U	10	U
56-23-5	Carbon Tetrachloride	ug/l	10	U	10	U	20	U	10	U	10	U
71-43-2	Benzene	ug/l	10	U	10	U	20	U	10	U	10	U
107-06-2	1,2-Dichloroethane	ug/l	10	U	10	U	20	U	10	U	10	U
79-01-6	Trichloroethene	ug/l	10	U	10	U	20	U	10	U	10	U
108-87-2	Methylcyclohexane	ug/l	10	U	10	U	20	U	10	U	10	U
78-87-5	1,2-Dichloropropane	ug/l	10	U	10	U	20	U	10	U	10	U
75-27-4	Bromodichloromethane	ug/l	10	U	10	U	20	U	10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	10	U	10	U	20	U	10	U	10	U
108-10-1	4-Methyl-2-pentanone	ug/l	10	U	10	UJ	20	UJ	10	U	10	U

		Sample Code	SWS-09		SWS-10		SWS-11		SWS-12		SWS-13	
		Sample Date	10/30/2001		11/7/2001		11/7/2001		10/30/2001		10/30/2001	
Cas Rn	Chemical Name	Unit \\ Location	SW-09		SW-10		SW-11		SW-12		SW-13	
108-88-3	Toluene	ug/l	10	U	10	U	20	U	10	U	10	U
10061-02-6	trans-1,3-Dichloropropene	ug/l	10	U	10	U	20	U	10	U	10	U
79-00-5	1,1,2-Trichloroethane	ug/l	10	U	10	U	20	U	10	U	10	U
127-18-4	Tetrachloroethene	ug/l	10	U	10	U	20	U	10	U	10	U
591-78-6	2-Hexanone	ug/l	10	U	10	UJ	20	UJ	10	U	10	U
124-48-1	Dibromochloromethane	ug/l	10	U	10	U	20	U	10	U	10	U
106-93-4	1,2-Dibromoethane	ug/l	10	U	10	UJ	20	U	10	U	10	U
108-90-7	Chlorobenzene	ug/l	10	U	10	U	20	U	10	U	10	U
100-41-4	Ethylbenzene	ug/l	10	U	10	U	20	U	10	U	10	U
1330-20-7	Xylenes (total)	ug/l	10	U	10	U	20	U	10	U	10	U
100-42-5	Styrene	ug/l	10	U	10	U	20	U	10	U	10	U
75-25-2	Bromoform	ug/l	10	U	10	U	20	U	10	U	10	U
98-82-8	Isopropylbenzene	ug/l	10	U	10	U	20	U	10	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	10	U	10	U	20	U	10	U	10	U
541-73-1	1,3-Dichlorobenzene	ug/l	10	U	10	U	20	U	10	U	10	U
106-46-7	1,4-Dichlorobenzene	ug/l	10	U	10	U	20	U	10	U	10	U
95-50-1	1,2-Dichlorobenzene	ug/l	10	U	10	U	20	U	10	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	10	U	10	UJ	20	UJ	10	U	10	U
120-82-1	1,2,4-Trichlorobenzene	ug/l	10	U	10	U	20	U	10	U	10	U

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-09 10/30/2001 SW-09		SWS-10 11/7/2001 SW-10		SWS-11 11/7/2001 SW-11		SWS-12 10/30/2001 SW-12		SWS-13 10/30/2001 SW-13	
SV-1-w	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/l	10	U	0	R	0	R	10	U	10	U
108-95-2	Phenol	ug/l	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	10	U	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	ug/l	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroanilline	ug/l	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	10	UJ	10	U	10	U	10	UJ	10	UJ
88-06-2	2,4,6-Trichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	ug/l	25	U	25	UJ	25	UJ	25	U	25	U
83-32-9	Acenaphthene	ug/l	10	U	10	U	10	U	10	U	10	U

303710

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-09 10/30/2001 SW-09		SWS-10 11/7/2001 SW-10		SWS-11 11/7/2001 SW-11		SWS-12 10/30/2001 SW-12		SWS-13 10/30/2001 SW-13	
SV-2-w	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/l	25	UJ	0	R	0	R	25	UJ	25	UJ
100-02-7	4-Nitrophenol	ug/l	25	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	ug/l	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	25	U	25	UJ	25	UJ	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	25	UJ	25	U	25	U	25	UJ	25	UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	ug/l	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
85-01-8	Phenanthrene	ug/l	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	10	U	10	UJ	10	UJ	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
85-68-7	Benzyl butyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	10	U	10	UJ	10	UJ	10	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	10	U	10	UJ	10	UJ	10	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	10	UJ	10	U	10	U	10	UJ	10	UJ

303711

		Sample Code	SWS-09		SWS-10		SWS-11		SWS-12		SWS-13	
		Sample Date	10/30/2001		11/7/2001		11/7/2001		10/30/2001		10/30/2001	
Cas Rn	Chemical Name	Unit \\ Location	SW-09		SW-10		SW-11		SW-12		SW-13	
P/PCBs-w	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U	1	U	1	U	1	U

303712

		Sample Code	SWS-09		SWS-10		SWS-11		SWS-12		SWS-13	
		Sample Date	10/30/2001		11/7/2001		11/7/2001		10/30/2001		10/30/2001	
Cas Rn	Chemical Name	Unit \\ Location	SW-09		SW-10		SW-11		SW-12		SW-13	
Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	ug/l	103	B	142	BE	145	BE	99.1	B	75.1	B
7440-36-0	Antimony	ug/l	3	U	3.6	U	3.6	U	3	U	3	U
7440-38-2	Arsenic	ug/l	3	U	5.5	B	4	B	3	U	3	U
7440-39-3	Barium	ug/l	73.2	B	86.6	B	83.1	B	77.8	B	77.3	B
7440-41-7	Beryllium	ug/l	1	U	0.84	B	0.96	B	1	U	1	U
7440-43-9	Cadmium	ug/l	1	U	0.4	U	0.4	U	1	U	1	U
7440-70-2	Calcium	ug/l	84700		88100		86900		90600		92500	
7440-47-3	Chromium	ug/l	1	U	0.6	U	0.6	U	1	U	1.3	B
7440-48-4	Cobalt	ug/l	2	U	1.5	U	1.5	U	2	U	2.3	B
7440-50-8	Copper	ug/l	6.7	B	48.8	EJ	55.9	EJ	2.7	B	2	B
7439-89-6	Iron	ug/l	450		0	R	0	R	2160		602	
7439-92-1	Lead	ug/l	2.4	B	5.9	*J	3.7	*J	2	U	2	U
7439-95-4	Magnesium	ug/l	16600		16400		16200		16700		16800	
7439-96-5	Manganese	ug/l	172		212	*	188	*	208		204	
7439-97-6	Mercury	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel	ug/l	1.6	B	2.8	B	3.8	B	1.5	B	1.8	B
7440-09-7	Potassium	ug/l	4550	B	5400	EJ	5570	EJ	4230	B	4070	B
7782-49-2	Selenium	ug/l	3	U	4.1	UJ	4.1	U	3	U	3	U
7440-22-4	Silver	ug/l	1	U	0.9	U	0.9	U	1	U	1	U
7440-23-5	Sodium	ug/l	141000	J	159000		159000		163000	J	156000	J
7440-28-0	Thallium	ug/l	4	U	4.9	U	4.9	U	4	U	4	U
7440-62-2	Vanadium	ug/l	1	U	1.3	B	1.4	B	1	U	1	U
7440-66-6	Zinc	ug/l	8.5	B	0	R	0	R	6.6	B	5.6	B
Extra Hg-W	**Extra Mercury**											
7439-97-6	Mercury	ug/l					0.1					
22967-92-6	Methyl Mercury	ng/l					0.86					

303713

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-09 10/30/2001 SW-09		SWS-10 11/7/2001 SW-10		SWS-11 11/7/2001 SW-11		SWS-12 10/30/2001 SW-12		SWS-13 10/30/2001 SW-13	
WetChem	**Wet Chemistry**											
GIS-210-003	Hardness as CaC03	mg/l	260		280		270		270		280	
GIS-210-010	Total Dissolved Solids	mg/l	680		710		710		730		1500	
GIS-210-009	Total Suspended Solids	mg/l	4	U	11		4		6		4	
14808-79-8	Sulfate (as SO4)	mg/l	29.3		29.4		29.4		32.5		31.3	
GIS-110-012	Total Organic Carbon	mg/l	5.3	J	4.2		4		4.6	J	4.4	J

303714

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-14 10/30/2001 SW-14	
VOA-w	**Volatile Organics**			
75-71-8	Dichlorodifluoromethane	ug/l	10	UJ
74-87-3	Chloromethane	ug/l	10	UJ
75-01-4	Vinyl Chloride	ug/l	10	U
74-83-9	Bromomethane	ug/l	10	U
75-00-3	Chloroethane	ug/l	10	U
75-69-4	Trichlorofluoromethane	ug/l	10	U
75-35-4	1,1-Dichloroethene	ug/l	10	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	10	UJ
67-64-1	Acetone	ug/l	43	UJ
75-15-0	Carbon Disulfide	ug/l	10	UJ
79-20-9	Methyl Acetate	ug/l	10	U
75-09-2	Methylene Chloride	ug/l	10	UJ
156-60-5	trans-1,2-Dichloroethene	ug/l	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	U
75-34-3	1,1-Dichloroethane	ug/l	10	U
156-59-2	cis-1,2-Dichloroethene	ug/l	10	U
78-93-3	2-Butanone	ug/l	10	U
67-66-3	Chloroform	ug/l	10	U
71-55-6	1,1,1-Trichloroethane	ug/l	10	U
110-82-7	Cyclohexane	ug/l	10	U
56-23-5	Carbon Tetrachloride	ug/l	10	U
71-43-2	Benzene	ug/l	10	U
107-06-2	1,2-Dichloroethane	ug/l	10	U
79-01-6	Trichloroethene	ug/l	10	U
108-87-2	Methylcyclohexane	ug/l	10	U
78-87-5	1,2-Dichloropropane	ug/l	10	U
75-27-4	Bromodichloromethane	ug/l	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	10	U
108-10-1	4-Methyl-2-pentanone	ug/l	10	U

303715

		Sample Code	SWS-14	
		Sample Date	10/30/2001	
Cas Rn	Chemical Name	Unit \\ Location	SW-14	
108-88-3	Toluene	ug/l	10	U
10061-02-6	trans-1,3-Dichloropropene	ug/l	10	U
79-00-5	1,1,2-Trichloroethane	ug/l	10	U
127-18-4	Tetrachloroethene	ug/l	10	U
591-78-6	2-Hexanone	ug/l	10	U
124-48-1	Dibromochloromethane	ug/l	10	U
106-93-4	1,2-Dibromoethane	ug/l	10	U
108-90-7	Chlorobenzene	ug/l	10	U
100-41-4	Ethylbenzene	ug/l	10	U
1330-20-7	Xylenes (total)	ug/l	10	U
100-42-5	Styrene	ug/l	10	U
75-25-2	Bromoform	ug/l	10	U
98-82-8	Isopropylbenzene	ug/l	10	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	10	U
541-73-1	1,3-Dichlorobenzene	ug/l	10	U
106-46-7	1,4-Dichlorobenzene	ug/l	10	U
95-50-1	1,2-Dichlorobenzene	ug/l	10	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	10	U
120-82-1	1,2,4-Trichlorobenzene	ug/l	10	U

303716

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-14 10/30/2001 SW-14	
SV-1-w	**SemiVolatile Organics - Page 1**			
100-52-7	Benzaldehyde	ug/l	10	U
108-95-2	Phenol	ug/l	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	10	U
95-57-8	2-Chlorophenol	ug/l	10	U
95-48-7	2-Methylphenol	ug/l	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	10	U
98-86-2	Acetophenone	ug/l	10	U
106-44-5	4-Methylphenol	ug/l	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	10	U
67-72-1	Hexachloroethene	ug/l	10	U
98-95-3	Nitrobenzene	ug/l	10	U
78-59-1	Isophorone	ug/l	10	U
88-75-5	2-Nitrophenol	ug/l	10	U
105-67-9	2,4-Dimethylphenol	ug/l	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	10	U
120-83-2	2,4-Dichlorophenol	ug/l	10	U
91-20-3	Naphthalene	ug/l	10	U
106-47-8	p-Chloroaniline	ug/l	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	10	U
105-60-2	Caprolactam	ug/l	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	10	U
91-57-6	2-Methylnaphthalene	ug/l	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	10	UJ
88-06-2	2,4,6-Trichlorophenol	ug/l	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	25	U
92-52-4	1,1'-Biphenyl	ug/l	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	U
88-74-4	2-Nitroaniline	ug/l	25	U
131-11-3	Dimethyl phthalate	ug/l	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	10	U
208-96-8	Acenaphthylene	ug/l	10	U
99-09-2	3-Nitrooaniline	ug/l	25	U
83-32-9	Acenaphthene	ug/l	10	U

303717

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-14 10/30/2001 SW-14	
SV-2-w	**SemiVolatile Organics - Page 2**			
51-28-5	2,4-Dinitrophenol	ug/l	25	UJ
100-02-7	4-Nitrophenol	ug/l	25	U
132-64-9	Dibenzofuran	ug/l	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	10	U
84-66-2	Diethyl phthalate	ug/l	10	U
86-73-7	Fluorene	ug/l	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	10	U
100-01-6	P-Nitroaniline	ug/l	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	25	UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	10	U
118-74-1	Hexachlorobenzene	ug/l	10	U
1912-24-9	Atrazine	ug/l	10	U
87-86-5	Pentachlorophenol	ug/l	25	UJ
85-01-8	Phenanthrene	ug/l	10	U
120-12-7	Anthracene	ug/l	10	U
86-74-8	Carbazole	ug/l	10	U
84-74-2	Di-n-butylphthalate	ug/l	10	U
206-44-0	Fluoranthene	ug/l	10	U
129-00-0	Pyrene	ug/l	10	U
85-68-7	Benzyl butyl phthalate	ug/l	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	10	U
56-55-3	Benzo(a)anthracene	ug/l	10	U
218-01-9	Chrysene	ug/l	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	10	U
117-84-0	Di-n-octylphthalate	ug/l	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	10	U
50-32-8	Benzo(a)pyrene	ug/l	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	10	UJ

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-14 10/30/2001 SW-14	
P/PCBs-w	**Pesticides/PCB Organics**			
319-84-6	alpha-BHC	ug/l	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U
309-00-2	Aldrin	ug/l	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U
72-20-8	Endrin	ug/l	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U
8001-35-2	Toxphene	ug/l	5	U
12674-11-2	Aroclor-1016	ug/l	1	U
11104-28-2	Aroclor-1221	ug/l	2	U
11141-16-5	Aroclor-1232	ug/l	1	U
53469-21-9	Aroclor-1242	ug/l	1	U
12672-29-6	Aroclor-1248	ug/l	1	U
11097-69-1	Aroclor-1254	ug/l	1	U
11096-82-5	Aroclor-1260	ug/l	1	U

303719

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	SWS-14 10/30/2001 SW-14	
Inorg-w	**Inorganic Analytes**			
7429-90-5	Aluminum	ug/l	117	B
7440-36-0	Antimony	ug/l	3	U
7440-38-2	Arsenic	ug/l	3	U
7440-39-3	Barium	ug/l	79.4	B
7440-41-7	Beryllium	ug/l	1	U
7440-43-9	Cadmium	ug/l	1	U
7440-70-2	Calcium	ug/l	91000	
7440-47-3	Chromium	ug/l	1	U
7440-48-4	Cobalt	ug/l	2	U
7440-50-8	Copper	ug/l	2	U
7439-89-6	Iron	ug/l	533	
7439-92-1	Lead	ug/l	2	U
7439-95-4	Magnesium	ug/l	16700	
7439-96-5	Manganese	ug/l	188	
7439-97-6	Mercury	ug/l	0.1	U
7440-02-0	Nickel	ug/l	1	U
7440-09-7	Potassium	ug/l	4370	B
7782-49-2	Selenium	ug/l	3	U
7440-22-4	Silver	ug/l	1	U
7440-23-5	Sodium	ug/l	162000	J
7440-28-0	Thallium	ug/l	4	U
7440-62-2	Vanadium	ug/l	1	U
7440-66-6	Zinc	ug/l	26	
Extra Hg-W	**Extra Mercury**			
7439-97-6	Mercury	ug/l		
22967-92-6	Methyl Mercury	ng/l		

303720

Cas Rn	Chemical Name	Unit \\ Location	Sample Code: SWS-14 Sample Date: 10/30/2001 SW-14	
WetChem	**Wet Chemistry**			
GIS-210-003	Hardness as CaC03	mg/l	280	
GIS-210-010	Total Dissolved Solids	mg/l	750	
GIS-210-009	Total Suspended Solids	mg/l	4	U
14808-79-8	Sulfate (as SO4)	mg/l	32.9	
GIS-110-012	Total Organic Carbon	mg/l	4.5	J

303721

Table 5

Sport Fish and Forage Fish Sample Results

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSF-ECO-02-PD 11/7/2001 Inga'sPond		FSF-ECO-02-ST 11/6/2001 SW-02		FSF-ECO-06-ST 11/6/2001 SW-06		FSF-ECO-10-PDA 11/7/2001 I-90 Pond		FSF-ECO-10-PDB 11/7/2001 I-90 Pond	
SW8260B	**Volatile Organics**											
71-55-6	1,1,1-Trichloroethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-34-3	1,1-Dichloroethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-35-4	1,1-Dichloroethene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
107-06-2	1,2-Dichloroethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
540-59-0	1,2-Dichloroethene, total	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
78-87-5	1,2-Dichloropropane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
78-93-3	2-Butanone	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
591-78-6	2-Hexanone	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
67-64-1	Acetone	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
71-43-2	Benzene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-27-4	Bromodichloromethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-25-2	Bromoform	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
74-83-9	Bromomethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-15-0	Carbon Disulfide	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
56-23-5	Carbon Tetrachloride	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
108-90-7	Chlorobenzene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
124-48-1	Dibromochloromethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-00-3	Chloroethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
67-66-3	Chloroform	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
74-87-3	Chloromethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
100-41-4	Ethylbenzene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-09-2	Methylene Chloride	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
100-42-5	Styrene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
127-18-4	Tetrachloroethene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
108-88-3	Toluene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
79-01-6	Trichloroethene	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-01-4	Vinyl Chloride	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
1330-20-7	Xylenes (total)	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ

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		Sample Code	FSF-ECO-02-PD		FSF-ECO-02-ST		FSF-ECO-06-ST		FSF-ECO-10-PDA		FSF-ECO-10-PDB	
		Sample Date	11/7/2001		11/6/2001		11/6/2001		11/7/2001		11/7/2001	
Cas Rn	Chemical Name	Unit \\ Location	Inga'sPond		SW-02		SW-06		I-90 Pond		I-90 Pond	
SW8270C-1	**SemiVolatile Organics - Page 1**											
120-82-1	1,2,4-Trichlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
51-28-5	2,4-Dinitrophenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
91-58-7	2-Chloronaphthalene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
95-57-8	2-Chlorophenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
91-57-6	2-Methylnaphthalene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
95-48-7	2-Methylphenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
88-74-4	2-Nitroaniline	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
88-75-5	2-Nitrophenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
91-94-1	3,3'-Dichlorobenzidine	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
99-09-2	3-Nitrooaniline	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
106-47-8	p-Chloroaniline	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
106-44-5	4-Methylphenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
100-01-6	P-Nitroaniline	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
100-02-7	4-Nitrophenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
83-32-9	Acenaphthene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
208-96-8	Acenaphthylene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
120-12-7	Anthracene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
56-55-3	Benzo(a)anthracene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
50-32-8	Benzo(a)pyrene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSF-ECO-02-PD 11/7/2001 Inga'sPond		FSF-ECO-02-ST 11/6/2001 SW-02		FSF-ECO-06-ST 11/6/2001 SW-06		FSF-ECO-10-PDA 11/7/2001 I-90 Pond		FSF-ECO-10-PDB 11/7/2001 I-90 Pond	
SW8270C-2	**SemiVolatile Organics - Page 2**											
111-44-4	bis(2-Chloroethyl)ether	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
85-68-7	Benzyl butyl phthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
86-74-8	Carbazole	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
218-01-9	Chrysene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
84-74-2	Di-n-butylphthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
117-84-0	Di-n-octylphthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
132-64-9	Dibenzofuran	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
84-66-2	Diethyl phthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
131-11-3	Dimethyl phthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
206-44-0	Fluoranthene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
86-73-7	Fluorene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
118-74-1	Hexachlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
67-72-1	Hexachloroethene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
78-59-1	Isophorone	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
91-20-3	Naphthalene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
98-95-3	Nitrobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
87-86-5	Pentachlorophenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
85-01-8	Phenanthrene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
108-95-2	Phenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
129-00-0	Pyrene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSF-ECO-02-PD 11/7/2001 Inga'sPond		FSF-ECO-02-ST 11/6/2001 SW-02		FSF-ECO-06-ST 11/6/2001 SW-06		FSF-ECO-10-PDA 11/7/2001 I-90 Pond		FSF-ECO-10-PDB 11/7/2001 I-90 Pond	
Pest-fish	**Pesticide Organics**											
72-54-8	4,4'-DDD	ug/kg	7.5	J	5	UJ	5	UJ	5	UJ	5	UJ
72-55-9	4,4'-DDE	ug/kg	5	UJ	5	UJ	5	UJ	6.4	J	7.7	J
50-29-3	4,4'-DDT	ug/kg	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
309-00-2	Aldrin	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
319-84-6	alpha-BHC	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
5103-71-9	alpha-Chlordane	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
319-85-7	beta-BHC	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
319-86-8	delta-BHC	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
60-57-1	Dieldrin	ug/kg	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
959-98-8	Endosulfan I	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
33213-65-9	Endosulfan II	ug/kg	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
1031-07-8	Endosulfan Sulfate	ug/kg	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
72-20-8	Endrin	ug/kg	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
7421-93-4	Endrin Aldehyde	ug/kg	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
53494-70-5	Endrin Ketone	ug/kg	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
58-89-9	gamma-BHC (Lindane)	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
5566-34-7	gamma-Chlordane	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.8	J	2.5	UJ
76-44-8	Heptachlor	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
1024-57-3	Heptachlor Epoxide	ug/kg	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
72-43-5	Methoxychlor	ug/kg	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
8001-35-2	Toxphene	ug/kg	250	UJ	250	UJ	250	UJ	250	UJ	250	UJ
PCBs-fish	**PCBs**											
12674-11-2	Aroclor-1016	ug/kg	50	UJ	50	UJ	50	UJ	50	UJ	50	UJ
11104-28-2	Aroclor-1221	ug/kg	50	UJ	50	UJ	50	UJ	50	UJ	50	UJ
11141-16-5	Aroclor-1232	ug/kg	50	UJ	50	UJ	50	UJ	50	UJ	50	UJ
53469-21-9	Aroclor-1242	ug/kg	50	UJ	50	UJ	50	UJ	50	UJ	50	UJ
12672-29-6	Aroclor-1248	ug/kg	50	UJ	50	UJ	50	UJ	50	UJ	78	J
11097-69-1	Aroclor-1254	ug/kg	50	UJ	78		88	J	91	J	130	J
11096-82-5	Aroclor-1260	ug/kg	50	UJ	60		100	J	99	J	180	J

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSF-ECO-02-PD 11/7/2001 Inga'sPond		FSF-ECO-02-ST 11/6/2001 SW-02		FSF-ECO-06-ST 11/6/2001 SW-06		FSF-ECO-10-PDA 11/7/2001 I-90 Pond		FSF-ECO-10-PDB 11/7/2001 I-90 Pond	
Inorg-fish	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	19	U	18	U	19	U	19	U	19	U
7440-36-0	Antimony	mg/kg	0.97	U	0.9	U	0.94	U	0.94	U	0.93	U
7440-38-2	Arsenic	mg/kg	0.97	U	0.9	U	0.94	U	0.94	U	0.93	U
7440-39-3	Barium	mg/kg	2.5		1.4		1.7		1.3		1.2	
7440-41-7	Beryllium	mg/kg	0.097	U	0.09	U	0.094	U	0.094	U	0.094	
7440-43-9	Cadmium	mg/kg	0.097	U	0.09	U	0.094	U	0.094	U	0.093	U
7440-70-2	Calcium	mg/kg	12000		7100		12000		11000	J	12000	
7440-47-3	Chromium	mg/kg	0.29	U	0.27	U	0.28	U	0.28	U	0.28	U
7440-48-4	Cobalt	mg/kg	0.49	U	0.45	U	0.47	U	0.47	U	0.47	U
7440-50-8	Copper	mg/kg	1.4		1.5	J	2.1		0.94	U	1	
7439-89-6	Iron	mg/kg	63		49		38		27		46	
7439-92-1	Lead	mg/kg	0.49	U	0.45	U	0.47	U	0.47	U	0.47	U
7439-95-4	Magnesium	mg/kg	350		280		350		340		360	
7439-96-5	Manganese	mg/kg	4.6		14		18		5.4		6.7	
7439-97-6	Mercury	mg/kg	0.033	U	0.05		0.13		0.036		0.038	
7440-02-0	Nickel	mg/kg	0.49	U	0.45	U	0.5		0.47	U	0.67	
7440-09-7	Potassium	mg/kg	2300		2400		2100		2300	N	2200	
7782-49-2	Selenium	mg/kg	0.97	U	0.9	U	0.94	U	0.94	U	0.93	U
7440-22-4	Silver	mg/kg	0.43	U	0.45	U	0.45	U	0.47	U	0.44	U
7440-23-5	Sodium	mg/kg	970		760		880		790		1000	
7440-28-0	Thallium	mg/kg	0.97	U	0.9	U	0.94	U	0.94	U	0.93	U
7440-62-2	Vanadium	mg/kg	0.49	U	0.45	U	0.47	U	0.47	U	0.47	U
7440-66-6	Zinc	mg/kg	59		17		19		20		18	
Lipid-fish	**Fish Lipids**											
LIPID	Lipids	%	2.71		1.68		1.58		3.97		3.36	

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-02-PDA 11/7/2001 Inga'sPond		FSS-HHR-02-PDB 11/7/2001 Inga'sPond		FSS-HHR-02-ST 11/6/2001 SW-02		FSS-HHR-06-ST 11/6/2001 SW-06		FSS-HHR-10-PDA 11/7/2001 I-90 Pond	
SW8260B	**Volatile Organics**											
71-55-6	1,1,1-Trichloroethane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-34-3	1,1-Dichloroethane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-35-4	1,1-Dichloroethene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
107-06-2	1,2-Dichloroethane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
540-59-0	1,2-Dichloroethene, total	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
78-87-5	1,2-Dichloropropane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
78-93-3	2-Butanone	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
591-78-6	2-Hexanone	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
67-64-1	Acetone	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
71-43-2	Benzene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-27-4	Bromodichloromethane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-25-2	Bromoform	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
74-83-9	Bromomethane	ug/kg	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-15-0	Carbon Disulfide	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
56-23-5	Carbon Tetrachloride	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
108-90-7	Chlorobenzene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
124-48-1	Dibromochloromethane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-00-3	Chloroethane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
67-66-3	Chloroform	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
74-87-3	Chloromethane	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
100-41-4	Ethylbenzene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-09-2	Methylene Chloride	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
100-42-5	Styrene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
127-18-4	Tetrachloroethene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
108-88-3	Toluene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
79-01-6	Trichloroethene	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-01-4	Vinyl Chloride	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
1330-20-7	Xylenes (total)	ug/kg	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ

303728

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-02-PDA 11/7/2001 Inga'sPond		FSS-HHR-02-PDB 11/7/2001 Inga'sPond		FSS-HHR-02-ST 11/6/2001 SW-02		FSS-HHR-06-ST 11/6/2001 SW-06		FSS-HHR-10-PDA 11/7/2001 I-90 Pond	
SW8270C-1	**SemiVolatile Organics - Page 1**											
120-82-1	1,2,4-Trichlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
51-28-5	2,4-Dinitrophenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
91-58-7	2-Chloronaphthalene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
95-57-8	2-Chlorophenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
91-57-6	2-Methylnaphthalene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
95-48-7	2-Methylphenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
88-74-4	2-Nitroaniline	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
88-75-5	2-Nitrophenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
99-09-2	3-Nitrooaniline	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
106-47-8	p-Chloroaniline	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
106-44-5	4-Methylphenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
100-01-6	P-Nitroaniline	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
100-02-7	4-Nitrophenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
83-32-9	Acenaphthene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
208-96-8	Acenaphthylene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
120-12-7	Anthracene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
56-55-3	Benzo(a)anthracene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
50-32-8	Benzo(a)pyrene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-02-PDA 11/7/2001 Inga'sPond		FSS-HHR-02-PDB 11/7/2001 Inga'sPond		FSS-HHR-02-ST 11/6/2001 SW-02		FSS-HHR-06-ST 11/6/2001 SW-06		FSS-HHR-10-PDA 11/7/2001 I-90 Pond	
SW8270C-2	**SemiVolatile Organics - Page 2**											
111-44-4	bis(2-Chloroethyl)ether	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
85-68-7	Benzyl butyl phthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
86-74-8	Carbazole	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
218-01-9	Chrysene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
84-74-2	Di-n-butylphthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
117-84-0	Di-n-octylphthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
132-64-9	Dibenzofuran	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
84-66-2	Diethyl phthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
131-11-3	Dimethyl phthalate	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
206-44-0	Fluoranthene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
86-73-7	Fluorene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
118-74-1	Hexachlorobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
67-72-1	Hexachloroethene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
78-59-1	Isophorone	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
91-20-3	Naphthalene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
98-95-3	Nitrobenzene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
87-86-5	Pentachlorophenol	ug/kg	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
85-01-8	Phenanthrene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
108-95-2	Phenol	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
129-00-0	Pyrene	ug/kg	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-02-PDA 11/7/2001 Inga'sPond		FSS-HHR-02-PDB 11/7/2001 Inga'sPond		FSS-HHR-02-ST 11/6/2001 SW-02		FSS-HHR-06-ST 11/6/2001 SW-06		FSS-HHR-10-PDA 11/7/2001 I-90 Pond	
Pest-fish	**Pesticide Organics**											
72-54-8	4,4'-DDD	ug/kg	12	UJ	5.1	J	5	UJ	5	UJ	5	UJ
72-55-9	4,4'-DDE	ug/kg	18	J	9.7	J	5	UJ	5	UJ	5	UJ
50-29-3	4,4'-DDT	ug/kg	12	UJ	5	UJ	5	UJ	5	UJ	5	UJ
309-00-2	Aldrin	ug/kg	6.4	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
319-84-6	alpha-BHC	ug/kg	6.2	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
5103-71-9	alpha-Chlordane	ug/kg	11	J	2.5	UJ	2.5	UJ	2.5	UJ	11	J
319-85-7	beta-BHC	ug/kg	6.2	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
319-86-8	delta-BHC	ug/kg	6.2	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
60-57-1	Dieldrin	ug/kg	12	UJ	5	UJ	5	UJ	5	UJ	5	UJ
959-98-8	Endosulfan I	ug/kg	6.2	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
33213-65-9	Endosulfan II	ug/kg	12	UJ	5	UJ	5	UJ	5	UJ	5	UJ
1031-07-8	Endosulfan Sulfate	ug/kg	12	UJ	5	UJ	5	UJ	5	UJ	5	UJ
72-20-8	Endrin	ug/kg	12	UJ	5	UJ	5	UJ	5	UJ	5	UJ
7421-93-4	Endrin Aldehyde	ug/kg	12	UJ	5	UJ	5	UJ	5	UJ	5	UJ
53494-70-5	Endrin Ketone	ug/kg	12	UJ	5	UJ	5	UJ	5	UJ	5	UJ
58-89-9	gamma-BHC (Lindane)	ug/kg	6.2	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
5566-34-7	gamma-Chlordane	ug/kg	6.2	UJ	2.5	UJ	2.5	UJ	2.5	UJ	5.7	J
76-44-8	Heptachlor	ug/kg	6.4	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
1024-57-3	Heptachlor Epoxide	ug/kg	6.4	UJ	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
72-43-5	Methoxychlor	ug/kg	62	UJ	25	UJ	25	UJ	25	UJ	25	UJ
8001-35-2	Toxphene	ug/kg	630	UJ	250	UJ	250	UJ	250	UJ	250	UJ
PCBs-fish	**PCBs**											
12674-11-2	Aroclor-1016	ug/kg	130	UJ	50	UJ	50	UJ	50	UJ	50	UJ
11104-28-2	Aroclor-1221	ug/kg	130	UJ	50	UJ	50	UJ	50	UJ	50	UJ
11141-16-5	Aroclor-1232	ug/kg	130	UJ	50	UJ	50	UJ	50	UJ	50	UJ
53469-21-9	Aroclor-1242	ug/kg	130	UJ	50	UJ	50	UJ	50	UJ	50	UJ
12672-29-6	Aroclor-1248	ug/kg	130	UJ	50	UJ	50	UJ	50	UJ	64	J
11097-69-1	Aroclor-1254	ug/kg	130	UJ	58	J	80	J	77	J	86	J
11096-82-5	Aroclor-1260	ug/kg	180	J	50	UJ	50	UJ	84	J	98	J

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-02-PDA 11/7/2001 Inga'sPond		FSS-HHR-02-PDB 11/7/2001 Inga'sPond		FSS-HHR-02-ST 11/6/2001 SW-02		FSS-HHR-06-ST 11/6/2001 SW-06		FSS-HHR-10-PDA 11/7/2001 I-90 Pond	
Inorg-fish	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	18	U	19	U	18	U	19	U	17	U
7440-36-0	Antimony	mg/kg	0.9	U	0.96	U	0.91	U	0.94	U	0.86	U
7440-38-2	Arsenic	mg/kg	0.9	U	0.96	U	0.91	U	0.94	U	0.86	U
7440-39-3	Barium	mg/kg	1.7		1.4		0.9		0.94		1.4	
7440-41-7	Beryllium	mg/kg	0.09	U	0.096	U	0.091	U	0.094	U	0.086	U
7440-43-9	Cadmium	mg/kg	0.09	U	0.096	U	0.091	U	0.094	U	0.086	U
7440-70-2	Calcium	mg/kg	11000		8800		9300	J	6100		7000	
7440-47-3	Chromium	mg/kg	0.27	U	0.29		0.27	U	0.28	U	0.26	U
7440-48-4	Cobalt	mg/kg	0.45	U	0.48	U	0.45	U	0.47	U	0.43	U
7440-50-8	Copper	mg/kg	1.9		2.5		1.1		3.4		0.92	
7439-89-6	Iron	mg/kg	70		30		21		33		56	
7439-92-1	Lead	mg/kg	0.45	U	0.48	U	0.45	U	0.47	U	0.43	U
7439-95-4	Magnesium	mg/kg	330		300		320		310		270	
7439-96-5	Manganese	mg/kg	6		6.2		13		7.4		3.9	
7439-97-6	Mercury	mg/kg	0.054		0.06		0.045		0.22		0.033	U
7440-02-0	Nickel	mg/kg	0.45	U	0.48	U	0.45	U	0.68		0.43	U
7440-09-7	Potassium	mg/kg	2100		2200		2500		2100		2200	
7782-49-2	Selenium	mg/kg	0.9	U	0.96	U	0.91	U	0.94	U	0.86	U
7440-22-4	Silver	mg/kg	0.43	U	0.43	U	0.48	U	0.45	U	0.49	U
7440-23-5	Sodium	mg/kg	950		950		750		580		760	
7440-28-0	Thallium	mg/kg	0.9	U	0.96	U	0.91	U	0.94	U	0.86	U
7440-62-2	Vanadium	mg/kg	0.45	U	0.48	U	0.45	U	0.47	U	0.43	U
7440-66-6	Zinc	mg/kg	16		67		15		14		36	
Lipid-fish	**Fish Lipids**											
LIPID	Lipids	%	1.92		2.51		2.06		1.04		3.61	

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-10-PDB 11/7/2001 I-90 Pond	
SW8260B	**Volatile Organics**			
71-55-6	1,1,1-Trichloroethane	ug/kg	2500	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	2500	UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	2500	UJ
75-34-3	1,1-Dichloroethane	ug/kg	2500	UJ
75-35-4	1,1-Dichloroethene	ug/kg	2500	UJ
107-06-2	1,2-Dichloroethane	ug/kg	2500	UJ
540-59-0	1,2-Dichloroethene, total	ug/kg	2500	UJ
78-87-5	1,2-Dichloropropane	ug/kg	2500	UJ
78-93-3	2-Butanone	ug/kg	2500	UJ
591-78-6	2-Hexanone	ug/kg	2500	UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	2500	UJ
67-64-1	Acetone	ug/kg	2500	UJ
71-43-2	Benzene	ug/kg	2500	UJ
75-27-4	Bromodichloromethane	ug/kg	2500	UJ
75-25-2	Bromoform	ug/kg	2500	UJ
74-83-9	Bromomethane	ug/kg	2500	UJ
75-15-0	Carbon Disulfide	ug/kg	2500	UJ
56-23-5	Carbon Tetrachloride	ug/kg	2500	UJ
108-90-7	Chlorobenzene	ug/kg	2500	UJ
124-48-1	Dibromochloromethane	ug/kg	2500	UJ
75-00-3	Chloroethane	ug/kg	2500	UJ
67-66-3	Chloroform	ug/kg	2500	UJ
74-87-3	Chloromethane	ug/kg	2500	UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	2500	UJ
100-41-4	Ethylbenzene	ug/kg	2500	UJ
75-09-2	Methylene Chloride	ug/kg	2500	UJ
100-42-5	Styrene	ug/kg	2500	UJ
127-18-4	Tetrachloroethene	ug/kg	2500	UJ
108-88-3	Toluene	ug/kg	2500	UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	2500	UJ
79-01-6	Trichloroethene	ug/kg	2500	UJ
75-01-4	Vinyl Chloride	ug/kg	2500	UJ
1330-20-7	Xylenes (total)	ug/kg	2500	UJ

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-10-PDB / 11/7/2001 / I-90 Pond	
SW8270C-1	**SemiVolatile Organics - Page 1**			
120-82-1	1,2,4-Trichlorobenzene	ug/kg	670	UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	670	UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	670	UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	670	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	670	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	1700	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	670	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	670	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	670	UNJ
51-28-5	2,4-Dinitrophenol	ug/kg	1700	UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	670	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	670	UJ
91-58-7	2-Chloronaphthalene	ug/kg	670	UNJ
95-57-8	2-Chlorophenol	ug/kg	670	UJ
91-57-6	2-Methylnaphthalene	ug/kg	670	UJ
95-48-7	2-Methylphenol	ug/kg	670	UJ
88-74-4	2-Nitroaniline	ug/kg	1700	UJ
88-75-5	2-Nitrophenol	ug/kg	670	UJ
91-94-1	3,3'-Dichlorobenzidine	ug/kg	670	UNJ
99-09-2	3-Nitrooaniline	ug/kg	1700	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1700	UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	670	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	670	UJ
106-47-8	p-Chloroaniline	ug/kg	670	UNJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	670	UJ
106-44-5	4-Methylphenol	ug/kg	670	UJ
100-01-6	P-Nitroaniline	ug/kg	1700	UJ
100-02-7	4-Nitrophenol	ug/kg	1700	UJ
83-32-9	Acenaphthene	ug/kg	670	UJ
208-96-8	Acenaphthylene	ug/kg	670	UJ
120-12-7	Anthracene	ug/kg	670	UJ
56-55-3	Benzo(a)anthracene	ug/kg	670	UJ
50-32-8	Benzo(a)pyrene	ug/kg	670	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	670	UNJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	670	UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	670	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	670	UJ

303734

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-10-PDB 11/7/2001 I-90 Pond	
SW8270C-2	**SemiVolatile Organics - Page 2**			
111-44-4	bis(2-Chloroethyl)ether	ug/kg	670	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	670	UJ
85-68-7	Benzyl butyl phthalate	ug/kg	670	UJ
86-74-8	Carbazole	ug/kg	670	UJ
218-01-9	Chrysene	ug/kg	670	UJ
84-74-2	Di-n-butylphthalate	ug/kg	670	UJ
117-84-0	Di-n-octylphthalate	ug/kg	670	UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	670	UJ
132-64-9	Dibenzofuran	ug/kg	670	UJ
84-66-2	Diethyl phthalate	ug/kg	670	UJ
131-11-3	Dimethyl phthalate	ug/kg	670	UJ
206-44-0	Fluoranthene	ug/kg	670	UJ
86-73-7	Fluorene	ug/kg	670	UJ
118-74-1	Hexachlorobenzene	ug/kg	670	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	670	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	670	UJ
67-72-1	Hexachloroethene	ug/kg	670	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	670	UJ
78-59-1	Isophorone	ug/kg	670	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	670	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	670	UJ
91-20-3	Naphthalene	ug/kg	670	UJ
98-95-3	Nitrobenzene	ug/kg	670	UJ
87-86-5	Pentachlorophenol	ug/kg	1700	UJ
85-01-8	Phenanthrene	ug/kg	670	UJ
108-95-2	Phenol	ug/kg	670	UJ
129-00-0	Pyrene	ug/kg	670	UJ

303735

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-10-PDB 11/7/2001 I-90 Pond	
Pest-fish	**Pesticide Organics**			
72-54-8	4,4'-DDD	ug/kg	5	U
72-55-9	4,4'-DDE	ug/kg	15	
50-29-3	4,4'-DDT	ug/kg	5	U
309-00-2	Aldrin	ug/kg	2.5	U
319-84-6	alpha-BHC	ug/kg	2.5	U
5103-71-9	alpha-Chlordane	ug/kg	9	P
319-85-7	beta-BHC	ug/kg	2.5	U
319-86-8	delta-BHC	ug/kg	2.5	U
60-57-1	Dieldrin	ug/kg	5	U
959-98-8	Endosulfan I	ug/kg	2.5	U
33213-65-9	Endosulfan II	ug/kg	5	U
1031-07-8	Endosulfan Sulfate	ug/kg	5	U
72-20-8	Endrin	ug/kg	5	U
7421-93-4	Endrin Aldehyde	ug/kg	5	U
53494-70-5	Endrin Ketone	ug/kg	5	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.5	U
5566-34-7	gamma-Chlordane	ug/kg	4	
76-44-8	Heptachlor	ug/kg	2.5	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.5	U
72-43-5	Methoxychlor	ug/kg	25	U
8001-35-2	Toxphene	ug/kg	250	U
PCBs-fish	**PCBs**			
12674-11-2	Aroclor-1016	ug/kg	50	UJ
11104-28-2	Aroclor-1221	ug/kg	50	UJ
11141-16-5	Aroclor-1232	ug/kg	50	UJ
53469-21-9	Aroclor-1242	ug/kg	50	UJ
12672-29-6	Aroclor-1248	ug/kg	50	UJ
11097-69-1	Aroclor-1254	ug/kg	120	J
11096-82-5	Aroclor-1260	ug/kg	410	J

303736

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	FSS-HHR-10-PDB 11/7/2001 I-90 Pond	
Inorg-fish	**Inorganic Analytes**			
7429-90-5	Aluminum	mg/kg	18	U
7440-36-0	Antimony	mg/kg	0.88	U
7440-38-2	Arsenic	mg/kg	0.88	U
7440-39-3	Barium	mg/kg	0.68	
7440-41-7	Beryllium	mg/kg	0.088	U
7440-43-9	Cadmium	mg/kg	0.088	U
7440-70-2	Calcium	mg/kg	8800	
7440-47-3	Chromium	mg/kg	0.27	U
7440-48-4	Cobalt	mg/kg	0.44	U
7440-50-8	Copper	mg/kg	2.7	
7439-89-6	Iron	mg/kg	27	
7439-92-1	Lead	mg/kg	0.44	U
7439-95-4	Magnesium	mg/kg	280	
7439-96-5	Manganese	mg/kg	2.5	
7439-97-6	Mercury	mg/kg	0.11	
7440-02-0	Nickel	mg/kg	0.44	U
7440-09-7	Potassium	mg/kg	2200	
7782-49-2	Selenium	mg/kg	0.88	U
7440-22-4	Silver	mg/kg	0.44	U
7440-23-5	Sodium	mg/kg	890	
7440-28-0	Thallium	mg/kg	0.88	U
7440-62-2	Vanadium	mg/kg	0.44	U
7440-66-6	Zinc	mg/kg	15	
Lipid-fish	**Fish Lipids**			
LIPID	Lipids	%	4.62	

303737

Table 6

Surface Soil Sample Results

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01		SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02		SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03		SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04		SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	11	U	11	U	12	U	12	U	11	U
74-87-3	Chloromethane	ug/kg	11	U	3	J	12	U	12	U	11	U
75-01-4	Vinyl Chloride	ug/kg	11	UJ	11	UJ	12	UJ	12	UJ	11	UJ
74-83-9	Bromomethane	ug/kg	11	U	11	U	2	J	12	U	11	U
75-00-3	Chloroethane	ug/kg	11	UJ	11	UJ	12	UJ	12	UJ	11	UJ
75-69-4	Trichlorofluoromethane	ug/kg	2	J	11	U	12	U	12	U	11	U
75-35-4	1,1-Dichloroethene	ug/kg	11	U	11	U	12	U	12	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	U	11	U	12	U	12	U	11	U
67-64-1	Acetone	ug/kg	59	UJ	60	UJ	74	UJ	130	UJ	98	UJ
75-15-0	Carbon Disulfide	ug/kg	11	U	11	U	1	J	12	U	11	U
79-20-9	Methyl Acetate	ug/kg	11	UJ	11	UJ	12	UJ	12	UJ	11	UJ
75-09-2	Methylene Chloride	ug/kg	11	U	11	U	12	U	12	U	11	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	U	11	U	12	U	12	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	U	11	U	12	U	12	U	11	U
75-34-3	1,1-Dichloroethane	ug/kg	11	U	11	U	12	U	12	U	11	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	U	11	U	12	U	12	U	11	U
78-93-3	2-Butanone	ug/kg	11	U	5	J	3	J	7	J	6	J
67-66-3	Chloroform	ug/kg	11	U	11	U	12	U	12	U	11	U
71-55-6	1,1,1-Trichloroethane	ug/kg	11	U	11	U	12	U	12	U	11	U
110-82-7	Cyclohexane	ug/kg	11	U	11	U	12	U	12	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	11	U	11	U	12	U	12	U	11	U
71-43-2	Benzene	ug/kg	11	U	11	U	12	U	12	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	11	U	11	U	12	U	12	U	11	U
79-01-6	Trichloroethene	ug/kg	11	U	11	U	12	U	12	U	11	U
108-87-2	Methylcyclohexane	ug/kg	11	U	11	U	12	U	12	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	11	U	11	U	12	U	12	U	11	U
75-27-4	Bromodichloromethane	ug/kg	11	U	11	U	12	U	12	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	U	11	U	12	U	12	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	11	U	11	U	12	U	12	U	11	U

303739

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01		SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02		SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03		SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04		SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04	
108-88-3	Toluene	ug/kg	11	U	11	U	12	U	12	U	11	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	U	11	U	12	U	12	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	11	U	11	U	12	U	12	U	11	U
127-18-4	Tetrachloroethene	ug/kg	11	U	11	U	12	U	12	U	11	U
591-78-6	2-Hexanone	ug/kg	11	U	11	U	12	U	12	U	11	U
124-48-1	Dibromochloromethane	ug/kg	11	U	11	U	12	U	12	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	11	U	11	U	12	U	12	U	11	U
108-90-7	Chlorobenzene	ug/kg	11	U	11	U	12	U	12	U	11	U
100-41-4	Ethylbenzene	ug/kg	11	U	11	U	12	U	12	U	11	U
1330-20-7	Xylenes (total)	ug/kg	11	U	11	U	12	U	12	U	11	U
100-42-5	Styrene	ug/kg	11	U	11	U	12	U	12	U	11	U
75-25-2	Bromoform	ug/kg	11	U	11	U	12	U	12	U	11	U
98-82-8	Isopropylbenzene	ug/kg	11	U	11	U	12	U	12	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	U	11	U	12	U	12	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	11	U	11	U	12	U	12	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	11	U	11	U	12	U	12	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	11	U	11	U	12	U	12	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	U	11	U	12	U	12	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	U	11	U	12	U	12	U	11	U

303740

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01		SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02		SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03		SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04		SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	380	UJ	360	U	350	U	11000	U	380	UJ
108-95-2	Phenol	ug/kg	380	U	360	U	25	J	1400	J	35	J
111-44-4	bis(2-Chloroethyl)ether	ug/kg	380	U	360	U	350	U	11000	U	380	U
95-57-8	2-Chlorophenol	ug/kg	380	U	360	U	350	U	11000	U	380	U
95-48-7	2-Methylphenol	ug/kg	380	U	360	U	350	U	11000	U	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	380	U	360	U	350	U	11000	U	380	U
98-86-2	Acetophenone	ug/kg	380	U	360	U	350	U	11000	U	380	U
106-44-5	4-Methylphenol	ug/kg	380	U	360	U	350	U	11000	U	380	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	380	U	360	U	350	U	11000	U	380	U
67-72-1	Hexachloroethene	ug/kg	380	U	360	U	350	U	11000	U	380	U
98-95-3	Nitrobenzene	ug/kg	380	U	360	U	350	U	11000	U	380	U
78-59-1	Isophorone	ug/kg	380	U	360	U	350	U	11000	U	380	U
88-75-5	2-Nitrophenol	ug/kg	380	U	360	U	350	U	11000	U	380	U
105-67-9	2,4-Dimethylphenol	ug/kg	380	U	360	U	350	U	11000	U	380	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	380	U	360	U	350	U	11000	U	380	U
120-83-2	2,4-Dichlorophenol	ug/kg	380	U	360	U	350	U	11000	U	380	U
91-20-3	Naphthalene	ug/kg	380	U	360	U	350	U	11000	U	380	U
106-47-8	p-Chloroaniline	ug/kg	380	U	360	U	350	U	11000	U	380	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	380	U	360	U	350	U	11000	U	380	U
105-60-2	Caprolactam	ug/kg	380	U	360	U	350	U	11000	U	380	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	380	U	360	U	350	U	11000	U	380	U
91-57-6	2-Methylnaphthalene	ug/kg	380	U	20	J	350	U	11000	U	380	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	380	UJ	360	UJ	350	UJ	11000	UJ	380	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	380	U	360	U	350	U	11000	U	380	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	950	U	900	U	870	U	29000	U	950	U
92-52-4	1,1'-Biphenyl	ug/kg	380	U	360	U	350	U	11000	U	380	U
91-58-7	2-Chloronaphthalene	ug/kg	380	U	360	U	350	U	11000	U	380	U
88-74-4	2-Nitroaniline	ug/kg	950	U	900	U	870	U	29000	U	950	U
131-11-3	Dimethyl phthalate	ug/kg	380	U	360	U	350	U	11000	U	380	U
606-20-2	2,6-Dinitrotoluene	ug/kg	380	U	360	U	350	U	11000	U	380	U
208-96-8	Acenaphthylene	ug/kg	380	U	360	U	350	U	11000	U	380	U
99-09-2	3-Nitrooaniline	ug/kg	950	U	900	U	870	U	29000	U	950	U
83-32-9	Acenaphthene	ug/kg	380	U	360	U	350	U	11000	U	380	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01		SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02		SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03		SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04		SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	0	R	900	UJ	870	UJ	29000	UJ	950	UJ
100-02-7	4-Nitrophenol	ug/kg	950	U	900	U	870	U	29000	U	950	U
132-64-9	Dibenzofuran	ug/kg	380	U	360	U	350	U	11000	U	380	U
121-14-2	2,4-Dinitrotoluene	ug/kg	380	U	360	U	350	U	11000	U	380	U
84-66-2	Diethyl phthalate	ug/kg	380	U	360	U	350	U	11000	U	380	U
86-73-7	Fluorene	ug/kg	380	U	360	U	350	U	11000	U	380	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	380	U	360	U	350	U	11000	U	380	U
100-01-6	P-Nitroaniline	ug/kg	950	U	900	U	870	U	29000	U	950	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	950	UJ	900	UJ	870	UJ	29000	UJ	950	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	380	U	360	U	350	U	11000	U	380	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	380	U	360	U	350	U	11000	U	380	U
118-74-1	Hexachlorobenzene	ug/kg	380	U	360	U	350	U	11000	U	380	U
1912-24-9	Atrazine	ug/kg	380	U	360	U	350	U	11000	U	380	U
87-86-5	Pentachlorophenol	ug/kg	950	UJ	900	UJ	870	UJ	29000	UJ	950	UJ
85-01-8	Phenanthrene	ug/kg	38	J	21	J	11	J	900	J	16	J
120-12-7	Anthracene	ug/kg	380	U	360	U	350	U	11000	U	380	U
86-74-8	Carbazole	ug/kg	380	U	360	U	350	U	11000	U	380	U
84-74-2	Di-n-butylphthalate	ug/kg	380	U	360	U	350	U	11000	U	380	U
206-44-0	Fluoranthene	ug/kg	50	J	25	J	20	J	2000	J	29	J
129-00-0	Pyrene	ug/kg	43	J	23	J	18	J	1700	J	23	J
85-68-7	Benzyl butyl phthalate	ug/kg	380	U	360	U	350	U	780	J	380	U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	380	U	360	U	350	U	11000	U	380	U
56-55-3	Benzo(a)anthracene	ug/kg	380	U	13	J	350	U	760	J	13	J
218-01-9	Chrysene	ug/kg	29	J	21	J	13	J	1200	J	22	J
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	1200	U	360	U	350	U	5000	J	440	
117-84-0	Di-n-octylphthalate	ug/kg	380	UJ	360	U	350	U	11000	U	380	U
205-99-2	Benzo(b)fluoranthene	ug/kg	24	J	18	J	350	U	1200	J	19	J
207-08-9	Benzo(k)fluoranthene	ug/kg	19	J	17	J	350	U	1200	J	380	U
50-32-8	Benzo(a)pyrene	ug/kg	19	J	13	J	10	J	970	J	12	J
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	380	U	9	J	350	U	670	J	14	J
53-70-3	Dibenzo(a,h)anthracene	ug/kg	380	UJ	360	U	350	U	11000	U	380	UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	380	UJ	360	UJ	350	UJ	11000	UJ	380	UJ

303742

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01		SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02		SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03		SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04		SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
319-85-7	beta-BHC	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
319-86-8	delta-BHC	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
76-44-8	Heptachlor	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
309-00-2	Aldrin	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
1024-57-3	Heptachlor Epoxide	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
959-98-8	Endosulfan I	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
60-57-1	Dieldrin	ug/kg	3.8	U	3.6	U	3.5	U	3.8	U	3.8	U
72-55-9	4,4'-DDE	ug/kg	3.8	U	10		3.5	U	3.8	U	3.8	U
72-20-8	Endrin	ug/kg	3.8	U	3.6	U	3.5	U	3.8	U	3.8	U
33213-65-9	Endosulfan II	ug/kg	3.8	U	3.6	U	3.5	U	3.8	U	3.8	U
72-54-8	4,4'-DDD	ug/kg	3.8	U	3.6	U	3.5	U	3.8	U	3.8	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.8	U	3.6	U	3.5	U	3.8	U	3.8	U
50-29-3	4,4'-DDT	ug/kg	3.8	U	11		3.5	U	3.8	U	3.8	U
72-43-5	Methoxychlor	ug/kg	20	U	19	U	18	U	20	U	20	U
53494-70-5	Endrin Ketone	ug/kg	3.8	U	3.6	U	3.5	U	3.8	U	3.8	U
7421-93-4	Endrin Aldehyde	ug/kg	3.8	U	3.6	U	3.5	U	3.8	U	3.8	U
5103-71-9	alpha-Chlordane	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
5103-74-2	gamma-Chlordane	ug/kg	2	U	1.9	U	1.8	U	2	U	2	U
8001-35-2	Toxphene	ug/kg	200	U	190	U	180	U	200	U	200	U
12674-11-2	Aroclor-1016	ug/kg	38	U	36	U	35	U	38	U	38	U
11104-28-2	Aroclor-1221	ug/kg	77	U	73	U	71	U	77	U	77	U
11141-16-5	Aroclor-1232	ug/kg	38	U	36	U	35	U	38	U	38	U
53469-21-9	Aroclor-1242	ug/kg	38	U	36	U	35	U	38	U	38	U
12672-29-6	Aroclor-1248	ug/kg	38	U	36	U	35	U	38	U	38	U
11097-69-1	Aroclor-1254	ug/kg	38	U	36	U	35	U	38	U	38	U
11096-82-5	Aroclor-1260	ug/kg	38	U	36	U	35	U	38	U	38	U

303743

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01		SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02		SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03		SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04		SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	6660		7560		5270		5360		6270	
7440-36-0	Antimony	mg/kg	0.72	BJ	1	BJ	0.74	BJ	0.66	UJ	0.67	UJ
7440-38-2	Arsenic	mg/kg	5.9		4.9		2.6		2.4		2.9	
7440-39-3	Barium	mg/kg	32.6	B	27.9	B	15.7	B	25.8	B	35.4	B
7440-41-7	Beryllium	mg/kg	0.48	B	0.44	B	0.4	B	0.35	B	0.4	B
7440-43-9	Cadmium	mg/kg	0.22	U	0.22	U	0.21	U	0.22	U	0.22	U
7440-70-2	Calcium	mg/kg	1240		1430		1500		1600		1720	
7440-47-3	Chromium	mg/kg	8.3		8.5		5.9		6.8		7.3	
7440-48-4	Cobalt	mg/kg	5	B	5.2	B	3.6	B	3.6	B	3.7	B
7440-50-8	Copper	mg/kg	14.7		17.3		44.9		25.5		34.5	
7439-89-6	Iron	mg/kg	16800		16200		11000		11600		11900	
7439-92-1	Lead	mg/kg	19.8		17.1		34.7		32.9		28.4	
7439-95-4	Magnesium	mg/kg	1640		1910		1440		1440		1400	
7439-96-5	Manganese	mg/kg	366	J	368	J	218	J	311	J	409	J
7439-97-6	Mercury	mg/kg	0.31		0.36		0.42		0.92		0.38	
7440-02-0	Nickel	mg/kg	8.9		9.8		7.1	B	7.7	B	8	B
7440-09-7	Potassium	mg/kg	534	B	753	B	653	B	615	B	554	B
7782-49-2	Selenium	mg/kg	0.67	U	0.65	U	0.62	U	0.66	U	0.67	U
7440-22-4	Silver	mg/kg	0.22	U	0.22	U	0.21	U	0.22	U	0.22	U
7440-23-5	Sodium	mg/kg	339	BJ	362	BJ	323	BJ	335	BJ	406	BJ
7440-28-0	Thallium	mg/kg	1.8	B	1.2	B	0.83	U	1	B	1	B
7440-62-2	Vanadium	mg/kg	15.1		16.8		14		14.7		13.4	
7440-66-6	Zinc	mg/kg	45.6		44		60.8		55		54.8	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	2200	J	960	UL	740	UL	1200	J	930	UL
GIS-110-012	Total Organic Carbon	mg/kg	14200	J	24600	J	6360	J	18800	J	14000	J
12408-02-5	pH	S.U.	5.24		6.42		7		6.37		6.67	
Grain-90	**Grain - 6 members**											
105	<105	%	30.4		35		12.4		21.4		18.6	
105-425	105-425	%	54.8		56		80.8		73.9		74.1	
425 - 500	425 - 500	%	2.37		1.85		2.25		1.26		1.89	
500 - 850	500 - 850	%	5.63		3.85		2.4		1.74		2.58	
850 - 2380	850 - 2380	%	5.09		2.81		1.84		1.47		1.9	
2380	>2380	%	1.71		0.4		0.25		0.16		0.92	

303744

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05		SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05		SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06		SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06		SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	13	U	11	U	12	U	11	U	13	U
74-87-3	Chloromethane	ug/kg	13	U	11	U	12	U	11	U	13	U
75-01-4	Vinyl Chloride	ug/kg	13	UJ	11	UJ	12	UJ	11	UJ	13	UJ
74-83-9	Bromomethane	ug/kg	13	U	11	U	12	U	11	U	13	U
75-00-3	Chloroethane	ug/kg	13	UJ	11	UJ	12	UJ	11	UJ	13	UJ
75-69-4	Trichlorofluoromethane	ug/kg	13	U	11	U	12	U	11	U	13	U
75-35-4	1,1-Dichloroethene	ug/kg	13	U	11	U	12	U	11	U	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	13	U	11	U	12	U	11	U	13	U
67-64-1	Acetone	ug/kg	130	UJ	90	UJ	130	UJ	54	UJ	160	UJ
75-15-0	Carbon Disulfide	ug/kg	13	U	11	U	12	U	11	U	13	U
79-20-9	Methyl Acetate	ug/kg	13	UJ	11	UJ	12	UJ	11	UJ	13	UJ
75-09-2	Methylene Chloride	ug/kg	13	U	11	U	12	U	11	U	13	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	13	U	11	U	12	U	11	U	13	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	13	U	11	U	12	U	11	U	13	U
75-34-3	1,1-Dichloroethane	ug/kg	13	U	11	U	12	U	11	U	13	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	13	U	11	U	12	U	11	U	13	U
78-93-3	2-Butanone	ug/kg	8	J	6	J	12	U	11	U	9	J
67-66-3	Chloroform	ug/kg	13	U	11	U	12	U	11	U	13	U
71-55-6	1,1,1-Trichloroethane	ug/kg	13	U	11	U	12	U	11	U	13	U
110-82-7	Cyclohexane	ug/kg	13	U	11	U	12	U	11	U	13	U
56-23-5	Carbon Tetrachloride	ug/kg	13	U	11	U	12	U	11	U	13	U
71-43-2	Benzene	ug/kg	13	U	11	U	12	U	11	U	13	U
107-06-2	1,2-Dichloroethane	ug/kg	13	U	11	U	12	U	11	U	13	U
79-01-6	Trichloroethene	ug/kg	13	U	11	U	12	U	11	U	13	U
108-87-2	Methylcyclohexane	ug/kg	13	U	11	U	12	U	11	U	13	U
78-87-5	1,2-Dichloropropane	ug/kg	13	U	11	U	12	U	11	U	13	U
75-27-4	Bromodichloromethane	ug/kg	13	U	11	U	12	U	11	U	13	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	13	U	11	U	12	U	11	U	13	U
108-10-1	4-Methyl-2-pentanone	ug/kg	3	J	2	J	9	J	11	U	13	U

303745

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05		SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05		SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06		SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06		SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07	
108-88-3	Toluene	ug/kg	13	U	11	U	12	U	11	U	13	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	13	U	11	U	12	U	11	U	13	U
79-00-5	1,1,2-Trichloroethane	ug/kg	13	U	11	U	12	U	11	U	13	U
127-18-4	Tetrachloroethene	ug/kg	13	U	11	U	12	U	11	U	13	U
591-78-6	2-Hexanone	ug/kg	13	U	11	U	12	U	11	U	13	U
124-48-1	Dibromochloromethane	ug/kg	13	U	11	U	12	U	11	U	13	U
106-93-4	1,2-Dibromoethane	ug/kg	13	U	11	U	12	U	11	U	13	U
108-90-7	Chlorobenzene	ug/kg	13	U	11	U	12	U	11	U	13	U
100-41-4	Ethylbenzene	ug/kg	13	U	11	U	12	U	11	U	13	U
1330-20-7	Xylenes (total)	ug/kg	13	U	11	U	12	U	11	U	13	U
100-42-5	Styrene	ug/kg	13	U	11	U	12	U	11	U	13	U
75-25-2	Bromoform	ug/kg	13	U	11	U	12	U	11	U	13	U
98-82-8	Isopropylbenzene	ug/kg	13	U	11	U	12	U	11	U	13	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	13	U	11	U	12	U	11	U	13	U
541-73-1	1,3-Dichlorobenzene	ug/kg	13	U	11	U	12	U	11	U	13	U
106-46-7	1,4-Dichlorobenzene	ug/kg	13	U	11	U	12	U	11	U	13	U
95-50-1	1,2-Dichlorobenzene	ug/kg	13	U	11	U	12	U	11	U	13	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	13	U	11	U	12	U	11	U	13	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	13	U	11	U	12	U	11	U	13	U

303746

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05		SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05		SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06		SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06		SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	390	UJ	360	UJ	51	J	360	UJ	360	UJ
108-95-2	Phenol	ug/kg	390	U	86	J	18	J	360	U	33	J
111-44-4	bis(2-Chloroethyl)ether	ug/kg	390	U	360	U	380	U	360	U	360	U
95-57-8	2-Chlorophenol	ug/kg	390	U	360	U	380	U	360	U	360	U
95-48-7	2-Methylphenol	ug/kg	390	U	360	U	380	U	360	U	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	390	U	360	U	380	U	360	U	360	U
98-86-2	Acetophenone	ug/kg	390	U	330	J	380	U	360	U	360	U
106-44-5	4-Methylphenol	ug/kg	390	U	360	U	380	U	360	U	360	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	390	U	360	U	380	U	360	U	360	U
67-72-1	Hexachloroethene	ug/kg	390	U	360	U	380	U	360	U	360	U
98-95-3	Nitrobenzene	ug/kg	390	U	360	U	380	U	360	U	360	U
78-59-1	Isophorone	ug/kg	390	U	360	U	380	U	360	U	360	U
88-75-5	2-Nitrophenol	ug/kg	390	U	360	U	380	U	360	U	360	U
105-67-9	2,4-Dimethylphenol	ug/kg	390	U	360	U	380	U	360	U	360	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	390	U	360	U	380	U	360	U	360	U
120-83-2	2,4-Dichlorophenol	ug/kg	390	U	360	U	380	U	360	U	360	U
91-20-3	Naphthalene	ug/kg	390	U	360	U	380	U	360	U	360	U
106-47-8	p-Chloroaniline	ug/kg	390	U	360	U	380	U	360	U	360	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	390	U	360	U	380	U	360	U	360	U
105-60-2	Caprolactam	ug/kg	390	U	360	U	29	J	360	U	21	J
59-50-7	4-Chloro-3-methylphenol	ug/kg	390	U	360	U	380	U	360	U	360	U
91-57-6	2-Methylnaphthalene	ug/kg	390	U	12	J	380	U	360	U	360	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	390	UJ	360	UJ	380	UJ	360	UJ	360	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	390	U	360	U	380	U	360	U	360	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	980	U	910	U	940	U	900	U	900	U
92-52-4	1,1'-Biphenyl	ug/kg	390	U	360	U	380	U	360	U	360	U
91-58-7	2-Chloronaphthalene	ug/kg	390	U	360	U	380	U	360	U	360	U
88-74-4	2-Nitroaniline	ug/kg	980	U	910	U	940	U	900	U	900	U
131-11-3	Dimethyl phthalate	ug/kg	390	U	360	U	380	U	360	U	360	U
606-20-2	2,6-Dinitrotoluene	ug/kg	390	U	360	U	380	U	360	U	360	U
208-96-8	Acenaphthylene	ug/kg	390	U	360	U	380	U	360	U	360	U
99-09-2	3-Nitrooaniline	ug/kg	980	U	910	U	940	U	900	U	900	U
83-32-9	Acenaphthene	ug/kg	390	U	360	U	380	U	360	U	360	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05		SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05		SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06		SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06		SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	980	UJ	910	UJ	940	UJ	900	UJ	900	UJ
100-02-7	4-Nitrophenol	ug/kg	980	U	910	U	940	U	900	U	900	U
132-64-9	Dibenzofuran	ug/kg	390	U	360	U	380	U	360	U	360	U
121-14-2	2,4-Dinitrotoluene	ug/kg	390	U	360	U	380	U	360	U	360	U
84-66-2	Diethyl phthalate	ug/kg	390	U	360	U	14	J	360	U	360	U
86-73-7	Fluorene	ug/kg	390	U	360	U	380	U	360	U	360	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	390	U	360	U	380	U	360	U	360	U
100-01-6	P-Nitroaniline	ug/kg	980	U	910	U	940	U	900	U	900	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	980	UJ	910	UJ	940	UJ	900	UJ	900	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	390	U	360	U	380	U	360	U	360	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	390	U	360	U	380	U	360	U	360	U
118-74-1	Hexachlorobenzene	ug/kg	390	U	360	U	380	U	360	U	360	U
1912-24-9	Atrazine	ug/kg	390	U	360	U	380	U	360	U	360	U
87-86-5	Pentachlorophenol	ug/kg	980	UJ	910	UJ	940	U	900	UJ	900	UJ
85-01-8	Phenanthrene	ug/kg	37	J	17	J	39	J	13	J	48	J
120-12-7	Anthracene	ug/kg	390	U	360	U	380	U	360	U	10	J
86-74-8	Carbazole	ug/kg	390	U	360	U	380	U	360	U	360	U
84-74-2	Di-n-butylphthalate	ug/kg	390	U	360	U	25	J	360	U	360	U
206-44-0	Fluoranthene	ug/kg	83	J	29	J	81	J	29	J	110	J
129-00-0	Pyrene	ug/kg	64	J	25	J	67	J	24	J	60	J
85-68-7	Benzyl butyl phthalate	ug/kg	22	J	360	U	55	J	14	J	50	J
91-94-1	3,3`-Dichlorobenzidine	ug/kg	390	U	360	U	380	U	360	U	360	U
56-55-3	Benzo(a)anthracene	ug/kg	31	J	13	J	33	J	14	J	44	J
218-01-9	Chrysene	ug/kg	48	J	19	J	51	J	18	J	65	J
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	360	J	300	J	260	J	360	U	170	J
117-84-0	Di-n-octylphthalate	ug/kg	390	U	360	U	17	J	360	U	360	U
205-99-2	Benzo(b)fluoranthene	ug/kg	44	J	17	J	48	J	20	J	61	J
207-08-9	Benzo(k)fluoranthene	ug/kg	40	J	360	U	42	J	360	U	55	J
50-32-8	Benzo(a)pyrene	ug/kg	37	J	14	J	36	J	14	J	21	J
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	29	J	360	UJ	30	J	360	UJ	23	J
53-70-3	Dibenzo(a,h)anthracene	ug/kg	390	UJ	360	UJ	380	U	360	UJ	19	J
191-24-2	Benzo(g,h,i)perylene	ug/kg	390	UJ	360	UJ	380	U	360	UJ	360	UJ

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05		SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05		SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06		SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06		SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2	U	1.9	U	1.9	U	1.8	U	1.9	U
319-85-7	beta-BHC	ug/kg	2	U	1.9	U	1.9	U	1.8	U	1.9	U
319-86-8	delta-BHC	ug/kg	2	U	1.9	U	1.9	U	1.8	U	1.9	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2	U	1.9	U	1.9	U	1.8	U	1.9	U
76-44-8	Heptachlor	ug/kg	2	U	1.9	U	1.9	U	1.8	U	1.9	U
309-00-2	Aldrin	ug/kg	2	U	1.9	U	1.9	U	1.8	U	1.9	U
1024-57-3	Heptachlor Epoxide	ug/kg	2	U	1.9	U	1.9	U	1.8	U	1.9	U
959-98-8	Endosulfan I	ug/kg	2	U	1.9	U	1.9	U	1.8	U	1.9	U
60-57-1	Dieldrin	ug/kg	3.9	U	3.6	U	3.8	U	3.6	U	3.6	U
72-55-9	4,4'-DDE	ug/kg	3.9	U	3.6	U	3.8	U	3.6	U	3.6	U
72-20-8	Endrin	ug/kg	3.9	U	3.6	U	3.8	U	3.6	U	3.6	U
33213-65-9	Endosulfan II	ug/kg	3.9	U	3.6	U	3.8	U	3.6	U	3.6	U
72-54-8	4,4'-DDD	ug/kg	3.9	U	3.6	U	3.8	U	3.6	U	3.6	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.9	U	3.6	U	3.8	U	3.6	U	3.6	U
50-29-3	4,4'-DDT	ug/kg	3.9	U	3.6	U	3.8	U	3.6	U	3.6	U
72-43-5	Methoxychlor	ug/kg	20	U	19	U	19	U	18	U	19	U
53494-70-5	Endrin Ketone	ug/kg	3.9	U	3.6	U	3.8	U	3.6	U	3.6	U
7421-93-4	Endrin Aldehyde	ug/kg	3.9	U	3.6	U	3.8	U	3.6	U	3.6	U
5103-71-9	alpha-Chlordane	ug/kg	2	U	1.9	U	1.9	U	1.8	U	1.9	U
5103-74-2	gamma-Chlordane	ug/kg	2	U	1.9	U	3.5		1.8	U	1.9	U
8001-35-2	Toxphene	ug/kg	200	U	190	U	190	U	180	U	190	U
12674-11-2	Aroclor-1016	ug/kg	39	U	36	U	38	U	36	U	36	U
11104-28-2	Aroclor-1221	ug/kg	79	U	74	U	76	U	73	U	73	U
11141-16-5	Aroclor-1232	ug/kg	39	U	36	U	38	U	36	U	36	U
53469-21-9	Aroclor-1242	ug/kg	39	U	36	U	38	U	36	U	36	U
12672-29-6	Aroclor-1248	ug/kg	39	U	36	U	38	U	36	U	36	U
11097-69-1	Aroclor-1254	ug/kg	39	U	36	U	38	U	36	U	36	U
11096-82-5	Aroclor-1260	ug/kg	39	U	36	U	38	U	36	U	36	U

303749

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05		SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05		SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06		SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06		SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	7090		7170		4080		4460		4410	
7440-36-0	Antimony	mg/kg	0.78	BJ	1	BJ	0.66	BJ	0.64	UJ	0.72	BJ
7440-38-2	Arsenic	mg/kg	4.1		5.1		1.9	B	2.4		2.1	B
7440-39-3	Barium	mg/kg	26.8	B	27.2	B	15.8	B	15.7	B	20.4	B
7440-41-7	Beryllium	mg/kg	0.43	B	0.39	B	0.31	B	0.32	B	0.31	B
7440-43-9	Cadmium	mg/kg	0.22	U	0.21	U	0.22	U	0.21	U	0.21	U
7440-70-2	Calcium	mg/kg	1660		1450		1720		1270		3470	
7440-47-3	Chromium	mg/kg	8.6		8.4		5.1		5.5		5.5	
7440-48-4	Cobalt	mg/kg	5.3	B	5.4	B	3.2	B	5	B	3.2	B
7440-50-8	Copper	mg/kg	16.4		17.2		12.1		15.5		24	
7439-89-6	Iron	mg/kg	15400		16000		9630		10800		10300	
7439-92-1	Lead	mg/kg	22.7		18.2		12.6		17.2		36.7	
7439-95-4	Magnesium	mg/kg	2110		2090		1500		1600		1490	
7439-96-5	Manganese	mg/kg	374	J	379	J	204	J	213	J	255	J
7439-97-6	Mercury	mg/kg	0.93		0.47		0.42		0.24		1.3	
7440-02-0	Nickel	mg/kg	10.6		10.5		6.5	B	6.9	B	7.2	B
7440-09-7	Potassium	mg/kg	1100	B	740	B	586	B	567	B	690	B
7782-49-2	Selenium	mg/kg	0.67	U	0.64	U	0.66	U	0.64	U	0.64	U
7440-22-4	Silver	mg/kg	0.22	U	0.21	U	0.22	U	0.21	U	0.27	B
7440-23-5	Sodium	mg/kg	393	BJ	388	BJ	395	BJ	375	BJ	352	BJ
7440-28-0	Thallium	mg/kg	0.89	U	1.3	B	0.88	U	1.3	B	1.3	B
7440-62-2	Vanadium	mg/kg	17.8		16.5		10.3	B	11.8		13.2	
7440-66-6	Zinc	mg/kg	52.7		52.1		48.6		37.2		70.4	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	1500	J	1100	J	1000	UL	480	UL	2100	UL
GIS-110-012	Total Organic Carbon	mg/kg	19900	J	27400	J	12900	J	3820	J	28200	J
12408-02-5	pH	S.U.	6.5		6.24		6.23		6.56		6.65	
Grain-90	**Grain - 6 members**											
105	<105	%	19.9		38.9		15.6		14.6		12.6	
105-425	105-425	%	71.6		53		76.5		81		81.7	
425 - 500	425 - 500	%	2.42		1.7		1.44		1.51		1.29	
500 - 850	500 - 850	%	3.67		3.49		2.64		1.52		2.64	
850 - 2380	850 - 2380	%	2.09		2.81		2.75		0.89		1.52	
2380	>2380	%	0.32		0.13		1.18		0.53		0.33	

303750

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07		SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08	
VOA-s	**Volatile Organics**									
75-71-8	Dichlorodifluoromethane	ug/kg	11	U	11	U	12	U	11	U
74-87-3	Chloromethane	ug/kg	11	U	11	U	12	U	11	U
75-01-4	Vinyl Chloride	ug/kg	11	UJ	11	UJ	12	UJ	11	UJ
74-83-9	Bromomethane	ug/kg	2	J	11	U	12	U	11	U
75-00-3	Chloroethane	ug/kg	11	UJ	11	UJ	12	UJ	11	UJ
75-69-4	Trichlorofluoromethane	ug/kg	11	U	6	J	2	J	11	U
75-35-4	1,1-Dichloroethene	ug/kg	11	U	11	U	12	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	U	11	U	12	U	11	U
67-64-1	Acetone	ug/kg	60	UJ	110	UJ	130	UJ	87	UJ
75-15-0	Carbon Disulfide	ug/kg	4	J	11	U	12	U	11	U
79-20-9	Methyl Acetate	ug/kg	11	UJ	11	UJ	12	UJ	11	UJ
75-09-2	Methylene Chloride	ug/kg	11	U	11	U	12	U	11	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	U	11	U	12	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	U	11	U	12	U	11	U
75-34-3	1,1-Dichloroethane	ug/kg	11	U	11	U	12	U	11	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	U	11	U	12	U	11	U
78-93-3	2-Butanone	ug/kg	11	U	8	J	7	J	6	J
67-66-3	Chloroform	ug/kg	11	U	11	U	12	U	11	U
71-55-6	1,1,1-Trichloroethane	ug/kg	11	U	11	U	12	U	11	U
110-82-7	Cyclohexane	ug/kg	11	U	11	U	12	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	11	U	11	U	12	U	11	U
71-43-2	Benzene	ug/kg	11	U	11	U	12	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	11	U	11	U	12	U	11	U
79-01-6	Trichloroethene	ug/kg	11	U	11	U	12	U	11	U
108-87-2	Methylcyclohexane	ug/kg	11	U	11	U	12	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	11	U	11	U	12	U	11	U
75-27-4	Bromodichloromethane	ug/kg	11	U	11	U	12	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	U	11	U	12	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	11	U	11	U	12	U	11	U

303751

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07		SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08	
108-88-3	Toluene	ug/kg	11	U	11	U	12	U	11	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	U	11	U	12	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	11	U	11	U	12	U	11	U
127-18-4	Tetrachloroethene	ug/kg	11	U	11	U	12	U	11	U
591-78-6	2-Hexanone	ug/kg	11	U	11	U	12	U	11	U
124-48-1	Dibromochloromethane	ug/kg	11	U	11	U	12	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	11	U	11	U	12	U	11	U
108-90-7	Chlorobenzene	ug/kg	11	U	11	U	12	U	11	U
100-41-4	Ethylbenzene	ug/kg	11	U	11	U	12	U	11	U
1330-20-7	Xylenes (total)	ug/kg	11	U	11	U	12	U	11	U
100-42-5	Styrene	ug/kg	11	U	11	U	12	U	11	U
75-25-2	Bromoform	ug/kg	11	U	11	U	12	U	11	U
98-82-8	Isopropylbenzene	ug/kg	11	U	11	U	12	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	U	11	U	12	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	11	U	11	U	12	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	11	U	11	U	12	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	11	U	11	U	12	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	U	11	U	12	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	U	11	U	12	U	11	U

303752

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07		SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08	
SV-1-s	**SemiVolatile Organics - Page 1**									
100-52-7	Benzaldehyde	ug/kg	350	UJ	390	UJ	390	UJ	380	UJ
108-95-2	Phenol	ug/kg	20	J	390	U	390	U	380	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	350	U	390	U	390	U	380	U
95-57-8	2-Chlorophenol	ug/kg	350	U	390	U	390	U	380	U
95-48-7	2-Methylphenol	ug/kg	350	U	390	U	390	U	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	350	U	390	U	390	U	380	U
98-86-2	Acetophenone	ug/kg	350	U	390	U	390	U	380	U
106-44-5	4-Methylphenol	ug/kg	350	U	390	U	390	U	380	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	350	U	390	U	390	U	380	U
67-72-1	Hexachloroethene	ug/kg	350	U	390	U	390	U	380	U
98-95-3	Nitrobenzene	ug/kg	350	U	390	U	390	U	380	U
78-59-1	Isophorone	ug/kg	350	U	390	U	390	U	380	U
88-75-5	2-Nitrophenol	ug/kg	350	U	390	U	390	U	380	U
105-67-9	2,4-Dimethylphenol	ug/kg	350	U	390	U	390	U	380	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	350	U	390	U	390	U	380	U
120-83-2	2,4-Dichlorophenol	ug/kg	350	U	390	U	390	U	380	U
91-20-3	Naphthalene	ug/kg	350	U	390	U	390	U	380	U
106-47-8	p-Chloroaniline	ug/kg	350	U	390	U	390	U	380	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	350	U	390	U	390	U	380	U
105-60-2	Caprolactam	ug/kg	350	U	390	U	390	U	380	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	350	U	390	U	390	U	380	U
91-57-6	2-Methylnaphthalene	ug/kg	350	U	390	U	390	U	380	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	350	UJ	390	UJ	390	UJ	380	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	350	U	390	U	390	U	380	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	880	U	980	U	980	U	970	U
92-52-4	1,1'-Biphenyl	ug/kg	350	U	390	U	390	U	380	U
91-58-7	2-Chloronaphthalene	ug/kg	350	U	390	U	390	U	380	U
88-74-4	2-Nitroaniline	ug/kg	880	U	980	U	980	U	970	U
131-11-3	Dimethyl phthalate	ug/kg	12	J	390	U	390	U	380	U
606-20-2	2,6-Dinitrotoluene	ug/kg	350	U	390	U	390	U	380	U
208-96-8	Acenaphthylene	ug/kg	350	U	390	U	390	U	380	U
99-09-2	3-Nitrooaniline	ug/kg	880	U	980	U	980	U	970	U
83-32-9	Acenaphthene	ug/kg	350	U	390	U	390	U	380	U

303753

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07		SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08	
SV-2-s	**SemiVolatile Organics - Page 2**									
51-28-5	2,4-Dinitrophenol	ug/kg	880	UJ	0	R	0	R	0	R
100-02-7	4-Nitrophenol	ug/kg	880	U	980	U	980	U	970	U
132-64-9	Dibenzofuran	ug/kg	350	U	390	U	390	U	380	U
121-14-2	2,4-Dinitrotoluene	ug/kg	350	U	390	U	390	U	380	U
84-66-2	Diethyl phthalate	ug/kg	610		390	U	390	U	380	U
86-73-7	Fluorene	ug/kg	350	U	390	U	390	U	380	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	350	U	390	U	390	U	380	U
100-01-6	P-Nitroaniline	ug/kg	880	U	980	U	980	U	970	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	880	UJ	980	UJ	980	UJ	970	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	350	U	390	U	390	U	380	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	350	U	390	U	390	U	380	U
118-74-1	Hexachlorobenzene	ug/kg	350	U	390	U	390	U	380	U
1912-24-9	Atrazine	ug/kg	350	U	390	U	390	U	380	U
87-86-5	Pentachlorophenol	ug/kg	880	UJ	980	UJ	980	UJ	970	UJ
85-01-8	Phenanthrene	ug/kg	13	J	23	J	13	J	26	J
120-12-7	Anthracene	ug/kg	350	U	390	U	390	U	380	U
86-74-8	Carbazole	ug/kg	350	U	390	U	390	U	380	U
84-74-2	Di-n-butylphthalate	ug/kg	350	U	390	U	390	U	380	U
206-44-0	Fluoranthene	ug/kg	27	J	48	J	29	J	52	J
129-00-0	Pyrene	ug/kg	24	J	36	J	22	J	39	J
85-68-7	Benzyl butyl phthalate	ug/kg	12	J	390	U	390	U	380	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	350	U	390	U	390	U	380	U>
56-55-3	Benzo(a)anthracene	ug/kg	350	U	20	J	390	U	380	U
218-01-9	Chrysene	ug/kg	18	J	30	J	18	J	24	J
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	1500		390	U	390	U	1600	U
117-84-0	Di-n-octylphthalate	ug/kg	350	U	390	U	390	U	380	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	17	J	24	J	15	J	23	J
207-08-9	Benzo(k)fluoranthene	ug/kg	350	U	22	J	390	U	21	J
50-32-8	Benzo(a)pyrene	ug/kg	13	J	19	J	390	U	19	J
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	350	UJ	390	U	390	U	380	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	350	UJ	390	UJ	390	UJ	380	UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	350	UJ	390	UJ	390	UJ	380	UJ

303754

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07		SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08	
P/PCBs-s	**Pesticides/PCB Organics**									
319-84-6	alpha-BHC	ug/kg	1.8	U	2	U	2	U	2	U
319-85-7	beta-BHC	ug/kg	1.8	U	5.1		2	U	6.2	J
319-86-8	delta-BHC	ug/kg	1.8	U	2	U	2	U	2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.8	U	2	U	2	U	2	U
76-44-8	Heptachlor	ug/kg	1.8	U	2	U	2	U	2	U
309-00-2	Aldrin	ug/kg	1.8	U	2	U	2	U	2	U
1024-57-3	Heptachlor Epoxide	ug/kg	1.8	U	2	U	2	U	2	U
959-98-8	Endosulfan I	ug/kg	1.8	U	2	U	2	U	2	U
60-57-1	Dieldrin	ug/kg	3.5	U	3.9	U	3.9	U	3.8	U
72-55-9	4,4'-DDE	ug/kg	3.5	U	3.9	U	3.9	U	3.8	U
72-20-8	Endrin	ug/kg	3.5	U	3.9	U	3.9	U	3.8	U
33213-65-9	Endosulfan II	ug/kg	3.5	U	3.9	U	3.9	U	3.8	U
72-54-8	4,4'-DDD	ug/kg	3.5	U	3	J	3.9	U	4	J
1031-07-8	Endosulfan Sulfate	ug/kg	3.5	U	3.9	U	3.9	U	3.8	U
50-29-3	4,4'-DDT	ug/kg	3.5	U	3.9	U	3.9	U	3.8	U
72-43-5	Methoxychlor	ug/kg	18	U	20	U	20	U	20	U
53494-70-5	Endrin Ketone	ug/kg	3.5	U	3.9	U	3.9	U	3.8	U
7421-93-4	Endrin Aldehyde	ug/kg	3.5	U	3.9	U	3.9	U	3.8	U
5103-71-9	alpha-Chlordane	ug/kg	1.8	U	2	U	2	U	2	U
5103-74-2	gamma-Chlordane	ug/kg	1.8	U	2.3	J	0	R	2	U
8001-35-2	Toxphene	ug/kg	180	U	200	U	200	U	200	U
12674-11-2	Aroclor-1016	ug/kg	35	U	39	U	39	U	38	U
11104-28-2	Aroclor-1221	ug/kg	71	U	79	U	79	U	78	U
11141-16-5	Aroclor-1232	ug/kg	35	U	39	U	39	U	38	U
53469-21-9	Aroclor-1242	ug/kg	35	U	39	U	39	U	38	U
12672-29-6	Aroclor-1248	ug/kg	35	U	39	U	39	U	38	U
11097-69-1	Aroclor-1254	ug/kg	35	U	39	U	39	U	38	U
11096-82-5	Aroclor-1260	ug/kg	35	U	39	U	39	U	38	U

303755

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07		SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08		SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08	
Inorg-s	**Inorganic Analytes**									
7429-90-5	Aluminum	mg/kg	5490		7450		7030		7550	
7440-36-0	Antimony	mg/kg	1.2	BJ	1	BJ	0.69	UJ	0.75	BJ
7440-38-2	Arsenic	mg/kg	2.7		6.9		6.5		5.9	
7440-39-3	Barium	mg/kg	19.2	B	38	B	35	B	34.8	B
7440-41-7	Beryllium	mg/kg	0.38	B	0.55	B	0.5	B	0.55	B
7440-43-9	Cadmium	mg/kg	0.21	U	0.24	U	0.23	U	0.23	U
7440-70-2	Calcium	mg/kg	1500		1440		1300		1130	B
7440-47-3	Chromium	mg/kg	6.5		9.7		9		9.5	
7440-48-4	Cobalt	mg/kg	3.6	B	5.4	B	5.1	B	5.1	B
7440-50-8	Copper	mg/kg	98.5		17.1		15.8		17.3	
7439-89-6	Iron	mg/kg	11700		17900		16900		18000	
7439-92-1	Lead	mg/kg	86.1		28.5		26.2		24.8	
7439-95-4	Magnesium	mg/kg	1600		1830		1670		1750	
7439-96-5	Manganese	mg/kg	233	J	442	J	405	J	381	J
7439-97-6	Mercury	mg/kg	0.81		0.65		0.74		0.65	
7440-02-0	Nickel	mg/kg	8.7		9.8		9.1	B	10	
7440-09-7	Potassium	mg/kg	716	B	819	B	771	B	765	B
7782-49-2	Selenium	mg/kg	0.62	U	0.71	U	0.69	U	0.69	U
7440-22-4	Silver	mg/kg	0.21	U	0.24	U	0.23	U	0.23	U
7440-23-5	Sodium	mg/kg	385	BJ	391	BJ	362	BJ	379	BJ
7440-28-0	Thallium	mg/kg	1.3	B	1.9	B	1.5	B	1.9	B
7440-62-2	Vanadium	mg/kg	14		18.3		17.3		17.7	
7440-66-6	Zinc	mg/kg	128		50.3		47.2		49.2	
Add-I	**Additional Parameters**									
7440-23-5	Sodium	MEQ/kg	1000	UJ	1800	UL	2100	UL	2100	UL
GIS-110-012	Total Organic Carbon	mg/kg	6700	J	16500	J	17600	J	18100	J
12408-02-5	pH	S.U.	6.74		5.08		5.06		4.77	
Grain-90	**Grain - 6 members**									
105	<105	%	14.1		28.8		27.5		33.6	
105-425	105-425	%	83.1		56.3		57.2		55.9	
425 - 500	425 - 500	%	0.82		2.77		2.65		2.33	
500 - 850	500 - 850	%	1.1		6.27		5.26		4.07	
850 - 2380	850 - 2380	%	0.61		4.55		5.47		3.78	
2380	>2380	%	0.26		1.25		1.91		0.41	

303756

Table 7

Shallow Subsurface Soil Sample Results

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01		SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01		SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	12	UJ	11	UJ	11	UJ	11	UJ	11	UJ
74-87-3	Chloromethane	ug/kg	12	UJ	11	UJ	11	UJ	11	U	11	UJ
75-01-4	Vinyl Chloride	ug/kg	12	U	11	U	11	U	11	U	11	U
74-83-9	Bromomethane	ug/kg	12	U	11	U	11	U	11	U	11	U
75-00-3	Chloroethane	ug/kg	12	U	11	U	11	U	11	U	11	U
75-69-4	Trichlorofluoromethane	ug/kg	12	U	11	U	11	U	11	U	11	U
75-35-4	1,1-Dichloroethene	ug/kg	12	U	11	U	11	U	11	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	2	J	3	J	11	U	11	U	3	J
67-64-1	Acetone	ug/kg	12	UJ	11	UJ	11	UJ	11	U	11	UJ
75-15-0	Carbon Disulfide	ug/kg	12	U	11	U	11	U	11	U	11	U
79-20-9	Methyl Acetate	ug/kg	12	UJ	11	UJ	11	UJ	11	UJ	11	UJ
75-09-2	Methylene Chloride	ug/kg	12	U	11	U	11	U	5	J	11	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	12	U	11	U	11	U	11	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	12	U	11	U	11	U	11	U	11	U
75-34-3	1,1-Dichloroethane	ug/kg	12	U	11	U	11	U	11	U	11	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	12	U	11	U	11	U	11	U	11	U
78-93-3	2-Butanone	ug/kg	12	UJ	11	UJ	11	UJ	11	U	11	UJ
67-66-3	Chloroform	ug/kg	12	U	11	U	11	U	11	U	11	U
71-55-6	1,1,1-Trichloroethane	ug/kg	12	U	11	U	11	U	11	U	11	U
110-82-7	Cyclohexane	ug/kg	12	U	11	U	11	U	11	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	12	U	11	U	11	U	11	U	11	U
71-43-2	Benzene	ug/kg	12	U	11	U	11	U	11	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	12	U	11	U	11	U	11	U	11	U
79-01-6	Trichloroethene	ug/kg	12	U	11	U	11	U	11	U	11	U
108-87-2	Methylcyclohexane	ug/kg	12	U	11	U	11	U	11	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	12	U	11	U	11	U	11	U	11	U
75-27-4	Bromodichloromethane	ug/kg	12	U	11	U	11	U	11	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	12	U	11	U	11	U	11	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	12	U	11	U	11	U	11	U	11	U

303758

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01		SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01		SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02	
108-88-3	Toluene	ug/kg	12	U	11	U	11	U	11	U	11	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	12	U	11	U	11	U	11	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	12	U	11	U	11	U	11	U	11	U
127-18-4	Tetrachloroethene	ug/kg	12	U	11	U	11	U	11	U	11	U
591-78-6	2-Hexanone	ug/kg	12	U	11	U	11	U	11	U	11	U
124-48-1	Dibromochloromethane	ug/kg	12	U	11	U	11	U	11	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	12	U	11	U	11	U	11	U	11	U
108-90-7	Chlorobenzene	ug/kg	12	U	11	U	11	U	11	U	11	U
100-41-4	Ethylbenzene	ug/kg	12	U	11	U	11	U	11	U	11	U
1330-20-7	Xylenes (total)	ug/kg	12	U	11	U	11	U	11	U	11	U
100-42-5	Styrene	ug/kg	12	U	11	U	11	U	11	U	11	U
75-25-2	Bromoform	ug/kg	12	U	11	U	11	U	11	U	11	U
98-82-8	Isopropylbenzene	ug/kg	12	U	11	U	11	U	11	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	12	U	11	U	11	U	11	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	12	U	11	U	11	U	11	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	12	U	11	U	11	U	11	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	12	U	11	U	11	U	11	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	12	U	11	U	11	U	11	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	12	U	11	U	11	U	11	U	11	U

303759

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01		SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01		SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	350	U	350	UJ	350	U	350	U	380	U
108-95-2	Phenol	ug/kg	350	U	350	UJ	350	U	350	U	380	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	350	U	350	UJ	350	U	350	U	380	U
95-57-8	2-Chlorophenol	ug/kg	350	U	350	UJ	350	U	350	U	380	U
95-48-7	2-Methylphenol	ug/kg	350	U	350	UJ	350	U	350	U	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	350	U	350	UJ	350	U	350	U	380	U
98-86-2	Acetophenone	ug/kg	350	U	350	UJ	350	U	350	U	380	U
106-44-5	4-Methylphenol	ug/kg	350	U	350	UJ	350	U	350	U	380	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	350	U	350	UJ	350	U	350	U	380	U
67-72-1	Hexachloroethene	ug/kg	350	U	350	UJ	350	U	350	U	380	U
98-95-3	Nitrobenzene	ug/kg	350	U	350	UJ	350	U	350	U	380	U
78-59-1	Isophorone	ug/kg	350	U	350	UJ	350	U	350	U	380	U
88-75-5	2-Nitrophenol	ug/kg	350	U	350	UJ	350	U	350	U	380	U
105-67-9	2,4-Dimethylphenol	ug/kg	350	U	350	UJ	350	U	350	U	380	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	350	U	350	UJ	350	U	350	U	380	U
120-83-2	2,4-Dichlorophenol	ug/kg	350	U	350	UJ	350	U	350	U	380	U
91-20-3	Naphthalene	ug/kg	350	U	350	UJ	350	U	200	J	380	U
106-47-8	p-Chloroaniline	ug/kg	350	UJ	350	UJ	350	UJ	350	UJ	380	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	350	U	350	UJ	350	U	350	U	380	U
105-60-2	Caprolactam	ug/kg	350	U	350	UJ	350	U	350	U	380	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	350	U	350	UJ	350	U	350	U	380	U
91-57-6	2-Methylnaphthalene	ug/kg	350	U	350	UJ	350	U	120	J	380	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	350	U	350	UJ	350	U	350	U	380	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	350	U	350	UJ	350	U	350	U	380	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	890	U	890	UJ	890	U	890	U	940	U
92-52-4	1,1'-Biphenyl	ug/kg	350	U	350	UJ	350	U	350	U	380	U
91-58-7	2-Chloronaphthalene	ug/kg	350	U	350	UJ	350	U	350	U	380	U
88-74-4	2-Nitroaniline	ug/kg	890	U	890	UJ	890	U	890	U	940	U
131-11-3	Dimethyl phthalate	ug/kg	350	U	350	UJ	350	U	350	U	380	U
606-20-2	2,6-Dinitrotoluene	ug/kg	350	U	350	UJ	350	U	350	U	380	U
208-96-8	Acenaphthylene	ug/kg	350	U	350	UJ	350	U	350	U	380	U
99-09-2	3-Nitrooaniline	ug/kg	890	U	890	UJ	890	U	890	U	940	U
83-32-9	Acenaphthene	ug/kg	350	U	350	UJ	350	U	440		380	U

303760

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01		SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01		SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	890	U	890	UJ	890	U	890	U	940	U
100-02-7	4-Nitrophenol	ug/kg	890	UJ	890	UJ	890	UJ	890	UJ	940	UJ
132-64-9	Dibenzofuran	ug/kg	350	U	350	UJ	350	U	170	J	380	U
121-14-2	2,4-Dinitrotoluene	ug/kg	350	U	350	UJ	350	U	350	U	380	U
84-66-2	Diethyl phthalate	ug/kg	350	U	350	UJ	350	U	350	U	380	U
86-73-7	Fluorene	ug/kg	350	U	350	UJ	350	U	270	J	380	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	350	U	350	UJ	350	U	350	U	380	U
100-01-6	P-Nitroaniline	ug/kg	890	U	890	UJ	890	U	890	U	940	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	890	U	890	UJ	890	U	890	U	940	U
86-30-6	N-Nitrosodiphenylamine	ug/kg	350	U	350	UJ	350	U	350	U	380	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	350	U	350	UJ	350	U	350	U	380	U
118-74-1	Hexachlorobenzene	ug/kg	350	U	350	UJ	350	U	350	U	380	U
1912-24-9	Atrazine	ug/kg	350	U	350	UJ	350	U	350	U	380	U
87-86-5	Pentachlorophenol	ug/kg	890	U	890	UJ	890	U	890	U	940	U
85-01-8	Phenanthrene	ug/kg	200	J	350	UJ	46	J	1400		380	U
120-12-7	Anthracene	ug/kg	53	J	350	UJ	40	J	350		380	U
86-74-8	Carbazole	ug/kg	350	U	350	UJ	350	U	230	J	380	U
84-74-2	Di-n-butylphthalate	ug/kg	350	U	350	UJ	350	U	350	U	380	U
206-44-0	Fluoranthene	ug/kg	380		350	UJ	160	J	1600		380	U
129-00-0	Pyrene	ug/kg	310	J	350	UJ	220	J	1300		380	U
85-68-7	Benzyl butyl phthalate	ug/kg	350	U	350	UJ	350	U	350	U	380	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	350	UJ	350	UJ	350	UJ	350	UJ	380	UJ
56-55-3	Benzo(a)anthracene	ug/kg	230	J	350	UJ	220	J	850		380	U
218-01-9	Chrysene	ug/kg	200	J	350	UJ	190	J	770		380	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	350	U	350	UJ	350	U	350	U	380	U
117-84-0	Di-n-octylphthalate	ug/kg	350	U	350	UJ	350	U	350	U	380	U
205-99-2	Benzo(b)fluoranthene	ug/kg	250	J	350	UJ	270	J	1400		40	J
207-08-9	Benzo(k)fluoranthene	ug/kg	100	J	350	UJ	200	J	350	U	380	U
50-32-8	Benzo(a)pyrene	ug/kg	190	J	350	UJ	220	J	790		380	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	100	J	350	UJ	100	J	370		380	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	350	U	350	UJ	350	U	140	J	380	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	110	J	350	UJ	110	J	410		380	U

303761

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01		SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01		SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.9	UJ
319-85-7	beta-BHC	ug/kg	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
319-86-8	delta-BHC	ug/kg	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.9	UJ
76-44-8	Heptachlor	ug/kg	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
309-00-2	Aldrin	ug/kg	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
1024-57-3	Heptachlor Epoxide	ug/kg	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
959-98-8	Endosulfan I	ug/kg	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
60-57-1	Dieldrin	ug/kg	3.5	U	3.5	U	3.5	U	3.5	U	3.8	U
72-55-9	4,4'-DDE	ug/kg	3.5	U	3.5	U	3.5	U	3.5	U	3.8	U
72-20-8	Endrin	ug/kg	3.5	U	3.5	U	3.5	U	3.5	U	3.8	U
33213-65-9	Endosulfan II	ug/kg	3.5	U	3.5	U	3.5	U	3.5	U	3.8	U
72-54-8	4,4'-DDD	ug/kg	3.5	U	3.5	U	3.5	U	3.5	U	3.8	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.5	U	3.5	U	3.5	U	3.5	U	3.8	U
50-29-3	4,4'-DDT	ug/kg	3.5	U	3.5	U	3.5	U	4.4		3.8	U
72-43-5	Methoxychlor	ug/kg	18	U	18	U	18	U	18	U	19	U
53494-70-5	Endrin Ketone	ug/kg	3.5	U	3.5	U	3.5	U	3.5	U	3.8	U
7421-93-4	Endrin Aldehyde	ug/kg	3.5	U	3.5	U	3.5	U	3.5	U	3.8	U
5103-71-9	alpha-Chlordane	ug/kg	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.9	UJ
5103-74-2	gamma-Chlordane	ug/kg	1.8	U	1.8	U	1.8	U	1.8	U	1.9	U
8001-35-2	Toxphene	ug/kg	180	U	180	U	180	U	180	U	190	U
12674-11-2	Aroclor-1016	ug/kg	35	U	35	U	35	U	35	U	38	U
11104-28-2	Aroclor-1221	ug/kg	72	U	72	U	72	U	72	U	76	U
11141-16-5	Aroclor-1232	ug/kg	35	U	35	U	35	U	35	U	38	U
53469-21-9	Aroclor-1242	ug/kg	35	U	35	U	35	U	35	U	38	U
12672-29-6	Aroclor-1248	ug/kg	35	U	35	U	35	U	35	U	38	U
11097-69-1	Aroclor-1254	ug/kg	35	U	35	U	35	U	35	U	38	U
11096-82-5	Aroclor-1260	ug/kg	35	U	35	U	35	U	35	U	38	U

303762

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01		SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01		SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	4530		3990		4860		4110		5250	
7440-36-0	Antimony	mg/kg	0.75	UJ	0.73	UJ	0.8	UJ	0.78	UJ	0.76	UJ
7440-38-2	Arsenic	mg/kg	1.7	B	1.2	B	1.8	B	1.8	B	2.3	
7440-39-3	Barium	mg/kg	33.5	B	10.9	B	18.7	B	18.2	B	10.5	B
7440-41-7	Beryllium	mg/kg	0.37	B	0.3	B	0.37	B	0.33	B	0.36	B
7440-43-9	Cadmium	mg/kg	0.11	B	0.08	U	0.09	U	0.09	U	0.08	U
7440-70-2	Calcium	mg/kg	757	B	428	B	1040	B	868	B	425	B
7440-47-3	Chromium	mg/kg	5.4		4.3		5.5		4.6		5.7	
7440-48-4	Cobalt	mg/kg	2.7	B	3.2	B	4.4	B	2.8	B	3.7	B
7440-50-8	Copper	mg/kg	10.6		6		7.9		9.6		9.5	
7439-89-6	Iron	mg/kg	8450		8000		8870		8060		10400	
7439-92-1	Lead	mg/kg	13.4		2.3		11.3		13.4		3.4	
7439-95-4	Magnesium	mg/kg	853	B	1110		863	B	755	B	1350	
7439-96-5	Manganese	mg/kg	282		150		238		180		258	
7439-97-6	Mercury	mg/kg	0.09		0.05	U	0.05	B	0.05	U	0.07	B
7440-02-0	Nickel	mg/kg	13.5		6.9	B	6.5	B	5.8	B	9.2	
7440-09-7	Potassium	mg/kg	266	B	330	B	314	B	272	B	426	B
7782-49-2	Selenium	mg/kg	0.98	U	0.94	U	1	U	1	U	0.98	U
7440-22-4	Silver	mg/kg	0.2	U	0.2	U	0.22	U	0.21	U	0.2	U
7440-23-5	Sodium	mg/kg	312	BJ	253	BJ	319	BJ	278	BJ	331	BJ
7440-28-0	Thallium	mg/kg	1.1	UJ	1	UJ	1.1	UJ	1.1	UJ	1.1	UJ
7440-62-2	Vanadium	mg/kg	8.5	B	9.4	B	9.4	B	8.1	B	9.5	B
7440-66-6	Zinc	mg/kg	50.9		0	R	25.3		0	R	0	R

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01		SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01		SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02		SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	1200	J	1500	J	1600	J	1300	J	1600	J
GIS-110-012	Total Organic Carbon	mg/kg	6920	J	662	J	2920	J	3490	J	1630	J
12408-02-5	pH	S.U.	7.6		7.89		7.81		7.81		8.02	
Grain-85	**Grain - 3 members**											
No.4(4.75-mm	No. 4 (4.75-mm)	%	3.93		8.42		5.24		3.24		9.56	
No.10(2.00-mr	No. 10 (2.00-mm)	%	6.44		10.7		7.33		4.21		14.4	
No.40(0.425)	No. 40 (0.425)	%	19.4		18.2		21.7		13.1		22.4	
Grain-90	**Grain - 6 members**											
105	<105	%										
105-425	105-425	%										
425 - 500	425 - 500	%										
500 - 850	500 - 850	%										
850 - 2380	850 - 2380	%										
2380	>2380	%										

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03		SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03		SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04		SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04		SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	11	UJ	12	UJ	12	UJ	10	UJ	51	UJ
74-87-3	Chloromethane	ug/kg	11	U	12	U	12	UJ	10	U	51	U
75-01-4	Vinyl Chloride	ug/kg	11	U	12	U	12	U	10	U	51	U
74-83-9	Bromomethane	ug/kg	11	U	12	U	12	U	10	U	51	U
75-00-3	Chloroethane	ug/kg	11	U	12	U	12	U	10	U	51	U
75-69-4	Trichlorofluoromethane	ug/kg	11	U	12	U	12	U	10	U	51	U
75-35-4	1,1-Dichloroethene	ug/kg	11	U	12	U	12	U	10	U	51	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	U	12	U	12	U	10	U	51	U
67-64-1	Acetone	ug/kg	11	U	68	U	12	UJ	10	U	51	U
75-15-0	Carbon Disulfide	ug/kg	11	U	12	U	12	U	10	U	51	U
79-20-9	Methyl Acetate	ug/kg	11	UJ	12	UJ	12	UJ	10	UJ	51	UJ
75-09-2	Methylene Chloride	ug/kg	6	J	7	J	12	U	5	J	28	J
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	U	12	U	12	U	10	U	51	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	U	12	U	12	U	10	U	51	U
75-34-3	1,1-Dichloroethane	ug/kg	11	U	12	U	12	U	10	U	51	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	U	12	U	12	U	10	U	51	U
78-93-3	2-Butanone	ug/kg	11	U	12	U	12	UJ	10	U	51	U
67-66-3	Chloroform	ug/kg	11	U	12	U	12	U	10	U	51	U
71-55-6	1,1,1-Trichloroethane	ug/kg	11	U	12	U	12	U	10	U	51	U
110-82-7	Cyclohexane	ug/kg	11	U	12	U	12	U	10	U	51	U
56-23-5	Carbon Tetrachloride	ug/kg	11	U	12	U	12	U	10	U	51	U
71-43-2	Benzene	ug/kg	11	U	12	U	12	U	10	U	51	U
107-06-2	1,2-Dichloroethane	ug/kg	11	U	12	U	12	U	10	U	51	U
79-01-6	Trichloroethene	ug/kg	27		12	U	12	U	10	U	51	U
108-87-2	Methylcyclohexane	ug/kg	11	U	12	U	12	U	10	U	51	U
78-87-5	1,2-Dichloropropane	ug/kg	11	U	12	U	12	U	10	U	51	U
75-27-4	Bromodichloromethane	ug/kg	11	U	12	U	12	U	10	U	51	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	U	12	U	12	U	10	U	51	U
108-10-1	4-Methyl-2-pentanone	ug/kg	11	U	12	U	12	U	10	U	51	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03		SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03		SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04		SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04		SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05	
108-88-3	Toluene	ug/kg	11	U	12	U	12	U	10	U	51	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	U	12	U	12	U	10	U	51	U
79-00-5	1,1,2-Trichloroethane	ug/kg	11	U	12	U	12	U	10	U	51	U
127-18-4	Tetrachloroethene	ug/kg	11	U	12	U	12	U	10	U	51	U
591-78-6	2-Hexanone	ug/kg	11	U	12	U	12	U	10	U	51	U
124-48-1	Dibromochloromethane	ug/kg	11	U	12	U	12	U	10	U	51	U
106-93-4	1,2-Dibromoethane	ug/kg	11	U	12	U	12	U	10	U	51	U
108-90-7	Chlorobenzene	ug/kg	11	U	12	U	12	U	10	U	51	U
100-41-4	Ethylbenzene	ug/kg	11	U	12	U	12	U	10	U	51	U
1330-20-7	Xylenes (total)	ug/kg	11	U	12	U	12	U	10	U	51	U
100-42-5	Styrene	ug/kg	11	U	12	U	12	U	10	U	51	U
75-25-2	Bromoform	ug/kg	11	U	12	U	12	U	10	U	51	U
98-82-8	Isopropylbenzene	ug/kg	11	U	12	U	12	U	10	U	51	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	U	12	U	12	U	10	U	51	U
541-73-1	1,3-Dichlorobenzene	ug/kg	11	U	12	U	12	U	10	U	51	U
106-46-7	1,4-Dichlorobenzene	ug/kg	11	U	12	U	12	U	10	U	51	U
95-50-1	1,2-Dichlorobenzene	ug/kg	11	U	12	U	12	U	10	U	51	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	U	12	U	12	U	10	U	51	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	U	12	U	12	U	10	U	51	U

Cas Rn	Chemical Name	Sample Code *Sample Date* Depth Unit \\ Location	SBS-03-0-2 *12/6/2001* 0 to 2 ft.BGS SBS-03		SBS-03-2-4 *12/6/2001* 2 to 4 ft.BGS SBS-03		SBS-04-0-2 *12/6/2001* 0 to 2 ft.BGS SBS-04		SBS-04-2-4 *12/6/2001* 2 to 4 ft.BGS SBS-04		SBS-05-0-2 *12/6/2001* 0 to 2 ft.BGS SBS-05	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	350	U	350	U	350	U	360	U	38	J
108-95-2	Phenol	ug/kg	350	U	350	U	350	U	360	U	44	J
111-44-4	bis(2-Chloroethyl)ether	ug/kg	350	U	350	U	350	U	360	U	370	U
95-57-8	2-Chlorophenol	ug/kg	350	U	350	U	350	U	360	U	370	U
95-48-7	2-Methylphenol	ug/kg	350	U	350	U	350	U	360	U	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	350	U	350	U	350	U	360	U	370	U
98-86-2	Acetophenone	ug/kg	350	U	350	U	350	U	360	U	370	U
106-44-5	4-Methylphenol	ug/kg	350	U	350	U	350	U	360	U	370	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	350	U	350	U	350	U	360	U	370	U
67-72-1	Hexachloroethene	ug/kg	350	U	350	U	350	U	360	U	370	U
98-95-3	Nitrobenzene	ug/kg	350	U	350	U	350	U	360	U	370	U
78-59-1	Isophorone	ug/kg	350	U	350	U	350	U	360	U	370	U
88-75-5	2-Nitrophenol	ug/kg	350	U	350	U	350	U	360	U	370	U
105-67-9	2,4-Dimethylphenol	ug/kg	350	U	350	U	350	U	360	U	370	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	350	U	350	U	350	U	360	U	370	U
120-83-2	2,4-Dichlorophenol	ug/kg	350	U	350	U	350	U	360	U	370	U
91-20-3	Naphthalene	ug/kg	43	J	350	U	350	U	360	U	84	J
106-47-8	p-Chloroaniline	ug/kg	350	UJ	350	UJ	350	UJ	360	UJ	370	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	350	U	350	U	350	U	360	U	370	U
105-60-2	Caprolactam	ug/kg	350	U	350	U	350	U	360	U	370	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	350	U	350	U	350	U	360	U	370	U
91-57-6	2-Methylnaphthalene	ug/kg	61	J	350	U	350	U	360	U	130	J
77-47-4	Hexachlorocyclopentadiene	ug/kg	350	U	350	U	350	U	360	U	370	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	350	U	350	U	350	U	360	U	370	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	890	U	880	U	870	U	910	U	920	U
92-52-4	1,1'-Biphenyl	ug/kg	350	U	350	U	350	U	360	U	370	U
91-58-7	2-Chloronaphthalene	ug/kg	350	U	350	U	350	U	360	U	370	U
88-74-4	2-Nitroaniline	ug/kg	890	U	880	U	870	U	910	U	920	U
131-11-3	Dimethyl phthalate	ug/kg	350	U	350	U	350	U	360	U	370	U
606-20-2	2,6-Dinitrotoluene	ug/kg	350	U	350	U	350	U	360	U	370	U
208-96-8	Acenaphthylene	ug/kg	350	U	350	U	350	U	360	U	45	J
99-09-2	3-Nitrooaniline	ug/kg	890	U	880	U	870	U	910	U	920	U
83-32-9	Acenaphthene	ug/kg	87	J	350	U	350	U	360	U	370	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03		SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03		SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04		SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04		SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	890	U	880	U	870	U	910	U	920	U
100-02-7	4-Nitrophenol	ug/kg	890	UJ	880	UJ	870	UJ	910	UJ	920	UJ
132-64-9	Dibenzofuran	ug/kg	48	J	350	U	350	U	360	U	40	J
121-14-2	2,4-Dinitrotoluene	ug/kg	350	U	350	U	350	U	360	U	370	U
84-66-2	Diethyl phthalate	ug/kg	350	U	350	U	350	U	360	U	370	U
86-73-7	Fluorene	ug/kg	68	J	350	U	350	U	360	U	39	J
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	350	U	350	U	350	U	360	U	370	U
100-01-6	P-Nitroaniline	ug/kg	45	J	880	U	870	U	910	U	560	J
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	890	U	880	U	870	U	910	U	920	U
86-30-6	N-Nitrosodiphenylamine	ug/kg	350	U	350	U	350	U	360	U	370	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	350	U	350	U	350	U	360	U	370	U
118-74-1	Hexachlorobenzene	ug/kg	350	U	350	U	350	U	360	U	370	U
1912-24-9	Atrazine	ug/kg	350	U	350	U	350	U	360	U	370	U
87-86-5	Pentachlorophenol	ug/kg	890	U	880	U	870	U	910	U	920	U
85-01-8	Phenanthrene	ug/kg	840		350	U	350	U	360	U	270	J
120-12-7	Anthracene	ug/kg	170	J	350	U	350	U	360	U	83	J
86-74-8	Carbazole	ug/kg	120	J	350	U	350	U	360	U	40	J
84-74-2	Di-n-butylphthalate	ug/kg	350	U	350	U	350	U	360	U	370	U
206-44-0	Fluoranthene	ug/kg	1400		350	U	350	U	360	U	500	
129-00-0	Pyrene	ug/kg	1100		350	U	350	U	360	U	510	
85-68-7	Benzyl butyl phthalate	ug/kg	350	U	350	U	350	U	360	U	370	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	350	UJ	350	UJ	350	UJ	360	UJ	370	UJ
56-55-3	Benzo(a)anthracene	ug/kg	620		350	U	350	U	360	U	370	
218-01-9	Chrysene	ug/kg	610		350	U	350	U	360	U	360	J
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	350	U	350	U	350	U	360	U	370	U
117-84-0	Di-n-octylphthalate	ug/kg	350	U	350	U	350	U	360	U	370	U
205-99-2	Benzo(b)fluoranthene	ug/kg	770		350	U	350	U	360	U	600	
207-08-9	Benzo(k)fluoranthene	ug/kg	280	J	350	U	350	U	360	U	220	J
50-32-8	Benzo(a)pyrene	ug/kg	540		350	U	350	U	360	U	410	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	310	J	350	U	350	U	360	U	270	J
53-70-3	Dibenzo(a,h)anthracene	ug/kg	110	J	350	U	350	U	360	U	97	J
191-24-2	Benzo(g,h,i)perylene	ug/kg	360		350	U	350	U	360	U	300	J

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03		SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03		SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04		SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04		SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	1.8	UJ	1.8	UJ	1.8	UJ	1.9	UJ	1.9	UJ
319-85-7	beta-BHC	ug/kg	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U
319-86-8	delta-BHC	ug/kg	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.8	UJ	1.8	UJ	1.8	UJ	1.9	UJ	1.9	UJ
76-44-8	Heptachlor	ug/kg	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U
309-00-2	Aldrin	ug/kg	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U
1024-57-3	Heptachlor Epoxide	ug/kg	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U
959-98-8	Endosulfan I	ug/kg	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U
60-57-1	Dieldrin	ug/kg	3.5	U	3.5	U	14		3.6	U	0	R
72-55-9	4,4'-DDE	ug/kg	3.5	U	3.5	U	3.5	U	3.6	U	3.7	U
72-20-8	Endrin	ug/kg	3.5	U	3.5	U	3.5	U	3.6	U	3.7	U
33213-65-9	Endosulfan II	ug/kg	3.5	U	3.5	U	3.5	U	3.6	U	3.7	U
72-54-8	4,4'-DDD	ug/kg	3.5	U	3.5	U	3.5	U	3.6	U	3.7	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.5	U	3.5	U	3.5	U	3.6	U	3.7	U
50-29-3	4,4'-DDT	ug/kg	3.5	U	3.5	U	3.5	U	3.6	U	3.7	U
72-43-5	Methoxychlor	ug/kg	18	U	18	U	18	U	19	U	19	U
53494-70-5	Endrin Ketone	ug/kg	3.5	U	3.5	U	3.5	U	3.6	U	3.7	U
7421-93-4	Endrin Aldehyde	ug/kg	3.5	U	3.5	U	3.5	U	3.6	U	3.7	U
5103-71-9	alpha-Chlordane	ug/kg	1.8	UJ	1.8	UJ	1.8	UJ	1.9	UJ	1.9	UJ
5103-74-2	gamma-Chlordane	ug/kg	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U
8001-35-2	Toxphene	ug/kg	180	U	180	U	180	U	190	U	190	U
12674-11-2	Aroclor-1016	ug/kg	35	U	35	U	35	U	36	U	37	U
11104-28-2	Aroclor-1221	ug/kg	72	U	71	U	71	U	74	U	74	U
11141-16-5	Aroclor-1232	ug/kg	35	U	35	U	35	U	36	U	37	U
53469-21-9	Aroclor-1242	ug/kg	35	U	35	U	35	U	36	U	37	U
12672-29-6	Aroclor-1248	ug/kg	35	U	35	U	35	U	36	U	37	U
11097-69-1	Aroclor-1254	ug/kg	35	U	35	U	35	U	36	U	37	U
11096-82-5	Aroclor-1260	ug/kg	35	U	35	U	35	U	36	U	37	U

303769

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03		SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03		SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04		SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04		SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	4110		3940		3760		4540		4080	
7440-36-0	Antimony	mg/kg	0.78	UJ	0.78	UJ	0.72	UJ	0.79	UJ	0.8	UJ
7440-38-2	Arsenic	mg/kg	2.2		0.93	B	1.4	B	1.4	B	2.1	B
7440-39-3	Barium	mg/kg	24	B	10.3	B	13.3	B	13.1	B	45.9	
7440-41-7	Beryllium	mg/kg	0.33	B	0.3	B	0.3	B	0.32	B	0.36	B
7440-43-9	Cadmium	mg/kg	0.13	B	0.08	U	0.08	U	0.09	U	1.8	
7440-70-2	Calcium	mg/kg	1490		501	B	592	B	520	B	1940	
7440-47-3	Chromium	mg/kg	6.1		4.2		3.7		5.3		10.5	
7440-48-4	Cobalt	mg/kg	3	B	2.4	B	2.6	B	2.6	B	8.9	B
7440-50-8	Copper	mg/kg	17.1		5.1	B	28.5		16		99.6	
7439-89-6	Iron	mg/kg	9270		7970		7390		9860		20800	
7439-92-1	Lead	mg/kg	32.2		2.5		5.3		3		91.7	
7439-95-4	Magnesium	mg/kg	1340		934	B	943	B	964	B	1030	B
7439-96-5	Manganese	mg/kg	209		153		68.7		151		2700	
7439-97-6	Mercury	mg/kg	0.21		0.06	B	0.83		0.55		22.1	
7440-02-0	Nickel	mg/kg	7.4	B	6.5	B	5.2	B	6.8	B	85.7	
7440-09-7	Potassium	mg/kg	366	B	310	B	285	B	291	B	389	B
7782-49-2	Selenium	mg/kg	1	U	1	U	0.94	U	1	U	1.5	
7440-22-4	Silver	mg/kg	0.21	U	0.21	U	0.2	U	0.21	U	0.58	B
7440-23-5	Sodium	mg/kg	325	BJ	288	BJ	273	BJ	315	BJ	3870	J
7440-28-0	Thallium	mg/kg	1.1	UJ	1.1	UJ	1	UJ	1.1	UJ	1.1	UJ
7440-62-2	Vanadium	mg/kg	8	B	8.4	B	7	B	10.5	B	8	B
7440-66-6	Zinc	mg/kg	37.7		0	R	0	R	0	R	4100	

303770

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03		SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03		SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04		SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04		SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	1600	J	770	J	1200	J	1600	J	1500	J
GIS-110-012	Total Organic Carbon	mg/kg	7690	J	1350	J	5600	J	4140	J	18100	J
12408-02-5	pH	S.U.	8.13		8.07		7.95		7.3		7.56	
Grain-85	**Grain - 3 members**											
No.4(4.75-mm	No. 4 (4.75-mm)	%	5.45		7.11		1.82		6.5		11.6	
No.10(2.00-mr	No. 10 (2.00-mm)	%	8.64		4.15		2.7		13.9		19.7	
No.40(0.425)	No. 40 (0.425)	%	35.2		26.2		6.79		27.7		35.9	
Grain-90	**Grain - 6 members**											
105	<105	%										
105-425	105-425	%										
425 - 500	425 - 500	%										
500 - 850	500 - 850	%										
850 - 2380	850 - 2380	%										
2380	>2380	%										

303771

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05		SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01		SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01		SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01		SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	10	UJ	11	U	11	U	10	U	11	U
74-87-3	Chloromethane	ug/kg	10	U	11	U	11	U	10	U	11	U
75-01-4	Vinyl Chloride	ug/kg	10	U	11	U	11	U	10	U	11	U
74-83-9	Bromomethane	ug/kg	10	U	11	U	11	U	10	U	11	U
75-00-3	Chloroethane	ug/kg	10	U	11	U	11	U	10	U	11	U
75-69-4	Trichlorofluoromethane	ug/kg	10	U	11	UJ	11	UJ	10	UJ	11	UJ
75-35-4	1,1-Dichloroethene	ug/kg	10	U	11	U	11	U	10	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	10	U	11	UJ	11	UJ	10	UJ	11	UJ
67-64-1	Acetone	ug/kg	440	J	60	UJ	77	UJ	44	UJ	50	UJ
75-15-0	Carbon Disulfide	ug/kg	10	U	11	U	11	U	10	U	11	U
79-20-9	Methyl Acetate	ug/kg	10	UJ	11	U	11	U	10	U	11	U
75-09-2	Methylene Chloride	ug/kg	6	J	1	J	3	J	2	J	2	J
156-60-5	trans-1,2-Dichloroethene	ug/kg	10	U	11	U	11	U	10	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10	U	11	U	11	U	10	U	11	U
75-34-3	1,1-Dichloroethane	ug/kg	10	U	11	U	11	U	10	U	11	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	10	U	11	U	11	U	10	U	11	U
78-93-3	2-Butanone	ug/kg	10	U	4	J	6	J	6	J	8	J
67-66-3	Chloroform	ug/kg	10	U	11	UJ	11	UJ	10	UJ	11	UJ
71-55-6	1,1,1-Trichloroethane	ug/kg	10	U	11	U	11	U	10	U	11	U
110-82-7	Cyclohexane	ug/kg	10	U	11	U	11	U	10	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	10	U	11	U	11	U	10	U	11	U
71-43-2	Benzene	ug/kg	10	U	11	U	11	U	10	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	10	U	11	U	11	U	10	U	11	U
79-01-6	Trichloroethene	ug/kg	10	U	11	U	11	U	10	U	11	U
108-87-2	Methylcyclohexane	ug/kg	10	U	11	U	11	U	10	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	10	U	11	U	11	U	10	U	11	U
75-27-4	Bromodichloromethane	ug/kg	10	U	11	U	11	U	10	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10	U	11	U	11	U	10	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	10	U	11	U	11	U	10	U	11	U

303772

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05		SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01		SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01		SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01		SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01	
108-88-3	Toluene	ug/kg	10	U	11	U	11	U	10	U	1	J
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10	U	11	U	11	U	10	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	10	U	11	U	11	U	10	U	11	U
127-18-4	Tetrachloroethene	ug/kg	10	U	11	U	11	U	10	U	11	U
591-78-6	2-Hexanone	ug/kg	10	U	11	U	11	U	10	U	11	U
124-48-1	Dibromochloromethane	ug/kg	10	U	11	U	11	U	10	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	10	U	11	U	11	U	10	U	11	U
108-90-7	Chlorobenzene	ug/kg	10	U	11	U	11	U	10	U	11	U
100-41-4	Ethylbenzene	ug/kg	10	U	11	U	11	U	10	U	11	U
1330-20-7	Xylenes (total)	ug/kg	10	U	11	U	11	U	10	U	11	U
100-42-5	Styrene	ug/kg	10	U	11	U	11	U	10	U	11	U
75-25-2	Bromoform	ug/kg	10	U	11	U	11	U	10	U	11	U
98-82-8	Isopropylbenzene	ug/kg	10	U	11	U	11	U	10	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	10	U	11	U	11	U	10	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	10	U	11	U	11	U	10	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	10	U	11	U	11	U	10	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	10	U	11	U	11	U	10	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	10	U	11	U	11	U	10	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	10	U	11	U	11	U	10	U	11	U

303773

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05		SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01		SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01		SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01		SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	350	U	360	UJ	350	UJ	360	UJ	400	U
108-95-2	Phenol	ug/kg	350	U	360	U	350	U	360	U	400	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	350	U	360	U	350	U	360	U	400	U
95-57-8	2-Chlorophenol	ug/kg	350	U	360	U	350	U	360	U	400	U
95-48-7	2-Methylphenol	ug/kg	350	U	360	U	350	U	360	U	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	350	U	360	U	350	U	360	U	400	U
98-86-2	Acetophenone	ug/kg	350	U	360	U	350	U	360	U	400	U
106-44-5	4-Methylphenol	ug/kg	350	U	360	U	350	U	360	U	400	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	350	U	360	U	350	U	360	U	400	U
67-72-1	Hexachloroethene	ug/kg	350	U	360	U	350	U	360	U	400	U
98-95-3	Nitrobenzene	ug/kg	350	U	360	U	350	U	360	U	400	U
78-59-1	Isophorone	ug/kg	350	U	360	U	350	U	360	U	400	U
88-75-5	2-Nitrophenol	ug/kg	350	U	360	U	350	U	360	U	400	U
105-67-9	2,4-Dimethylphenol	ug/kg	350	U	360	U	350	U	360	U	400	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	350	U	360	U	350	U	360	U	400	U
120-83-2	2,4-Dichlorophenol	ug/kg	350	U	360	U	350	U	360	U	400	U
91-20-3	Naphthalene	ug/kg	350	U	360	U	350	U	360	U	400	U
106-47-8	p-Chloroaniline	ug/kg	350	UJ	360	U	350	U	360	U	400	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	350	U	360	U	350	U	360	U	400	U
105-60-2	Caprolactam	ug/kg	350	U	360	U	350	U	360	U	400	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	350	U	360	U	350	U	360	U	400	U
91-57-6	2-Methylnaphthalene	ug/kg	350	U	360	U	350	U	360	U	400	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	350	U	360	UJ	350	UJ	360	UJ	400	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	350	U	360	U	350	U	360	U	400	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	880	U	910	U	890	U	910	U	1000	U
92-52-4	1,1'-Biphenyl	ug/kg	350	U	360	U	350	U	360	U	400	U
91-58-7	2-Chloronaphthalene	ug/kg	350	U	360	U	350	U	360	U	400	U
88-74-4	2-Nitroaniline	ug/kg	880	U	910	U	890	U	910	U	1000	U
131-11-3	Dimethyl phthalate	ug/kg	350	U	360	U	350	U	360	U	400	U
606-20-2	2,6-Dinitrotoluene	ug/kg	350	U	360	U	350	U	360	U	400	U
208-96-8	Acenaphthylene	ug/kg	350	U	360	U	350	U	360	U	400	U
99-09-2	3-Nitroaniline	ug/kg	880	U	910	U	890	U	910	U	1000	U
83-32-9	Acenaphthene	ug/kg	350	U	360	U	350	U	360	U	400	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05		SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01		SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01		SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01		SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	880	U	910	UJ	890	UJ	910	UJ	1000	UJ
100-02-7	4-Nitrophenol	ug/kg	880	UJ	910	UJ	890	UJ	910	UJ	1000	UJ
132-64-9	Dibenzofuran	ug/kg	350	U	360	U	350	U	360	U	400	U
121-14-2	2,4-Dinitrotoluene	ug/kg	350	U	360	U	350	U	360	U	400	U
84-66-2	Diethyl phthalate	ug/kg	350	U	360	U	350	U	360	U	400	U
86-73-7	Fluorene	ug/kg	350	U	360	U	350	U	360	U	400	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	350	U	360	U	350	U	360	U	400	U
100-01-6	P-Nitroaniline	ug/kg	50	J	910	U	890	U	910	U	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	880	U	910	UJ	890	UJ	910	UJ	1000	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	350	U	360	U	350	U	360	U	400	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	350	U	360	U	350	U	360	U	400	U
118-74-1	Hexachlorobenzene	ug/kg	350	U	360	U	350	U	360	U	400	U
1912-24-9	Atrazine	ug/kg	350	U	360	U	350	U	360	U	400	U
87-86-5	Pentachlorophenol	ug/kg	880	U	910	UJ	890	UJ	910	UJ	1000	U
85-01-8	Phenanthrene	ug/kg	350	U	360	U	350	U	360	U	400	U
120-12-7	Anthracene	ug/kg	350	U	360	U	350	U	360	U	400	U
86-74-8	Carbazole	ug/kg	350	U	360	U	350	U	360	U	400	U
84-74-2	Di-n-butylphthalate	ug/kg	350	U	360	U	350	U	360	U	400	U
206-44-0	Fluoranthene	ug/kg	350	U	360	U	350	U	360	U	400	U
129-00-0	Pyrene	ug/kg	350	U	360	U	350	U	360	U	400	U
85-68-7	Benzyl butyl phthalate	ug/kg	350	U	360	U	350	U	360	U	400	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	350	UJ	360	U	350	U	360	U	400	U
56-55-3	Benzo(a)anthracene	ug/kg	350	U	360	U	350	U	360	U	400	U
218-01-9	Chrysene	ug/kg	350	U	360	U	350	U	360	U	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	350	U	1100		350	U	360	U	400	U
117-84-0	Di-n-octylphthalate	ug/kg	350	U	360	U	350	U	360	U	400	U
205-99-2	Benzo(b)fluoranthene	ug/kg	350	U	360	U	350	U	360	U	400	U
207-08-9	Benzo(k)fluoranthene	ug/kg	350	U	360	U	350	U	360	U	400	U
50-32-8	Benzo(a)pyrene	ug/kg	350	U	360	U	350	U	360	U	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	350	U	360	UJ	350	UJ	360	UJ	400	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	350	U	360	U	350	U	360	U	400	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	350	U	360	U	350	U	360	U	400	U

303775

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05		SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01		SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01		SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01		SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	1.8	UJ	1.9	U	1.8	U	1.9	U	2.1	U
319-85-7	beta-BHC	ug/kg	1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
319-86-8	delta-BHC	ug/kg	1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.8	UJ	1.9	U	1.8	U	1.9	U	2.1	U
76-44-8	Heptachlor	ug/kg	1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
309-00-2	Aldrin	ug/kg	1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
1024-57-3	Heptachlor Epoxide	ug/kg	1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
959-98-8	Endosulfan I	ug/kg	1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
60-57-1	Dieldrin	ug/kg	3.5	U	3.6	U	3.5	U	3.6	U	4	U
72-55-9	4,4'-DDE	ug/kg	3.5	U	3.6	U	3.5	U	3.6	U	4	U
72-20-8	Endrin	ug/kg	3.5	U	3.6	U	3.5	U	3.6	U	4	U
33213-65-9	Endosulfan II	ug/kg	3.5	U	3.6	U	3.5	U	3.6	U	4	U
72-54-8	4,4'-DDD	ug/kg	3.5	U	3.6	U	3.5	U	3.6	U	4	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.5	U	3.6	U	3.5	U	3.6	U	4	U
50-29-3	4,4'-DDT	ug/kg	3.5	U	3.6	U	3.5	U	3.6	U	4	U
72-43-5	Methoxychlor	ug/kg	18	U	19	U	18	U	19	U	21	U
53494-70-5	Endrin Ketone	ug/kg	3.5	U	3.6	U	3.5	U	3.6	U	4	U
7421-93-4	Endrin Aldehyde	ug/kg	3.5	U	3.6	U	3.5	U	3.6	U	4	U
5103-71-9	alpha-Chlordane	ug/kg	1.8	UJ	1.9	U	1.8	U	1.9	U	2.1	U
5103-74-2	gamma-Chlordane	ug/kg	1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
8001-35-2	Toxphene	ug/kg	180	U	190	U	180	U	190	U	210	U
12674-11-2	Aroclor-1016	ug/kg	35	U	36	U	35	U	36	U	40	U
11104-28-2	Aroclor-1221	ug/kg	71	U	74	U	72	U	74	U	82	U
11141-16-5	Aroclor-1232	ug/kg	35	U	36	U	35	U	36	U	40	U
53469-21-9	Aroclor-1242	ug/kg	35	U	36	U	35	U	36	U	40	U
12672-29-6	Aroclor-1248	ug/kg	35	U	66		35	U	36	U	40	U
11097-69-1	Aroclor-1254	ug/kg	35	U	36	U	35	U	36	U	40	U
11096-82-5	Aroclor-1260	ug/kg	35	U	36	U	35	U	36	U	40	U

303776

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05		SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01		SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01		SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01		SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	3680		4460		2850		3580		5400	
7440-36-0	Antimony	mg/kg	0.76	UJ	0.76	U	0.79	U	0.78	U	0.9	U
7440-38-2	Arsenic	mg/kg	0.75	B	2.8		1.4	B	0.97	B	4.4	
7440-39-3	Barium	mg/kg	10	B	15.4	B	6.9	B	7.7	B	11.4	B
7440-41-7	Beryllium	mg/kg	0.24	B	0.36	B	0.22	B	0.26	B	0.35	B
7440-43-9	Cadmium	mg/kg	0.11	B	0.08	U	0.09	U	0.08	U	0.1	U
7440-70-2	Calcium	mg/kg	949	B	1520	J	439	B	428	B	753	B
7440-47-3	Chromium	mg/kg	5		6.2	J	3.2	J	4.1	J	6.4	J
7440-48-4	Cobalt	mg/kg	4.5	B	3.1	B	2.4	B	3.2	B	5	B
7440-50-8	Copper	mg/kg	12		10	J	6.3	J	8.3	J	14.5	J
7439-89-6	Iron	mg/kg	7630		9230		5930		8010		12600	
7439-92-1	Lead	mg/kg	13.1		7.8		2.3		3		4.7	
7439-95-4	Magnesium	mg/kg	1050		1730		949	B	1130		1690	
7439-96-5	Manganese	mg/kg	133		203		125		228		436	
7439-97-6	Mercury	mg/kg	4.6		0.055	U	0.053	U	0.051	U	0.047	U
7440-02-0	Nickel	mg/kg	7.5	B	7.9	B	5	B	6.5	B	10.3	
7440-09-7	Potassium	mg/kg	343	B	357	B	286	B	358	B	530	B
7782-49-2	Selenium	mg/kg	0.99	U	0.99	U	1	U	1	U	1.2	U
7440-22-4	Silver	mg/kg	0.21	U	0.21	U	0.21	U	0.21	U	0.24	U
7440-23-5	Sodium	mg/kg	298	BJ	169	BJ	223	BJ	218	BJ	241	BJ
7440-28-0	Thallium	mg/kg	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.3	UJ
7440-62-2	Vanadium	mg/kg	8.2	B	8	B	5.7	B	7.3	B	9.8	B
7440-66-6	Zinc	mg/kg	57.5		20.6	J	16.6	J	20	J	31	J

303777

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05		SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01		SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01		SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01		SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	1100	J	530		210		330		500	
GIS-110-012	Total Organic Carbon	mg/kg	1810	J	5400		1420		361		537	
12408-02-5	pH	S.U.	8.03		7.33		7.23		6.61		6.41	
Grain-85	**Grain - 3 members**											
No.4(4.75-mm	No. 4 (4.75-mm)	%	2.38		2.17		0.18		1.63		3.27	
No.10(2.00-mr	No. 10 (2.00-mm)	%	8.55		2.71		1.31		4.2		12.2	
No.40(0.425)	No. 40 (0.425)	%	24.7		12.2		15.1		11.7		14.1	
Grain-90	**Grain - 6 members**											
105	<105	%										
105-425	105-425	%										
425 - 500	425 - 500	%										
500 - 850	500 - 850	%										
850 - 2380	850 - 2380	%										
2380	>2380	%										

303778

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01		SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02		SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02		SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02		SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	13	U	13	U	54	U	57	U	12	U
74-87-3	Chloromethane	ug/kg	13	U	13	U	54	U	57	U	12	U
75-01-4	Vinyl Chloride	ug/kg	13	U	13	U	54	U	57	U	12	U
74-83-9	Bromomethane	ug/kg	13	U	13	U	54	U	57	U	12	U
75-00-3	Chloroethane	ug/kg	13	U	13	U	54	U	57	U	12	U
75-69-4	Trichlorofluoromethane	ug/kg	13	UJ	13	U	54	U	57	U	12	U
75-35-4	1,1-Dichloroethene	ug/kg	13	U	13	U	54	U	57	U	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	13	UJ	13	U	54	U	57	U	12	U
67-64-1	Acetone	ug/kg	28	UJ	13	UJ	54	UJ	57	UJ	12	UJ
75-15-0	Carbon Disulfide	ug/kg	13	U	13	U	54	U	57	U	12	U
79-20-9	Methyl Acetate	ug/kg	13	U	13	UJ	54	UJ	57	UJ	12	UJ
75-09-2	Methylene Chloride	ug/kg	2	J	13	U	54	U	57	U	12	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	13	U	13	U	54	U	57	U	12	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	13	U	13	U	54	U	57	U	12	U
75-34-3	1,1-Dichloroethane	ug/kg	13	U	13	U	54	U	57	U	12	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	13	U	13	U	54	U	57	U	12	U
78-93-3	2-Butanone	ug/kg	6	J	13	U	54	U	57	U	12	U
67-66-3	Chloroform	ug/kg	13	UJ	13	U	54	U	57	U	12	U
71-55-6	1,1,1-Trichloroethane	ug/kg	13	U	13	U	54	U	57	U	12	U
110-82-7	Cyclohexane	ug/kg	13	U	13	U	54	U	57	U	12	U
56-23-5	Carbon Tetrachloride	ug/kg	13	U	13	U	54	U	57	U	12	U
71-43-2	Benzene	ug/kg	13	U	13	U	54	U	57	U	12	U
107-06-2	1,2-Dichloroethane	ug/kg	13	U	13	U	54	U	57	U	12	U
79-01-6	Trichloroethene	ug/kg	13	U	13	U	54	U	57	U	12	U
108-87-2	Methylcyclohexane	ug/kg	13	U	13	U	54	U	57	U	12	U
78-87-5	1,2-Dichloropropane	ug/kg	13	U	13	U	54	U	57	U	12	U
75-27-4	Bromodichloromethane	ug/kg	13	U	13	U	54	U	57	U	12	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	13	U	13	U	54	U	57	U	12	U
108-10-1	4-Methyl-2-pentanone	ug/kg	13	U	13	U	54	U	57	U	12	U

303779

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01		SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02		SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02		SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02		SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02	
108-88-3	Toluene	ug/kg	13	U	13	U	54	U	57	U	12	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	13	U	13	U	54	U	57	U	12	U
79-00-5	1,1,2-Trichloroethane	ug/kg	13	U	13	U	54	U	57	U	12	U
127-18-4	Tetrachloroethene	ug/kg	13	U	13	U	54	U	57	U	12	U
591-78-6	2-Hexanone	ug/kg	13	U	13	U	54	U	57	U	12	U
124-48-1	Dibromochloromethane	ug/kg	13	U	13	U	54	U	57	U	12	U
106-93-4	1,2-Dibromoethane	ug/kg	13	U	13	U	54	U	57	U	12	U
108-90-7	Chlorobenzene	ug/kg	13	U	13	U	54	U	57	U	12	U
100-41-4	Ethylbenzene	ug/kg	13	U	13	U	54	U	57	U	12	U
1330-20-7	Xylenes (total)	ug/kg	13	U	13	U	54	U	57	U	12	U
100-42-5	Styrene	ug/kg	13	U	13	U	54	U	57	U	12	U
75-25-2	Bromoform	ug/kg	13	U	13	U	54	U	57	U	12	U
98-82-8	Isopropylbenzene	ug/kg	13	U	13	U	54	U	57	U	12	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	13	U	13	U	54	U	57	U	12	U
541-73-1	1,3-Dichlorobenzene	ug/kg	13	U	13	U	54	U	57	U	12	U
106-46-7	1,4-Dichlorobenzene	ug/kg	13	U	13	U	54	U	57	U	12	U
95-50-1	1,2-Dichlorobenzene	ug/kg	13	U	13	U	54	U	57	U	12	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	13	U	13	U	54	U	57	U	12	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	13	U	13	U	54	U	57	U	12	U

303780

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01		SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02		SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02		SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02		SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
108-95-2	Phenol	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
95-57-8	2-Chlorophenol	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
95-48-7	2-Methylphenol	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
98-86-2	Acetophenone	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
106-44-5	4-Methylphenol	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
67-72-1	Hexachloroethene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
98-95-3	Nitrobenzene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
78-59-1	Isophorone	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
88-75-5	2-Nitrophenol	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
91-20-3	Naphthalene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
106-47-8	p-Chloroaniline	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
105-60-2	Caprolactam	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
91-57-6	2-Methylnaphthalene	ug/kg	420	U	48	J	360	UJ	380	UJ	400	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	420	UJ	350	UJ	360	UJ	380	UJ	400	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	1100	U	890	UJ	900	UJ	940	UJ	1000	UJ
92-52-4	1,1'-Biphenyl	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
91-58-7	2-Chloronaphthalene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
88-74-4	2-Nitroaniline	ug/kg	1100	U	890	UJ	900	UJ	940	UJ	1000	UJ
131-11-3	Dimethyl phthalate	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
208-96-8	Acenaphthylene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
99-09-2	3-Nitrooaniline	ug/kg	1100	U	890	UJ	900	UJ	940	UJ	1000	UJ
83-32-9	Acenaphthene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ

303781

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01		SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02		SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02		SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02		SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	1100	UJ	890	UJ	900	UJ	940	UJ	1000	UJ
100-02-7	4-Nitrophenol	ug/kg	1100	UJ	890	UJ	900	UJ	940	UJ	1000	UJ
132-64-9	Dibenzofuran	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
84-66-2	Diethyl phthalate	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
86-73-7	Fluorene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
100-01-6	P-Nitroaniline	ug/kg	1100	U	890	UJ	900	UJ	940	UJ	1000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1100	UJ	890	UJ	900	UJ	940	UJ	1000	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
118-74-1	Hexachlorobenzene	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
1912-24-9	Atrazine	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
87-86-5	Pentachlorophenol	ug/kg	1100	U	890	UJ	900	UJ	940	UJ	1000	UJ
85-01-8	Phenanthrene	ug/kg	420	U	160	J	360	UJ	110	J	400	UJ
120-12-7	Anthracene	ug/kg	420	U	47	J	360	UJ	380	UJ	400	UJ
86-74-8	Carbazole	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
84-74-2	Di-n-butylphthalate	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
206-44-0	Fluoranthene	ug/kg	420	U	530	J	360	UJ	150	J	400	UJ
129-00-0	Pyrene	ug/kg	420	U	570	J	360	UJ	120	J	400	UJ
85-68-7	Benzyl butyl phthalate	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
91-94-1	3,3'-Dichlorobenzidine	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
56-55-3	Benzo(a)anthracene	ug/kg	420	U	340	J	360	UJ	48	J	400	UJ
218-01-9	Chrysene	ug/kg	420	U	290	J	360	UJ	56	J	400	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	420	U	350	UJ	360	UJ	380	UJ	400	UJ
117-84-0	Di-n-octylphthalate	ug/kg	48	J	350	UJ	360	UJ	380	UJ	400	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	420	U	420	J	360	UJ	68	J	400	UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	420	U	110	J	360	UJ	380	UJ	400	UJ
50-32-8	Benzo(a)pyrene	ug/kg	420	U	280	J	360	UJ	50	J	400	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	420	U	140	J	360	UJ	380	UJ	400	UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	420	U	52	J	360	UJ	380	UJ	400	UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	420	U	160	J	360	UJ	380	UJ	400	UJ

303782

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01		SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02		SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02		SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02		SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.2	U	1.8	UJ	1.8	UJ	1.9	UJ	2.1	UJ
319-85-7	beta-BHC	ug/kg	2.2	U	1.8	U	1.8	U	1.9	U	2.1	U
319-86-8	delta-BHC	ug/kg	2.2	U	1.8	U	1.8	U	1.9	U	2.1	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.2	U	1.8	UJ	1.8	UJ	1.9	UJ	2.1	UJ
76-44-8	Heptachlor	ug/kg	2.2	U	1.8	U	1.8	U	1.9	U	2.1	U
309-00-2	Aldrin	ug/kg	2.2	U	1.8	U	1.8	U	1.9	U	2.1	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.2	U	1.8	U	1.8	U	1.9	U	2.1	U
959-98-8	Endosulfan I	ug/kg	2.2	U	1.8	U	1.8	U	1.9	U	2.1	U
60-57-1	Dieldrin	ug/kg	4.2	U	3.5	U	3.6	U	3.8	U	4	U
72-55-9	4,4'-DDE	ug/kg	4.2	U	3.5	U	3.6	U	3.8	U	4	U
72-20-8	Endrin	ug/kg	4.2	U	3.5	U	3.6	U	3.8	U	4	U
33213-65-9	Endosulfan II	ug/kg	4.2	U	3.5	U	3.6	U	3.8	U	4	U
72-54-8	4,4'-DDD	ug/kg	4.2	U	3.5	U	3.6	U	3.8	U	4	U
1031-07-8	Endosulfan Sulfate	ug/kg	4.2	U	3.5	U	3.6	U	3.8	U	4	U
50-29-3	4,4'-DDT	ug/kg	4.2	U	3.5	U	3.6	U	3.8	U	4	U
72-43-5	Methoxychlor	ug/kg	22	U	18	U	18	U	19	U	21	U
53494-70-5	Endrin Ketone	ug/kg	4.2	U	3.5	U	3.6	U	3.8	U	4	U
7421-93-4	Endrin Aldehyde	ug/kg	4.2	U	3.5	U	3.6	U	3.8	U	4	U
5103-71-9	alpha-Chlordane	ug/kg	2.2	U	1.8	UJ	1.8	UJ	1.9	UJ	2.1	UJ
5103-74-2	gamma-Chlordane	ug/kg	2.2	U	1.8	U	1.8	U	1.9	U	2.1	U
8001-35-2	Toxphene	ug/kg	220	U	180	U	180	U	190	U	210	U
12674-11-2	Aroclor-1016	ug/kg	42	U	35	U	36	U	38	U	40	U
11104-28-2	Aroclor-1221	ug/kg	86	U	72	U	73	U	76	U	82	U
11141-16-5	Aroclor-1232	ug/kg	42	U	35	U	36	U	38	U	40	U
53469-21-9	Aroclor-1242	ug/kg	42	U	35	U	36	U	38	U	40	U
12672-29-6	Aroclor-1248	ug/kg	42	U	35	U	36	U	38	U	40	U
11097-69-1	Aroclor-1254	ug/kg	42	U	35	U	36	U	38	U	40	U
11096-82-5	Aroclor-1260	ug/kg	42	U	35	U	36	U	38	U	40	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01		SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02		SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02		SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02		SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	6240		3930		5190		4900		5010	
7440-36-0	Antimony	mg/kg	0.89	U	0.75	UJ	0.82	UJ	0.85	UJ	0.86	UJ
7440-38-2	Arsenic	mg/kg	5.2		1.1	B	2.2	B	2.6		2.3	B
7440-39-3	Barium	mg/kg	17.8	B	8.4	B	9.9	B	10.9	B	12	B
7440-41-7	Beryllium	mg/kg	0.4	B	0.31	B	0.36	B	0.37	B	0.4	B
7440-43-9	Cadmium	mg/kg	0.1	U	0.08	U	0.09	U	0.09	U	0.09	U
7440-70-2	Calcium	mg/kg	1170	B	313	B	372	B	799	B	899	B
7440-47-3	Chromium	mg/kg	7.4	J	5		5.9		4.8		5.5	
7440-48-4	Cobalt	mg/kg	5.8	B	2.6	B	3.7	B	4.2	B	4.1	B
7440-50-8	Copper	mg/kg	17	J	5.3		10.3		13.3		13.7	
7439-89-6	Iron	mg/kg	15300		7420		9840		10300		11200	
7439-92-1	Lead	mg/kg	5.4		4.6		3.2		3.7		3.8	
7439-95-4	Magnesium	mg/kg	2010		980	B	1450		1600		1630	
7439-96-5	Manganese	mg/kg	494		180		209		390		413	
7439-97-6	Mercury	mg/kg	0.061	U	0.07	B	0.06	U	0.06	U	0.05	U
7440-02-0	Nickel	mg/kg	12.8		5.8	B	7.1	B	9.2	B	9	B
7440-09-7	Potassium	mg/kg	540	B	264	B	396	B	486	B	472	B
7782-49-2	Selenium	mg/kg	1.2	U	0.97	U	1.1	U	1.1	U	1.1	U
7440-22-4	Silver	mg/kg	0.24	U	0.2	U	0.22	U	0.23	U	0.23	U
7440-23-5	Sodium	mg/kg	307	BJ	197	BJ	257	BJ	231	BJ	250	BJ
7440-28-0	Thallium	mg/kg	1.3	UJ	1	UJ	1.2	UJ	1.2	UJ	1.2	UJ
7440-62-2	Vanadium	mg/kg	12.1		8.2	B	9.4	B	8.3	B	8.8	B
7440-66-6	Zinc	mg/kg	32.5	J	0	R	0	R	0	R	0	R

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Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01		SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02		SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02		SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02		SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	710		660	J	1600	J	1200	J	2100	J
GIS-110-012	Total Organic Carbon	mg/kg	551		962	J	480	J	465	J	664	J
12408-02-5	pH	S.U.	6.71		7.47		7.29		7.31		7.16	
Grain-85	**Grain - 3 members**											
No.4(4.75-mm	No. 4 (4.75-mm)	%	1.57		10.1		8.69		7.48		11.1	
No.10(2.00-mr	No. 10 (2.00-mm)	%	17.6		6.6		12.8		8.42		13.8	
No.40(0.425)	No. 40 (0.425)	%	20.9		28.6		13.4		11		18.3	
Grain-90	**Grain - 6 members**											
105	<105	%										
105-425	105-425	%										
425 - 500	425 - 500	%										
500 - 850	500 - 850	%										
850 - 2380	850 - 2380	%										
2380	>2380	%										

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02		SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03		SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03		SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03		SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	52	U	11	U	12	U	12	U	11	U
74-87-3	Chloromethane	ug/kg	52	U	11	U	12	U	12	U	11	U
75-01-4	Vinyl Chloride	ug/kg	52	U	11	U	12	U	12	U	11	U
74-83-9	Bromomethane	ug/kg	52	U	11	U	12	U	12	U	11	U
75-00-3	Chloroethane	ug/kg	52	U	11	U	12	U	12	U	11	U
75-69-4	Trichlorofluoromethane	ug/kg	52	U	11	UJ	12	UJ	12	UJ	11	U
75-35-4	1,1-Dichloroethene	ug/kg	52	U	11	U	12	U	12	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	52	U	11	UJ	12	UJ	12	UJ	11	U
67-64-1	Acetone	ug/kg	52	UJ	56	UJ	55	UJ	47	UJ	62	UJ
75-15-0	Carbon Disulfide	ug/kg	52	U	11	U	12	U	12	U	11	U
79-20-9	Methyl Acetate	ug/kg	52	UJ	11	U	12	U	12	U	11	U
75-09-2	Methylene Chloride	ug/kg	52	U	1	J	2	J	2	J	2	J
156-60-5	trans-1,2-Dichloroethene	ug/kg	52	U	11	U	12	U	12	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	52	U	11	U	12	U	12	U	11	U
75-34-3	1,1-Dichloroethane	ug/kg	52	U	11	U	12	U	12	U	11	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	52	U	11	U	12	U	12	U	11	U
78-93-3	2-Butanone	ug/kg	52	U	5	J	8	J	7	J	9	J
67-66-3	Chloroform	ug/kg	52	U	11	UJ	12	UJ	12	UJ	11	U
71-55-6	1,1,1-Trichloroethane	ug/kg	52	U	11	U	12	U	12	U	11	U
110-82-7	Cyclohexane	ug/kg	52	U	11	U	12	U	12	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	52	U	11	U	12	U	12	U	11	U
71-43-2	Benzene	ug/kg	52	U	11	U	12	U	12	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	52	U	11	U	12	U	12	U	11	U
79-01-6	Trichloroethene	ug/kg	52	U	11	U	12	U	12	U	11	U
108-87-2	Methylcyclohexane	ug/kg	52	U	11	U	12	U	12	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	52	U	11	U	12	U	12	U	11	U
75-27-4	Bromodichloromethane	ug/kg	52	U	11	U	12	U	12	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	52	U	11	U	12	U	12	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	52	U	11	U	5	J	12	U	11	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02		SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03		SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03		SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03		SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03	
108-88-3	Toluene	ug/kg	52	U	11	U	12	U	12	U	2	J
10061-02-6	trans-1,3-Dichloropropene	ug/kg	52	U	11	U	12	U	12	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	52	U	11	U	12	U	12	U	11	U
127-18-4	Tetrachloroethene	ug/kg	52	U	11	U	12	U	12	U	11	U
591-78-6	2-Hexanone	ug/kg	52	U	11	U	12	U	12	U	11	U
124-48-1	Dibromochloromethane	ug/kg	52	U	11	U	12	U	12	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	52	U	11	U	12	U	12	U	11	U
108-90-7	Chlorobenzene	ug/kg	52	U	11	U	12	U	12	U	11	U
100-41-4	Ethylbenzene	ug/kg	52	U	11	U	12	U	12	U	11	U
1330-20-7	Xylenes (total)	ug/kg	52	U	11	U	12	U	12	U	11	U
100-42-5	Styrene	ug/kg	52	U	11	U	12	U	12	U	11	U
75-25-2	Bromoform	ug/kg	52	U	11	U	12	U	12	U	11	U
98-82-8	Isopropylbenzene	ug/kg	52	U	11	U	12	U	12	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	52	U	11	U	12	U	12	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	52	U	11	U	12	U	12	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	52	U	11	U	12	U	12	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	52	U	11	U	12	U	12	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	52	U	11	U	12	U	12	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	52	U	11	U	12	U	12	U	11	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02		SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03		SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03		SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03		SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	410	UJ	360	U	350	U	350	U	410	U
108-95-2	Phenol	ug/kg	410	UJ	360	U	350	U	350	U	410	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	410	UJ	360	U	350	U	350	U	410	U
95-57-8	2-Chlorophenol	ug/kg	410	UJ	360	U	350	U	350	U	410	U
95-48-7	2-Methylphenol	ug/kg	410	UJ	360	U	350	U	350	U	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	410	UJ	360	U	350	U	350	U	410	U
98-86-2	Acetophenone	ug/kg	410	UJ	360	U	350	U	350	U	410	U
106-44-5	4-Methylphenol	ug/kg	410	UJ	360	U	350	U	350	U	410	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	410	UJ	360	U	350	U	350	U	410	U
67-72-1	Hexachloroethene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
98-95-3	Nitrobenzene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
78-59-1	Isophorone	ug/kg	410	UJ	360	U	350	U	350	U	410	U
88-75-5	2-Nitrophenol	ug/kg	410	UJ	360	U	350	U	350	U	410	U
105-67-9	2,4-Dimethylphenol	ug/kg	410	UJ	360	U	350	U	350	U	410	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	410	UJ	360	U	350	U	350	U	410	U
120-83-2	2,4-Dichlorophenol	ug/kg	410	UJ	360	U	350	U	350	U	410	U
91-20-3	Naphthalene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
106-47-8	p-Chloroaniline	ug/kg	410	UJ	360	U	350	U	350	U	410	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
105-60-2	Caprolactam	ug/kg	410	UJ	360	U	350	U	350	U	23	J
59-50-7	4-Chloro-3-methylphenol	ug/kg	410	UJ	360	U	350	U	350	U	410	U
91-57-6	2-Methylnaphthalene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	410	UJ	360	UJ	350	UJ	350	UJ	410	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	410	UJ	360	U	350	U	350	U	410	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	1000	UJ	900	U	890	U	890	U	1000	U
92-52-4	1,1'-Biphenyl	ug/kg	410	UJ	360	U	350	U	350	U	410	U
91-58-7	2-Chloronaphthalene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
88-74-4	2-Nitroaniline	ug/kg	1000	UJ	900	U	890	U	890	U	1000	U
131-11-3	Dimethyl phthalate	ug/kg	410	UJ	360	U	350	U	350	U	410	U
606-20-2	2,6-Dinitrotoluene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
208-96-8	Acenaphthylene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
99-09-2	3-Nitrooaniline	ug/kg	1000	UJ	900	U	890	U	890	U	1000	U
83-32-9	Acenaphthene	ug/kg	410	UJ	360	U	350	U	350	U	410	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02		SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03		SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03		SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03		SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	1000	UJ	900	UJ	890	UJ	890	UJ	1000	UJ
100-02-7	4-Nitrophenol	ug/kg	1000	UJ	900	UJ	890	UJ	890	UJ	1000	U
132-64-9	Dibenzofuran	ug/kg	410	UJ	360	U	350	U	350	U	410	U
121-14-2	2,4-Dinitrotoluene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
84-66-2	Diethyl phthalate	ug/kg	410	UJ	360	U	350	U	350	U	410	U
86-73-7	Fluorene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	410	UJ	360	U	350	U	350	U	410	U
100-01-6	P-Nitroaniline	ug/kg	1000	UJ	900	U	890	U	890	U	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1000	UJ	900	UJ	890	UJ	890	UJ	1000	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	410	UJ	360	U	350	U	350	U	410	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	410	UJ	360	U	350	U	350	U	410	U
118-74-1	Hexachlorobenzene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
1912-24-9	Atrazine	ug/kg	410	UJ	360	U	350	U	350	U	0	R
87-86-5	Pentachlorophenol	ug/kg	1000	UJ	900	U	890	U	890	U	1000	U
85-01-8	Phenanthrene	ug/kg	410	UJ	360	U	22	J	350	U	410	U
120-12-7	Anthracene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
86-74-8	Carbazole	ug/kg	410	UJ	360	U	350	U	350	U	410	U
84-74-2	Di-n-butylphthalate	ug/kg	410	UJ	360	U	350	U	350	U	410	U
206-44-0	Fluoranthene	ug/kg	58	J	52	J	350	U	350	U	12	J
129-00-0	Pyrene	ug/kg	46	J	39	J	350	U	350	U	410	U
85-68-7	Benzyl butyl phthalate	ug/kg	410	UJ	360	U	350	U	350	U	410	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	410	UJ	360	U	350	U	350	U	410	U
56-55-3	Benzo(a)anthracene	ug/kg	410	UJ	24	J	350	U	350	U	410	U
218-01-9	Chrysene	ug/kg	410	UJ	28	J	350	U	350	U	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	83	J	360	U	350	U	350	U	410	U
117-84-0	Di-n-octylphthalate	ug/kg	410	UJ	360	U	350	U	350	U	410	U
205-99-2	Benzo(b)fluoranthene	ug/kg	410	UJ	22	J	350	U	350	U	410	U
207-08-9	Benzo(k)fluoranthene	ug/kg	410	UJ	24	J	350	U	350	U	410	U
50-32-8	Benzo(a)pyrene	ug/kg	410	UJ	21	J	350	U	350	U	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	410	UJ	360	U	350	U	350	U	410	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	410	UJ	360	U	350	U	350	U	410	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02		SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03		SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03		SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03		SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.1	UJ	1.8	U	1.8	U	1.8	U	2.1	U
319-85-7	beta-BHC	ug/kg	2.1	U	1.8	U	1.8	U	1.8	U	2.1	U
319-86-8	delta-BHC	ug/kg	2.1	U	1.8	U	1.8	U	1.8	U	2.1	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.1	UJ	1.8	U	1.8	U	1.8	U	2.1	U
76-44-8	Heptachlor	ug/kg	2.1	U	1.8	U	1.8	U	1.8	U	2.1	U
309-00-2	Aldrin	ug/kg	2.1	U	1.8	U	1.8	U	1.8	U	2.1	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.1	U	1.8	U	1.8	U	1.8	U	2.1	U
959-98-8	Endosulfan I	ug/kg	2.1	U	1.8	U	1.8	U	1.8	U	2.1	U
60-57-1	Dieldrin	ug/kg	4.1	U	3.6	U	3.6	U	3.5	U	4.1	U
72-55-9	4,4'-DDE	ug/kg	4.1	U	3.6	U	3.6	U	3.5	U	4.1	U
72-20-8	Endrin	ug/kg	4.1	U	3.6	U	3.6	U	3.5	U	4.1	U
33213-65-9	Endosulfan II	ug/kg	4.1	U	3.6	U	3.6	U	3.5	U	4.1	U
72-54-8	4,4'-DDD	ug/kg	4.1	U	3.6	U	3.6	U	3.5	U	4.1	U
1031-07-8	Endosulfan Sulfate	ug/kg	4.1	U	3.6	U	3.6	U	3.5	U	4.1	U
50-29-3	4,4'-DDT	ug/kg	4.1	U	3.6	U	3.6	U	3.5	U	4.1	U
72-43-5	Methoxychlor	ug/kg	21	U	18	U	18	U	18	U	21	U
53494-70-5	Endrin Ketone	ug/kg	4.1	U	3.6	U	3.6	U	3.5	U	4.1	U
7421-93-4	Endrin Aldehyde	ug/kg	4.1	U	3.6	U	3.6	U	3.5	U	4.1	U
5103-71-9	alpha-Chlordane	ug/kg	2.1	UJ	1.8	U	1.8	U	1.8	U	2.1	U
5103-74-2	gamma-Chlordane	ug/kg	2.1	U	1.8	U	1.8	U	1.8	U	2.1	U
8001-35-2	Toxphene	ug/kg	210	U	180	U	180	U	180	U	210	U
12674-11-2	Aroclor-1016	ug/kg	41	U	36	U	36	U	35	U	41	U
11104-28-2	Aroclor-1221	ug/kg	84	U	73	U	73	U	72	U	84	U
11141-16-5	Aroclor-1232	ug/kg	41	U	36	U	36	U	35	U	41	U
53469-21-9	Aroclor-1242	ug/kg	41	U	36	U	36	U	35	U	41	U
12672-29-6	Aroclor-1248	ug/kg	41	U	36	U	36	U	120		41	U
11097-69-1	Aroclor-1254	ug/kg	41	U	36	U	36	U	35	U	41	U
11096-82-5	Aroclor-1260	ug/kg	41	U	36	U	36	U	35	U	41	U

303790

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02		SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03		SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03		SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03		SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	5750		4570		4400		3550		7960	
7440-36-0	Antimony	mg/kg	0.94	UJ	0.78	U	0.78	U	0.74	U	0.9	UJ
7440-38-2	Arsenic	mg/kg	3		1.2	B	0.74	B	1.5	B	2.7	
7440-39-3	Barium	mg/kg	15.1	B	25.1	B	17.9	B	8.6	B	19.2	B
7440-41-7	Beryllium	mg/kg	0.41	B	0.35	B	0.3	B	0.3	B	0.34	B
7440-43-9	Cadmium	mg/kg	0.1	U	0.08	U	0.09	U	0.08	U	0.1	U
7440-70-2	Calcium	mg/kg	1150	B	1100	J	897	B	383	B	594	B
7440-47-3	Chromium	mg/kg	6.3		5.1	J	5.3	J	3.9	J	8.7	
7440-48-4	Cobalt	mg/kg	5.1	B	2.6	B	2.1	B	3	B	6.3	B
7440-50-8	Copper	mg/kg	15.4		5.4	J	4.5	B	5.8	J	17	
7439-89-6	Iron	mg/kg	12900		7720		7090		7390		15300	
7439-92-1	Lead	mg/kg	5.1		5		3.3		2.8		4.8	
7439-95-4	Magnesium	mg/kg	1930		963	B	839	B	1110		2450	
7439-96-5	Manganese	mg/kg	466		349		203		183		442	J
7439-97-6	Mercury	mg/kg	0.05	B	0.054	U	0.052	BR	0.049	U	0.06	UJ
7440-02-0	Nickel	mg/kg	10.1	B	6.2	B	5.9	B	6.2	B	11.8	
7440-09-7	Potassium	mg/kg	517	B	225	B	200	B	310	B	706	B
7782-49-2	Selenium	mg/kg	1.2	U	1	U	1	U	0.95	U	1.2	U
7440-22-4	Silver	mg/kg	0.26	U	0.21	U	0.21	U	0.2	U	0.24	U
7440-23-5	Sodium	mg/kg	280	BJ	234	BJ	221	BJ	201	BJ	314	BJ
7440-28-0	Thallium	mg/kg	1.3	UJ	1.1	UJ	1.1	UJ	1	UJ	1.3	UJ
7440-62-2	Vanadium	mg/kg	10.6	B	7.6	B	6.8	B	7	B	12.8	
7440-66-6	Zinc	mg/kg	0	R	23.1	J	21.3	J	16.9	J	29.4	J

303791

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02		SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03	SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03	SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03	SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03
Add-I	**Additional Parameters**							
7440-23-5	Sodium	MEQ/kg	1600	J	640	580	320	590
GIS-110-012	Total Organic Carbon	mg/kg	920	J	6410	3390	1520	1050
12408-02-5	pH	S.U.	7		7.4	7.17	7.14	6.75
Grain-85	**Grain - 3 members**							
No.4(4.75-mm	No. 4 (4.75-mm)	%	25.3		4.5	1.28	3.29	15.4
No.10(2.00-mr	No. 10 (2.00-mm)	%	15.7		4.75	2.08	3.08	35.6
No.40(0.425)	No. 40 (0.425)	%	9.26		11	9.33	25.4	33.6
Grain-90	**Grain - 6 members**							
105	<105	%						
105-425	105-425	%						
425 - 500	425 - 500	%						
500 - 850	500 - 850	%						
850 - 2380	850 - 2380	%						
2380	>2380	%						

303792

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03		SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04		SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04		SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04		SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	13	U	49	U	11	U	58	U	11	UJ
74-87-3	Chloromethane	ug/kg	13	U	49	U	11	U	58	U	11	U
75-01-4	Vinyl Chloride	ug/kg	13	U	49	U	11	U	58	U	11	U
74-83-9	Bromomethane	ug/kg	13	U	49	U	11	U	58	U	11	U
75-00-3	Chloroethane	ug/kg	13	U	49	U	11	U	58	U	11	U
75-69-4	Trichlorofluoromethane	ug/kg	13	U	49	U	11	U	58	U	11	U
75-35-4	1,1-Dichloroethene	ug/kg	13	U	49	U	11	U	58	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	13	U	49	U	11	U	58	U	11	U
67-64-1	Acetone	ug/kg	19	UJ	49	UJ	11	UJ	58	UJ	11	U
75-15-0	Carbon Disulfide	ug/kg	13	U	49	U	11	U	58	U	11	U
79-20-9	Methyl Acetate	ug/kg	13	U	49	UJ	11	UJ	58	UJ	11	UJ
75-09-2	Methylene Chloride	ug/kg	2	J	49	U	11	U	58	U	6	J
156-60-5	trans-1,2-Dichloroethene	ug/kg	13	U	49	U	11	U	58	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	13	U	49	U	11	U	58	U	11	U
75-34-3	1,1-Dichloroethane	ug/kg	13	U	49	U	11	U	58	U	11	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	13	U	49	U	11	U	58	U	11	U
78-93-3	2-Butanone	ug/kg	4	J	49	U	11	U	58	U	11	U
67-66-3	Chloroform	ug/kg	13	U	49	U	11	U	58	U	11	U
71-55-6	1,1,1-Trichloroethane	ug/kg	13	U	49	U	11	U	58	U	11	U
110-82-7	Cyclohexane	ug/kg	13	U	49	U	11	U	58	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	13	U	49	U	11	U	58	U	11	U
71-43-2	Benzene	ug/kg	13	U	49	U	11	U	58	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	13	U	49	U	11	U	58	U	11	U
79-01-6	Trichloroethene	ug/kg	13	U	49	U	11	U	58	U	11	U
108-87-2	Methylcyclohexane	ug/kg	13	U	49	U	11	U	58	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	13	U	49	U	11	U	58	U	11	U
75-27-4	Bromodichloromethane	ug/kg	13	U	49	U	11	U	58	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	13	U	49	U	11	U	58	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	13	U	49	U	11	U	58	U	11	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03		SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04		SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04		SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04		SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04	
108-88-3	Toluene	ug/kg	2	J	49	U	11	U	58	U	11	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	13	U	49	U	11	U	58	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	13	U	49	U	11	U	58	U	11	U
127-18-4	Tetrachloroethene	ug/kg	13	U	49	U	11	U	58	U	11	U
591-78-6	2-Hexanone	ug/kg	13	U	49	U	11	U	58	U	11	U
124-48-1	Dibromochloromethane	ug/kg	13	U	49	U	11	U	58	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	13	U	49	U	11	U	58	U	11	U
108-90-7	Chlorobenzene	ug/kg	13	U	49	U	11	U	58	U	11	U
100-41-4	Ethylbenzene	ug/kg	13	U	49	U	11	U	58	U	11	U
1330-20-7	Xylenes (total)	ug/kg	13	U	49	U	11	U	58	U	11	U
100-42-5	Styrene	ug/kg	13	U	49	U	11	U	58	U	11	U
75-25-2	Bromoform	ug/kg	13	U	49	U	11	U	58	U	11	U
98-82-8	Isopropylbenzene	ug/kg	13	U	49	U	11	U	58	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	13	U	49	U	11	U	58	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	13	U	49	U	11	U	58	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	13	U	49	U	11	U	58	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	13	U	49	U	11	U	58	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	13	U	49	U	11	U	58	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	13	U	49	U	11	U	58	U	11	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03		SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04		SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04		SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04		SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
108-95-2	Phenol	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
95-57-8	2-Chlorophenol	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
95-48-7	2-Methylphenol	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
98-86-2	Acetophenone	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
106-44-5	4-Methylphenol	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
67-72-1	Hexachloroethene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
98-95-3	Nitrobenzene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
78-59-1	Isophorone	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
88-75-5	2-Nitrophenol	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
105-67-9	2,4-Dimethylphenol	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
120-83-2	2,4-Dichlorophenol	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
91-20-3	Naphthalene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
106-47-8	p-Chloroaniline	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	430	UJ	350	UJ	350	UJ	380	UJ	380	U
105-60-2	Caprolactam	ug/kg	430	UJ	350	UJ	350	UJ	380	UJ	380	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
91-57-6	2-Methylnaphthalene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	430	UJ	350	UJ	350	UJ	380	UJ	380	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	1100	U	890	UJ	880	UJ	950	UJ	940	U
92-52-4	1,1'-Biphenyl	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
91-58-7	2-Chloronaphthalene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
88-74-4	2-Nitroaniline	ug/kg	1100	U	890	UJ	880	UJ	950	UJ	940	U
131-11-3	Dimethyl phthalate	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
606-20-2	2,6-Dinitrotoluene	ug/kg	430	UJ	350	UJ	350	UJ	380	UJ	380	U
208-96-8	Acenaphthylene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
99-09-2	3-Nitrooaniline	ug/kg	1100	U	890	UJ	880	UJ	950	UJ	940	U
83-32-9	Acenaphthene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03		SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04		SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04		SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04		SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	1100	UJ	890	UJ	880	UJ	950	UJ	940	U
100-02-7	4-Nitrophenol	ug/kg	1100	UJ	890	UJ	880	UJ	950	UJ	940	UJ
132-64-9	Dibenzofuran	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
121-14-2	2,4-Dinitrotoluene	ug/kg	430	UJ	350	UJ	350	UJ	380	UJ	380	U
84-66-2	Diethyl phthalate	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
86-73-7	Fluorene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	430	UJ	350	UJ	350	UJ	380	UJ	380	U
100-01-6	P-Nitroaniline	ug/kg	1100	UJ	890	UJ	880	UJ	950	UJ	940	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1100	U	890	UJ	880	UJ	950	UJ	940	U
86-30-6	N-Nitrosodiphenylamine	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
118-74-1	Hexachlorobenzene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
1912-24-9	Atrazine	ug/kg	430	UJ	350	UJ	350	UJ	380	UJ	380	U
87-86-5	Pentachlorophenol	ug/kg	1100	UJ	890	UJ	880	UJ	950	UJ	940	U
85-01-8	Phenanthrene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
120-12-7	Anthracene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
86-74-8	Carbazole	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
84-74-2	Di-n-butylphthalate	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
206-44-0	Fluoranthene	ug/kg	430	U	48	J	350	UJ	380	UJ	380	U
129-00-0	Pyrene	ug/kg	430	U	44	J	350	UJ	380	UJ	380	U
85-68-7	Benzyl butyl phthalate	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	430	UJ	350	UJ	350	UJ	380	UJ	380	UJ
56-55-3	Benzo(a)anthracene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
218-01-9	Chrysene	ug/kg	430	U	37	J	350	UJ	380	UJ	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	490	U	350	UJ	350	UJ	380	UJ	380	U
117-84-0	Di-n-octylphthalate	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
205-99-2	Benzo(b)fluoranthene	ug/kg	430	U	39	J	350	UJ	380	UJ	380	U
207-08-9	Benzo(k)fluoranthene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
50-32-8	Benzo(a)pyrene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	430	U	350	UJ	350	UJ	380	UJ	380	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03		SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04		SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04		SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04		SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.2	U	1.8	UJ	1.8	UJ	2	UJ	1.9	UJ
319-85-7	beta-BHC	ug/kg	2.2	U	1.8	U	1.8	U	2	U	1.9	U
319-86-8	delta-BHC	ug/kg	2.2	U	1.8	U	1.8	U	2	U	1.9	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.2	U	1.8	UJ	1.8	UJ	2	UJ	1.9	UJ
76-44-8	Heptachlor	ug/kg	2.2	U	1.8	U	1.8	U	2	U	1.9	U
309-00-2	Aldrin	ug/kg	2.2	U	1.8	U	1.8	U	2	U	1.9	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.2	U	1.8	U	1.8	U	2	U	1.9	U
959-98-8	Endosulfan I	ug/kg	2.2	U	1.8	U	1.8	U	2	U	1.9	U
60-57-1	Dieldrin	ug/kg	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
72-55-9	4,4'-DDE	ug/kg	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
72-20-8	Endrin	ug/kg	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
33213-65-9	Endosulfan II	ug/kg	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
72-54-8	4,4'-DDD	ug/kg	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
1031-07-8	Endosulfan Sulfate	ug/kg	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
50-29-3	4,4'-DDT	ug/kg	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
72-43-5	Methoxychlor	ug/kg	22	U	18	U	18	U	20	U	19	U
53494-70-5	Endrin Ketone	ug/kg	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
7421-93-4	Endrin Aldehyde	ug/kg	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
5103-71-9	alpha-Chlordane	ug/kg	2.2	U	1.8	UJ	1.8	UJ	2	UJ	1.9	UJ
5103-74-2	gamma-Chlordane	ug/kg	2.2	U	1.8	U	1.8	U	2	U	1.9	U
8001-35-2	Toxphene	ug/kg	220	U	180	U	180	U	200	U	190	U
12674-11-2	Aroclor-1016	ug/kg	43	U	35	U	35	U	38	U	38	U
11104-28-2	Aroclor-1221	ug/kg	87	U	72	U	71	U	77	U	76	U
11141-16-5	Aroclor-1232	ug/kg	43	U	35	U	35	U	38	U	38	U
53469-21-9	Aroclor-1242	ug/kg	43	U	35	U	35	U	38	U	38	U
12672-29-6	Aroclor-1248	ug/kg	43	U	35	U	35	U	38	U	38	U
11097-69-1	Aroclor-1254	ug/kg	43	U	35	U	35	U	38	U	38	U
11096-82-5	Aroclor-1260	ug/kg	43	U	35	U	35	U	38	U	38	U

303797

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03		SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04		SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04		SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04		SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	6180		5100		3280		3300		3350	
7440-36-0	Antimony	mg/kg	0.98	UJ	0.77	UJ	0.77	UJ	0.77	UJ	0.77	UJ
7440-38-2	Arsenic	mg/kg	4.6		4		1	B	0.63	U	0.62	U
7440-39-3	Barium	mg/kg	25.2	B	30.5	B	10.1	B	8.1	B	8.5	B
7440-41-7	Beryllium	mg/kg	0.33	B	0.44	B	0.29	B	0.28	B	0.26	B
7440-43-9	Cadmium	mg/kg	0.11	U	0.09	B	0.08	U	0.08	U	0.08	U
7440-70-2	Calcium	mg/kg	919	B	16200		479	B	577	B	1390	J
7440-47-3	Chromium	mg/kg	7.5		7.7		3.5		4.4		4.4	
7440-48-4	Cobalt	mg/kg	6.1	B	5	B	2.3	B	2.2	B	2.3	B
7440-50-8	Copper	mg/kg	15.9		14.4		6.6		6.4		6.3	J
7439-89-6	Iron	mg/kg	15600		12900		7270		6590		6860	
7439-92-1	Lead	mg/kg	5.1		12.5		2.4		2.1		2.8	
7439-95-4	Magnesium	mg/kg	1900		8440		908	B	1180		1530	
7439-96-5	Manganese	mg/kg	491	J	282		195		107		121	
7439-97-6	Mercury	mg/kg	0.06	UJ	0.3		0.05	U	0.04	U	0.05	BJ
7440-02-0	Nickel	mg/kg	11.5		12.8		5.2	B	5.4	B	5.8	B
7440-09-7	Potassium	mg/kg	586	B	588	B	268	B	383	B	390	B
7782-49-2	Selenium	mg/kg	1.3	U	1	U	1	U	1	U	1	U
7440-22-4	Silver	mg/kg	0.27	U	0.21	U	0.21	U	0.21	U	0.21	U
7440-23-5	Sodium	mg/kg	277	BJ	395	BJ	245	BJ	245	BJ	259	BJ
7440-28-0	Thallium	mg/kg	1.4	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ
7440-62-2	Vanadium	mg/kg	12.3	B	9.4	B	6.9	B	6	B	6	B
7440-66-6	Zinc	mg/kg	30.1	J	150		0	R	0	R	0	R

303798

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03		SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04		SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04		SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04		SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	750		1200	J	1000	J	850	J	1000	J
GIS-110-012	Total Organic Carbon	mg/kg	812		9940	J	1090	J	550	J	578	J
12408-02-5	pH	S.U.	6.63		8.18		7.57		7.66		7.74	
Grain-85	**Grain - 3 members**											
No.4(4.75-mm	No. 4 (4.75-mm)	%	9.4		21.2		2.55		4.84		10.1	
No.10(2.00-mr	No. 10 (2.00-mm)	%	31.7		19.1		2.42		8.82		8.21	
No.40(0.425)	No. 40 (0.425)	%	23.2		29.2		29.4		27.8		24	
Grain-90	**Grain - 6 members**											
105	<105	%										
105-425	105-425	%										
425 - 500	425 - 500	%										
500 - 850	500 - 850	%										
850 - 2380	850 - 2380	%										
2380	>2380	%										

303799

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04		SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05		SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05		SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05		SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	11	UJ	10	UJ	11	UJ	11	UJ	12	UJ
74-87-3	Chloromethane	ug/kg	11	UJ	10	UJ	11	UJ	11	UJ	12	UJ
75-01-4	Vinyl Chloride	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
74-83-9	Bromomethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
75-00-3	Chloroethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
75-69-4	Trichlorofluoromethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
75-35-4	1,1-Dichloroethene	ug/kg	11	U	10	UJ	1	J	11	UJ	12	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
67-64-1	Acetone	ug/kg	11	UJ	10	UJ	11	UJ	11	UJ	12	UJ
75-15-0	Carbon Disulfide	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
79-20-9	Methyl Acetate	ug/kg	11	UJ	10	UJ	11	UJ	11	UJ	12	UJ
75-09-2	Methylene Chloride	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
75-34-3	1,1-Dichloroethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
78-93-3	2-Butanone	ug/kg	11	UJ	10	UJ	11	UJ	11	UJ	12	UJ
67-66-3	Chloroform	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
71-55-6	1,1,1-Trichloroethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
110-82-7	Cyclohexane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
56-23-5	Carbon Tetrachloride	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
71-43-2	Benzene	ug/kg	11	U	2	J	11	UJ	11	UJ	12	UJ
107-06-2	1,2-Dichloroethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
79-01-6	Trichloroethene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
108-87-2	Methylcyclohexane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
78-87-5	1,2-Dichloropropane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
75-27-4	Bromodichloromethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ

303800

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04		SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05		SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05		SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05		SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05	
108-88-3	Toluene	ug/kg	11	U	2	J	11	UJ	11	UJ	12	UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
127-18-4	Tetrachloroethene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
591-78-6	2-Hexanone	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
124-48-1	Dibromochloromethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
106-93-4	1,2-Dibromoethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
108-90-7	Chlorobenzene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
100-41-4	Ethylbenzene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
1330-20-7	Xylenes (total)	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
100-42-5	Styrene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
75-25-2	Bromoform	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
98-82-8	Isopropylbenzene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	U	10	UJ	11	UJ	11	UJ	12	UJ

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04		SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05		SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05		SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05		SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	400	U	0	R	0	R	0	R	0	R
108-95-2	Phenol	ug/kg	400	U	360	U	360	U	360	U	420	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	400	U	360	U	360	U	360	U	420	U
95-57-8	2-Chlorophenol	ug/kg	400	U	360	U	360	U	360	U	420	U
95-48-7	2-Methylphenol	ug/kg	400	U	360	U	360	U	360	U	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	400	U	360	UJ	360	U	360	U	420	U
98-86-2	Acetophenone	ug/kg	400	U	360	U	360	U	360	U	420	U
106-44-5	4-Methylphenol	ug/kg	400	U	360	U	360	U	360	U	420	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	400	U	360	U	360	U	360	U	420	U
67-72-1	Hexachloroethene	ug/kg	400	U	360	U	360	U	360	U	420	U
98-95-3	Nitrobenzene	ug/kg	400	U	360	U	360	U	360	U	420	U
78-59-1	Isophorone	ug/kg	400	U	360	U	360	U	360	U	420	U
88-75-5	2-Nitrophenol	ug/kg	400	U	360	U	360	U	360	U	420	U
105-67-9	2,4-Dimethylphenol	ug/kg	400	U	360	U	360	U	360	U	420	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	400	U	360	U	360	U	360	U	420	U
120-83-2	2,4-Dichlorophenol	ug/kg	400	U	360	U	360	U	360	U	420	U
91-20-3	Naphthalene	ug/kg	400	U	360	U	360	U	360	U	420	U
106-47-8	p-Chloroaniline	ug/kg	400	UJ	360	U	360	U	360	U	420	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	400	U	360	U	360	U	360	U	420	U
105-60-2	Caprolactam	ug/kg	400	U	360	U	360	U	360	U	420	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	400	U	360	U	360	U	360	U	420	U
91-57-6	2-Methylnaphthalene	ug/kg	400	U	360	U	360	U	360	U	420	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	400	U	360	U	360	U	360	U	420	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	400	U	360	U	360	U	360	U	420	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	1000	U	900	U	910	U	910	U	1100	U
92-52-4	1,1'-Biphenyl	ug/kg	400	U	360	U	360	U	360	U	420	U
91-58-7	2-Chloronaphthalene	ug/kg	400	U	360	U	360	U	360	U	420	U
88-74-4	2-Nitroaniline	ug/kg	1000	U	900	U	910	U	910	U	1100	U
131-11-3	Dimethyl phthalate	ug/kg	400	U	360	U	360	U	360	U	420	U
606-20-2	2,6-Dinitrotoluene	ug/kg	400	U	360	UJ	360	U	360	U	420	U
208-96-8	Acenaphthylene	ug/kg	400	U	360	U	360	U	360	U	420	U
99-09-2	3-Nitrooaniline	ug/kg	1000	U	900	UJ	910	UJ	910	UJ	1100	UJ
83-32-9	Acenaphthene	ug/kg	400	U	360	U	360	U	360	U	420	U

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04		SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05		SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05		SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05		SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	1000	U	0	R	0	R	0	R	0	R
100-02-7	4-Nitrophenol	ug/kg	1000	UJ	900	U	910	U	910	U	1100	U
132-64-9	Dibenzofuran	ug/kg	400	U	360	U	360	U	360	U	420	U
121-14-2	2,4-Dinitrotoluene	ug/kg	400	U	360	UJ	360	U	360	U	420	U
84-66-2	Diethyl phthalate	ug/kg	400	U	360	U	360	U	360	U	420	U
86-73-7	Fluorene	ug/kg	400	U	360	U	360	U	360	U	420	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	400	U	360	U	360	U	360	U	420	U
100-01-6	P-Nitroaniline	ug/kg	1000	U	900	UJ	910	UJ	910	UJ	1100	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1000	U	900	UJ	910	U	910	U	1100	U
86-30-6	N-Nitrosodiphenylamine	ug/kg	400	U	360	U	360	U	360	U	420	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	400	U	360	U	360	U	360	U	420	U
118-74-1	Hexachlorobenzene	ug/kg	400	U	360	U	360	U	360	U	420	U
1912-24-9	Atrazine	ug/kg	400	U	360	U	360	U	360	U	420	U
87-86-5	Pentachlorophenol	ug/kg	1000	U	900	U	910	UJ	910	UJ	1100	UJ
85-01-8	Phenanthrene	ug/kg	400	U	360	U	360	U	360	U	420	U
120-12-7	Anthracene	ug/kg	400	U	360	U	360	U	360	U	420	U
86-74-8	Carbazole	ug/kg	400	U	360	U	360	UJ	360	UJ	420	UJ
84-74-2	Di-n-butylphthalate	ug/kg	400	U	360	U	360	U	360	U	420	U
206-44-0	Fluoranthene	ug/kg	400	U	360	U	360	U	360	U	420	U
129-00-0	Pyrene	ug/kg	400	U	37	J	42	J	360	U	420	U
85-68-7	Benzyl butyl phthalate	ug/kg	400	U	360	UJ	360	U	360	U	420	U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	400	UJ	360	UJ	360	UJ	360	UJ	420	UJ
56-55-3	Benzo(a)anthracene	ug/kg	400	U	360	U	360	U	360	U	420	U
218-01-9	Chrysene	ug/kg	400	U	41	J	360	U	360	U	420	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	400	U	58	J	83	J	360	U	420	U
117-84-0	Di-n-octylphthalate	ug/kg	400	U	360	UJ	360	UJ	360	UJ	420	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	400	U	360	U	360	U	360	U	420	U
207-08-9	Benzo(k)fluoranthene	ug/kg	400	U	360	U	360	U	360	U	420	U
50-32-8	Benzo(a)pyrene	ug/kg	400	U	360	U	360	U	360	U	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	400	U	360	U	360	U	360	U	420	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	400	U	360	U	360	U	360	U	420	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	400	U	360	U	360	U	360	U	420	U

303803

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04		SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05		SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05		SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05		SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.1	UJ	1.8	U	1.9	U	1.9	U	2.2	U
319-85-7	beta-BHC	ug/kg	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
319-86-8	delta-BHC	ug/kg	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.1	UJ	1.8	U	1.9	U	1.9	U	2.2	U
76-44-8	Heptachlor	ug/kg	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
309-00-2	Aldrin	ug/kg	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
959-98-8	Endosulfan I	ug/kg	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
60-57-1	Dieldrin	ug/kg	4	U	3.6	U	3.6	U	3.6	U	4.2	U
72-55-9	4,4'-DDE	ug/kg	4	U	3.6	U	3.6	U	3.6	U	4.2	U
72-20-8	Endrin	ug/kg	4	U	3.6	U	3.6	U	3.6	U	4.2	U
33213-65-9	Endosulfan II	ug/kg	4	U	3.6	U	3.6	U	3.6	U	4.2	U
72-54-8	4,4'-DDD	ug/kg	4	U	3.6	U	3.6	U	3.6	U	4.2	U
1031-07-8	Endosulfan Sulfate	ug/kg	4	U	3.6	U	3.6	U	3.6	U	4.2	U
50-29-3	4,4'-DDT	ug/kg	4	U	3.6	U	3.6	U	3.6	U	4.2	U
72-43-5	Methoxychlor	ug/kg	21	U	18	U	19	U	19	U	22	U
53494-70-5	Endrin Ketone	ug/kg	4	U	3.6	U	3.6	U	3.6	U	4.2	U
7421-93-4	Endrin Aldehyde	ug/kg	4	U	3.6	U	3.6	U	3.6	U	4.2	U
5103-71-9	alpha-Chlordane	ug/kg	2.1	UJ	1.8	U	1.9	U	1.9	U	2.2	U
5103-74-2	gamma-Chlordane	ug/kg	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
8001-35-2	Toxphene	ug/kg	210	U	180	U	190	U	190	U	220	U
12674-11-2	Aroclor-1016	ug/kg	40	U	36	U	36	U	36	U	42	U
11104-28-2	Aroclor-1221	ug/kg	82	U	73	U	74	U	74	U	85	U
11141-16-5	Aroclor-1232	ug/kg	40	U	36	U	36	U	36	U	42	U
53469-21-9	Aroclor-1242	ug/kg	40	U	36	U	36	U	36	U	42	U
12672-29-6	Aroclor-1248	ug/kg	40	U	36	U	36	U	36	U	42	U
11097-69-1	Aroclor-1254	ug/kg	40	U	36	U	36	U	36	U	42	U
11096-82-5	Aroclor-1260	ug/kg	40	U	36	U	36	U	36	U	42	U

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04		SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05		SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05		SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05		SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	5270		6550		5140		5130		4860	
7440-36-0	Antimony	mg/kg	0.83	UJ	1.7	B	0.78	U	0.77	U	0.79	U
7440-38-2	Arsenic	mg/kg	2.3		5.3		3.6		2.8		5.1	
7440-39-3	Barium	mg/kg	15.1	B	52.4		27.6	B	24.8	B	30	B
7440-41-7	Beryllium	mg/kg	0.4	B	0.4	B	0.39	B	0.35	B	0.36	B
7440-43-9	Cadmium	mg/kg	0.09	U	4.1		0.44	B	4		0.74	B
7440-70-2	Calcium	mg/kg	2970		6770		1950		2190		1690	
7440-47-3	Chromium	mg/kg	8.3		16.6	J	6.5	J	6.7	J	6.1	J
7440-48-4	Cobalt	mg/kg	3	B	9.3	B	4.5	B	4.4	B	3.1	B
7440-50-8	Copper	mg/kg	13.1		53.4		24.2		22.9		17.9	
7439-89-6	Iron	mg/kg	11500		55500		12900		12200		13900	
7439-92-1	Lead	mg/kg	4.3		36.2		25.9		26.3		39.6	
7439-95-4	Magnesium	mg/kg	2490		4320		1550		1960		1430	
7439-96-5	Manganese	mg/kg	131		1760		553		307		349	
7439-97-6	Mercury	mg/kg	0.07	B	33.1		7.7		3.8		7.8	
7440-02-0	Nickel	mg/kg	7.6	B	421		52.8		32.6		44.3	
7440-09-7	Potassium	mg/kg	484	B	700	BE	433	BE	496	BE	496	BE
7782-49-2	Selenium	mg/kg	1.1	U	0.89	U	0.89	U	0.88	U	0.9	U
7440-22-4	Silver	mg/kg	0.23	U	14.7	NJ	0.64	BNJ	0.38	BNJ	3.7	NJ
7440-23-5	Sodium	mg/kg	282	BJ	68	B	64.7	B	68.6	B	54.7	B
7440-28-0	Thallium	mg/kg	1.2	UJ	1.1	U	1.1	U	1	U	1.1	U
7440-62-2	Vanadium	mg/kg	12.1		12.6		11.3		10.7	B	11.5	
7440-66-6	Zinc	mg/kg	28.1		8600		1610		677		607	

303805

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04		SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05		SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05		SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05		SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	1700	J	520	J	730	J	650	J	810	J
GIS-110-012	Total Organic Carbon	mg/kg	774	J	18100	J	10100	J	12300	J	12400	J
12408-02-5	pH	S.U.	7.48		7.52		7.4		7.65		7.66	
Grain-85	**Grain - 3 members**											
No.4(4.75-mm	No. 4 (4.75-mm)	%	38.1									
No.10(2.00-mr	No. 10 (2.00-mm)	%	26.7									
No.40(0.425)	No. 40 (0.425)	%	11.7									
Grain-90	**Grain - 6 members**											
105	<105	%			14.8		30.8		19.9		23.1	
105-425	105-425	%			36.6		57.1		62.4		59.9	
425 - 500	425 - 500	%			3.14		1.53		1.64		1.5	
500 - 850	500 - 850	%			10.2		3.88		4.08		3.23	
850 - 2380	850 - 2380	%			18		3.62		5.21		2.49	
2380	>2380	%			17.2		3.05		6.73		9.69	

303806

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05		SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06		SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06		SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06		SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
74-87-3	Chloromethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
75-01-4	Vinyl Chloride	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
74-83-9	Bromomethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
75-00-3	Chloroethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
75-69-4	Trichlorofluoromethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
75-35-4	1,1-Dichloroethene	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
67-64-1	Acetone	ug/kg	10	UJ	120	UJ	70	U	11	U	53	U
75-15-0	Carbon Disulfide	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
79-20-9	Methyl Acetate	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
75-09-2	Methylene Chloride	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
75-34-3	1,1-Dichloroethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
78-93-3	2-Butanone	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
67-66-3	Chloroform	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
71-55-6	1,1,1-Trichloroethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
110-82-7	Cyclohexane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
56-23-5	Carbon Tetrachloride	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
71-43-2	Benzene	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U
107-06-2	1,2-Dichloroethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
79-01-6	Trichloroethene	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
108-87-2	Methylcyclohexane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
78-87-5	1,2-Dichloropropane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
75-27-4	Bromodichloromethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
108-10-1	4-Methyl-2-pentanone	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05		SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06		SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06		SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06		SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06	
108-88-3	Toluene	ug/kg	10	UJ	1	J	10	UJ	11	U	14	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
79-00-5	1,1,2-Trichloroethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
127-18-4	Tetrachloroethene	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
591-78-6	2-Hexanone	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
124-48-1	Dibromochloromethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
106-93-4	1,2-Dibromoethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
108-90-7	Chlorobenzene	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U
100-41-4	Ethylbenzene	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U
1330-20-7	Xylenes (total)	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U
100-42-5	Styrene	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U
75-25-2	Bromoform	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
98-82-8	Isopropylbenzene	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
541-73-1	1,3-Dichlorobenzene	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U
106-46-7	1,4-Dichlorobenzene	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U
95-50-1	1,2-Dichlorobenzene	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	10	UJ	10	UJ	10	U	11	U	14	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	10	UJ	10	UJ	10	UJ	11	U	14	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05		SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06		SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06		SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06		SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	0	R	0	R	0	R	0	R	0	R
108-95-2	Phenol	ug/kg	360	U	350	U	370	U	360	U	370	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	360	U	350	U	370	U	360	U	370	U
95-57-8	2-Chlorophenol	ug/kg	360	U	350	U	370	U	360	U	370	U
95-48-7	2-Methylphenol	ug/kg	360	U	350	U	370	U	360	U	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	360	U	350	U	370	U	360	U	370	U
98-86-2	Acetophenone	ug/kg	360	U	350	U	370	U	360	U	370	U
106-44-5	4-Methylphenol	ug/kg	360	U	350	U	370	U	360	U	370	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	360	U	350	U	370	U	360	U	370	U
67-72-1	Hexachloroethene	ug/kg	360	U	350	U	370	U	360	U	370	U
98-95-3	Nitrobenzene	ug/kg	360	U	350	U	370	U	360	U	370	U
78-59-1	Isophorone	ug/kg	360	U	350	U	370	U	360	U	370	U
88-75-5	2-Nitrophenol	ug/kg	360	U	350	U	370	U	360	U	370	U
105-67-9	2,4-Dimethylphenol	ug/kg	360	U	350	U	370	U	360	U	370	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	360	U	350	U	370	U	360	U	370	U
120-83-2	2,4-Dichlorophenol	ug/kg	360	U	350	U	370	U	360	U	370	U
91-20-3	Naphthalene	ug/kg	360	U	47	J	370	U	360	U	370	U
106-47-8	p-Chloroaniline	ug/kg	360	U	350	U	370	U	360	U	370	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	360	U	350	U	370	U	360	U	370	U
105-60-2	Caprolactam	ug/kg	360	U	350	U	370	U	360	U	370	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	360	U	350	U	370	U	360	U	370	U
91-57-6	2-Methylnaphthalene	ug/kg	360	U	350	U	370	U	360	U	370	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	360	U	350	U	370	U	360	U	370	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	360	U	350	U	370	U	360	U	370	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	910	U	890	U	930	U	900	U	920	U
92-52-4	1,1'-Biphenyl	ug/kg	360	U	350	U	370	U	360	U	370	U
91-58-7	2-Chloronaphthalene	ug/kg	360	U	350	U	370	U	360	U	370	U
88-74-4	2-Nitroaniline	ug/kg	910	U	890	U	930	U	900	U	920	U
131-11-3	Dimethyl phthalate	ug/kg	360	U	350	U	370	U	360	U	370	U
606-20-2	2,6-Dinitrotoluene	ug/kg	360	U	350	U	370	U	360	U	370	U
208-96-8	Acenaphthylene	ug/kg	360	U	350	U	370	U	360	U	370	U
99-09-2	3-Nitroaniline	ug/kg	910	UJ	890	UJ	930	UJ	900	UJ	920	UJ
83-32-9	Acenaphthene	ug/kg	360	U	350	U	370	U	360	U	370	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05		SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06		SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06		SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06		SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	0	R	0	R	0	R	0	R	0	R
100-02-7	4-Nitrophenol	ug/kg	910	U	890	U	930	U	900	U	920	U
132-64-9	Dibenzofuran	ug/kg	360	U	350	U	370	U	360	U	370	U
121-14-2	2,4-Dinitrotoluene	ug/kg	360	U	350	U	370	U	360	U	370	U
84-66-2	Diethyl phthalate	ug/kg	360	U	350	U	370	U	360	U	370	U
86-73-7	Fluorene	ug/kg	360	U	350	U	370	U	360	U	370	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	360	U	350	U	370	U	360	U	370	U
100-01-6	P-Nitroaniline	ug/kg	910	UJ	890	UJ	930	UJ	900	UJ	920	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	910	U	890	U	930	U	900	U	920	U
86-30-6	N-Nitrosodiphenylamine	ug/kg	360	U	350	U	370	U	360	U	370	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	360	U	350	U	370	U	360	U	370	U
118-74-1	Hexachlorobenzene	ug/kg	360	U	350	U	370	U	360	U	370	U
1912-24-9	Atrazine	ug/kg	360	U	350	U	370	U	360	U	370	U
87-86-5	Pentachlorophenol	ug/kg	910	UJ	890	UJ	930	UJ	900	UJ	920	UJ
85-01-8	Phenanthrene	ug/kg	360	U	350	U	180	J	37	J	140	J
120-12-7	Anthracene	ug/kg	360	U	350	U	54	J	360	U	370	U
86-74-8	Carbazole	ug/kg	360	UJ	350	UJ	370	UJ	360	UJ	370	UJ
84-74-2	Di-n-butylphthalate	ug/kg	360	U	350	U	370	U	360	U	370	U
206-44-0	Fluoranthene	ug/kg	360	U	350	U	300	J	360	U	150	J
129-00-0	Pyrene	ug/kg	46	J	350	U	280	J	41	J	160	J
85-68-7	Benzyl butyl phthalate	ug/kg	360	U	350	U	370	U	360	U	370	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	360	UJ	350	UJ	370	UJ	360	UJ	370	UJ
56-55-3	Benzo(a)anthracene	ug/kg	360	U	350	U	160	J	360	U	72	J
218-01-9	Chrysene	ug/kg	44	J	350	U	150	J	360	U	90	J
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	360	U	350	U	370	U	45	J	61	J
117-84-0	Di-n-octylphthalate	ug/kg	360	UJ	350	UJ	370	UJ	360	UJ	370	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	360	U	350	U	110	J	360	U	56	J
207-08-9	Benzo(k)fluoranthene	ug/kg	360	U	350	U	120	J	360	U	48	J
50-32-8	Benzo(a)pyrene	ug/kg	360	U	350	U	130	J	360	U	44	J
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	360	U	350	U	76	J	360	U	370	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	360	U	350	U	370	U	360	U	370	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	360	U	350	U	370	U	360	U	370	U

303810

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05		SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06		SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06		SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06		SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
319-85-7	beta-BHC	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
319-86-8	delta-BHC	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
76-44-8	Heptachlor	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
309-00-2	Aldrin	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
1024-57-3	Heptachlor Epoxide	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
959-98-8	Endosulfan I	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
60-57-1	Dieldrin	ug/kg	3.6	U	3.5	U	3.7	U	3.6	U	3.7	U
72-55-9	4,4'-DDE	ug/kg	3.6	U	3.5	U	3.7	U	3.6	U	3.7	U
72-20-8	Endrin	ug/kg	3.6	U	3.5	U	3.7	U	3.6	U	3.7	U
33213-65-9	Endosulfan II	ug/kg	3.6	U	3.5	U	3.7	U	3.6	U	3.7	U
72-54-8	4,4'-DDD	ug/kg	3.6	U	3.5	U	3.7	U	3.6	U	3.7	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.6	U	3.5	U	3.7	U	3.6	U	3.7	U
50-29-3	4,4'-DDT	ug/kg	3.6	U	3.5	U	3.7	U	3.6	U	3.7	U
72-43-5	Methoxychlor	ug/kg	19	U	18	U	19	U	18	U	19	U
53494-70-5	Endrin Ketone	ug/kg	3.6	U	3.5	U	3.7	U	3.6	U	3.7	U
7421-93-4	Endrin Aldehyde	ug/kg	3.6	U	3.5	U	3.7	U	3.6	U	3.7	U
5103-71-9	alpha-Chlordane	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
5103-74-2	gamma-Chlordane	ug/kg	1.9	U	1.8	U	1.9	U	1.8	U	1.9	U
8001-35-2	Toxphene	ug/kg	190	U	180	U	190	U	180	U	190	U
12674-11-2	Aroclor-1016	ug/kg	36	U	35	U	37	U	36	U	37	U
11104-28-2	Aroclor-1221	ug/kg	74	U	72	U	75	U	73	U	74	U
11141-16-5	Aroclor-1232	ug/kg	36	U	35	U	37	U	36	U	37	U
53469-21-9	Aroclor-1242	ug/kg	36	U	35	U	37	U	36	U	37	U
12672-29-6	Aroclor-1248	ug/kg	36	U	35	U	37	U	36	U	37	U
11097-69-1	Aroclor-1254	ug/kg	36	U	35	U	37	U	36	U	37	U
11096-82-5	Aroclor-1260	ug/kg	36	U	35	U	37	U	36	U	37	U

303811

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05		SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06		SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06		SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06		SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	11900		6830		4360		3790		4040	
7440-36-0	Antimony	mg/kg	0.9	U	0.77	U	0.79	U	0.78	U	0.79	U
7440-38-2	Arsenic	mg/kg	7.8		4.3		4.6		6.8		8.7	
7440-39-3	Barium	mg/kg	58.8		57.2		20.5	B	39.3	B	43	B
7440-41-7	Beryllium	mg/kg	0.71	B	0.41	B	0.29	B	0.3	B	0.44	B
7440-43-9	Cadmium	mg/kg	0.1	U	0.09	U	0.09	U	0.09	U	0.09	U
7440-70-2	Calcium	mg/kg	2160		2380		505	B	4330		6640	
7440-47-3	Chromium	mg/kg	13.6	J	8.7	J	5.1	J	5.9	J	5.3	J
7440-48-4	Cobalt	mg/kg	12.8		6.2	B	4.3	B	3.7	B	4	B
7440-50-8	Copper	mg/kg	28.3		24.4		39.3		27.1		51.5	
7439-89-6	Iron	mg/kg	25100		15700		14000		23500		14700	
7439-92-1	Lead	mg/kg	13		17		75.4		22.7		17.3	
7439-95-4	Magnesium	mg/kg	3560		2560		1750		2210		3440	
7439-96-5	Manganese	mg/kg	697		534		251		168		269	
7439-97-6	Mercury	mg/kg	0.55		0.47		0.22	J	0.12	J	0.1	BJ
7440-02-0	Nickel	mg/kg	26.2		12.6		11.5		7.8	B	6.5	B
7440-09-7	Potassium	mg/kg	1310	EJ	542	BE	338	BE	355	BE	343	BE
7782-49-2	Selenium	mg/kg	1	U	0.87	U	0.9	U	0.89	U	0.9	U
7440-22-4	Silver	mg/kg	0.22	UNJ	0.19	UNJ	0.2	UNJ	0.19	UNJ	0.2	UNJ
7440-23-5	Sodium	mg/kg	148	B	65.6	B	79	B	71.3	B	65.9	B
7440-28-0	Thallium	mg/kg	1.2	U	1	U	1.1	U	1.1	U	1.7	BJ
7440-62-2	Vanadium	mg/kg	21.2		12.5		9	B	11.9		11.1	
7440-66-6	Zinc	mg/kg	0	R	0	R	0	R	0	R	0	R

303812

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05		SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06		SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06		SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06		SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06	
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	1500	J	610	J	330	J	590	J	250	J
GIS-110-012	Total Organic Carbon	mg/kg	1550	J	13200	J	20500	J	155000	J	65600	J
12408-02-5	pH	S.U.	7.09		7.07		6.63		7.15		5.11	
Grain-85	**Grain - 3 members**											
No.4(4.75-mm	No. 4 (4.75-mm)	%										
No.10(2.00-mr	No. 10 (2.00-mm)	%										
No.40(0.425)	No. 40 (0.425)	%										
Grain-90	**Grain - 6 members**											
105	<105	%	21.7		16.5		14.9		14.5		16.7	
105-425	105-425	%	48.3		51.7		79.6		53		55.2	
425 - 500	425 - 500	%	3.73		2.67		1.11		1.64		1.56	
500 - 850	500 - 850	%	12.6		7.23		1.37		4.01		3.53	
850 - 2380	850 - 2380	%	12.3		11.4		1.35		10.1		6.46	
2380	>2380	%	1.4		10.6		1.6		16.7		16.6	

303813

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06		SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06	
VOA-s	**Volatile Organics**					
75-71-8	Dichlorodifluoromethane	ug/kg	11	U	14	U
74-87-3	Chloromethane	ug/kg	11	U	14	U
75-01-4	Vinyl Chloride	ug/kg	11	U	14	U
74-83-9	Bromomethane	ug/kg	11	U	14	U
75-00-3	Chloroethane	ug/kg	11	U	14	U
75-69-4	Trichlorofluoromethane	ug/kg	11	U	14	U
75-35-4	1,1-Dichloroethene	ug/kg	11	U	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	U	14	U
67-64-1	Acetone	ug/kg	11	U	120	U
75-15-0	Carbon Disulfide	ug/kg	11	U	8	J
79-20-9	Methyl Acetate	ug/kg	11	U	14	U
75-09-2	Methylene Chloride	ug/kg	11	U	14	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	U	14	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	U	14	U
75-34-3	1,1-Dichloroethane	ug/kg	11	U	14	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	U	14	U
78-93-3	2-Butanone	ug/kg	11	U	14	U
67-66-3	Chloroform	ug/kg	11	U	14	U
71-55-6	1,1,1-Trichloroethane	ug/kg	11	U	14	U
110-82-7	Cyclohexane	ug/kg	11	U	14	U
56-23-5	Carbon Tetrachloride	ug/kg	11	U	14	U
71-43-2	Benzene	ug/kg	11	UJ	14	UJ
107-06-2	1,2-Dichloroethane	ug/kg	11	U	14	U
79-01-6	Trichloroethene	ug/kg	11	U	14	U
108-87-2	Methylcyclohexane	ug/kg	11	U	14	U
78-87-5	1,2-Dichloropropane	ug/kg	11	U	14	U
75-27-4	Bromodichloromethane	ug/kg	11	U	14	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	U	14	U
108-10-1	4-Methyl-2-pentanone	ug/kg	11	U	14	U

303814

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06		SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06	
108-88-3	Toluene	ug/kg	11	UJ	14	UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	U	14	U
79-00-5	1,1,2-Trichloroethane	ug/kg	11	U	14	U
127-18-4	Tetrachloroethene	ug/kg	11	U	14	U
591-78-6	2-Hexanone	ug/kg	11	U	14	U
124-48-1	Dibromochloromethane	ug/kg	11	U	14	U
106-93-4	1,2-Dibromoethane	ug/kg	11	U	14	U
108-90-7	Chlorobenzene	ug/kg	11	UJ	14	UJ
100-41-4	Ethylbenzene	ug/kg	11	UJ	14	UJ
1330-20-7	Xylenes (total)	ug/kg	11	UJ	14	UJ
100-42-5	Styrene	ug/kg	11	UJ	14	UJ
75-25-2	Bromoform	ug/kg	11	U	14	U
98-82-8	Isopropylbenzene	ug/kg	11	UJ	14	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	U	14	U
541-73-1	1,3-Dichlorobenzene	ug/kg	11	UJ	14	UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	11	UJ	14	UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	11	UJ	14	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	U	14	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	UJ	14	UJ

303815

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06		SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06	
SV-1-s	**SemiVolatile Organics - Page 1**					
100-52-7	Benzaldehyde	ug/kg	0	R	0	R
108-95-2	Phenol	ug/kg	350	U	350	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	350	U	350	U
95-57-8	2-Chlorophenol	ug/kg	350	U	350	U
95-48-7	2-Methylphenol	ug/kg	350	U	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	350	U	350	U
98-86-2	Acetophenone	ug/kg	350	U	350	U
106-44-5	4-Methylphenol	ug/kg	350	U	350	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	350	U	350	U
67-72-1	Hexachloroethene	ug/kg	350	U	350	U
98-95-3	Nitrobenzene	ug/kg	350	U	350	U
78-59-1	Isophorone	ug/kg	350	U	350	U
88-75-5	2-Nitrophenol	ug/kg	350	U	350	U
105-67-9	2,4-Dimethylphenol	ug/kg	350	U	350	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	350	U	350	U
120-83-2	2,4-Dichlorophenol	ug/kg	350	U	350	U
91-20-3	Naphthalene	ug/kg	350	U	350	U
106-47-8	p-Chloroaniline	ug/kg	350	U	350	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	350	U	350	U
105-60-2	Caprolactam	ug/kg	350	U	350	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	350	U	350	U
91-57-6	2-Methylnaphthalene	ug/kg	350	U	350	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	350	U	350	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	350	U	350	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	870	U	890	U
92-52-4	1,1'-Biphenyl	ug/kg	350	U	350	U
91-58-7	2-Chloronaphthalene	ug/kg	350	U	350	U
88-74-4	2-Nitroaniline	ug/kg	870	U	890	U
131-11-3	Dimethyl phthalate	ug/kg	350	U	350	U
606-20-2	2,6-Dinitrotoluene	ug/kg	350	U	350	U
208-96-8	Acenaphthylene	ug/kg	350	U	350	U
99-09-2	3-Nitrooaniline	ug/kg	870	UJ	890	UJ
83-32-9	Acenaphthene	ug/kg	350	U	350	U

303816

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06		SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06	
SV-2-s	**SemiVolatile Organics - Page 2**					
51-28-5	2,4-Dinitrophenol	ug/kg	0	R	0	R
100-02-7	4-Nitrophenol	ug/kg	870	U	890	U
132-64-9	Dibenzofuran	ug/kg	350	U	350	U
121-14-2	2,4-Dinitrotoluene	ug/kg	350	U	350	U
84-66-2	Diethyl phthalate	ug/kg	350	U	350	U
86-73-7	Fluorene	ug/kg	350	U	350	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	350	U	350	U
100-01-6	P-Nitroaniline	ug/kg	870	UJ	890	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	870	U	890	U
86-30-6	N-Nitrosodiphenylamine	ug/kg	350	U	350	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	350	U	350	U
118-74-1	Hexachlorobenzene	ug/kg	350	U	350	U
1912-24-9	Atrazine	ug/kg	350	U	350	U
87-86-5	Pentachlorophenol	ug/kg	870	UJ	890	UJ
85-01-8	Phenanthrene	ug/kg	350	U	350	U
120-12-7	Anthracene	ug/kg	350	U	350	U
86-74-8	Carbazole	ug/kg	350	UJ	350	UJ
84-74-2	Di-n-butylphthalate	ug/kg	58	J	350	U
206-44-0	Fluoranthene	ug/kg	350	U	350	U
129-00-0	Pyrene	ug/kg	350	U	350	U
85-68-7	Benzyl butyl phthalate	ug/kg	350	U	350	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	350	UJ	350	UJ
56-55-3	Benzo(a)anthracene	ug/kg	350	U	350	U
218-01-9	Chrysene	ug/kg	350	U	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	350	U	350	U
117-84-0	Di-n-octylphthalate	ug/kg	350	UJ	350	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	350	U	350	U
207-08-9	Benzo(k)fluoranthene	ug/kg	350	U	350	U
50-32-8	Benzo(a)pyrene	ug/kg	350	U	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	350	U	350	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	350	U	350	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	350	U	350	U

303817

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06		SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06	
P/PCBs-s	**Pesticides/PCB Organics**					
319-84-6	alpha-BHC	ug/kg	1.8	U	1.8	U
319-85-7	beta-BHC	ug/kg	1.8	U	1.8	U
319-86-8	delta-BHC	ug/kg	1.8	U	1.8	U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.8	U	1.8	U
76-44-8	Heptachlor	ug/kg	1.8	U	1.8	U
309-00-2	Aldrin	ug/kg	1.8	U	1.8	U
1024-57-3	Heptachlor Epoxide	ug/kg	1.8	U	1.8	U
959-98-8	Endosulfan I	ug/kg	1.8	U	1.8	U
60-57-1	Dieldrin	ug/kg	3.5	U	3.5	U
72-55-9	4,4'-DDE	ug/kg	3.5	U	3.5	U
72-20-8	Endrin	ug/kg	3.5	U	3.5	U
33213-65-9	Endosulfan II	ug/kg	3.5	U	3.5	U
72-54-8	4,4'-DDD	ug/kg	3.5	U	3.5	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.5	U	3.5	U
50-29-3	4,4'-DDT	ug/kg	3.5	U	3.5	U
72-43-5	Methoxychlor	ug/kg	18	U	18	U
53494-70-5	Endrin Ketone	ug/kg	3.5	U	3.5	U
7421-93-4	Endrin Aldehyde	ug/kg	3.5	U	3.5	U
5103-71-9	alpha-Chlordane	ug/kg	1.8	U	1.8	U
5103-74-2	gamma-Chlordane	ug/kg	1.8	U	1.8	U
8001-35-2	Toxphene	ug/kg	180	U	180	U
12674-11-2	Aroclor-1016	ug/kg	35	U	35	U
11104-28-2	Aroclor-1221	ug/kg	71	U	71	U
11141-16-5	Aroclor-1232	ug/kg	35	U	35	U
53469-21-9	Aroclor-1242	ug/kg	35	U	35	U
12672-29-6	Aroclor-1248	ug/kg	35	U	35	U
11097-69-1	Aroclor-1254	ug/kg	35	U	35	U
11096-82-5	Aroclor-1260	ug/kg	35	U	35	U

303818

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06		SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06	
Inorg-s	**Inorganic Analytes**					
7429-90-5	Aluminum	mg/kg	3920		4540	
7440-36-0	Antimony	mg/kg	0.74	U	0.75	U
7440-38-2	Arsenic	mg/kg	2.3		1.9	B
7440-39-3	Barium	mg/kg	15.4	B	12.9	B
7440-41-7	Beryllium	mg/kg	0.26	B	0.33	B
7440-43-9	Cadmium	mg/kg	0.08	U	0.08	U
7440-70-2	Calcium	mg/kg	483	B	449	B
7440-47-3	Chromium	mg/kg	4.4	J	4.9	J
7440-48-4	Cobalt	mg/kg	3.2	B	3.3	B
7440-50-8	Copper	mg/kg	17.6		10.2	
7439-89-6	Iron	mg/kg	9610		9260	
7439-92-1	Lead	mg/kg	4		4.8	
7439-95-4	Magnesium	mg/kg	1170		1040	B
7439-96-5	Manganese	mg/kg	175		224	
7439-97-6	Mercury	mg/kg	0.07	BJ	0.08	BJ
7440-02-0	Nickel	mg/kg	7.7	B	7.7	B
7440-09-7	Potassium	mg/kg	311	BE	299	BE
7782-49-2	Selenium	mg/kg	0.85	U	0.85	U
7440-22-4	Silver	mg/kg	0.19	UNJ	0.19	UNJ
7440-23-5	Sodium	mg/kg	39.7	B	46.3	B
7440-28-0	Thallium	mg/kg	1	U	1	U
7440-62-2	Vanadium	mg/kg	10.2	B	11	
7440-66-6	Zinc	mg/kg	0	R	0	R

303819

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06		SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06	
Add-I	**Additional Parameters**					
7440-23-5	Sodium	MEQ/kg	290	J	290	J
GIS-110-012	Total Organic Carbon	mg/kg	14800	J	2530	J
12408-02-5	pH	S.U.	5.07		5.56	
Grain-85	**Grain - 3 members**					
No.4(4.75-mm	No. 4 (4.75-mm)	%				
No.10(2.00-mr	No. 10 (2.00-mm)	%				
No.40(0.425)	No. 40 (0.425)	%				
Grain-90	**Grain - 6 members**					
105	<105	%	10.7		16.3	
105-425	105-425	%	81.9		81.6	
425 - 500	425 - 500	%	1.27		0.9	
500 - 850	500 - 850	%	1.67		0.67	
850 - 2380	850 - 2380	%	2.52		0.41	
2380	>2380	%	1.85		0.08	

Table 8

Deep Subsurface Soil Sample Results

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01		SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01		SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01		SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01		SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	3	J	11	U	11	U	12	U	13	U
74-87-3	Chloromethane	ug/kg	11	U	11	U	11	U	12	U	13	U
75-01-4	Vinyl Chloride	ug/kg	11	U	11	U	11	U	12	U	13	U
74-83-9	Bromomethane	ug/kg	11	U	11	U	11	U	12	U	13	U
75-00-3	Chloroethane	ug/kg	11	U	11	U	11	U	12	U	13	U
75-69-4	Trichlorofluoromethane	ug/kg	11	U	11	U	11	U	12	U	13	U
75-35-4	1,1-Dichloroethene	ug/kg	11	U	11	U	11	U	12	U	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	U	11	U	11	U	12	U	13	U
67-64-1	Acetone	ug/kg	59	U	57	U	81	U	530	UJ	20	UJ
75-15-0	Carbon Disulfide	ug/kg	11	U	11	U	11	U	12	U	13	U
79-20-9	Methyl Acetate	ug/kg	11	U	11	U	11	U	12	U	13	U
75-09-2	Methylene Chloride	ug/kg	11	U	11	U	11	U	12	U	7	J
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	U	11	U	11	U	12	U	13	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	U	11	U	11	U	12	U	13	U
75-34-3	1,1-Dichloroethane	ug/kg	11	U	11	U	11	U	12	U	13	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	U	11	U	11	U	12	U	13	U
78-93-3	2-Butanone	ug/kg	10	J	6	J	9	J	7	J	2	J
67-66-3	Chloroform	ug/kg	11	U	11	U	11	U	12	U	13	U
71-55-6	1,1,1-Trichloroethane	ug/kg	11	U	11	U	11	U	12	U	13	U
110-82-7	Cyclohexane	ug/kg	11	U	11	U	11	U	12	U	13	U
56-23-5	Carbon Tetrachloride	ug/kg	11	U	11	U	11	U	12	U	13	U
71-43-2	Benzene	ug/kg	11	U	11	U	11	U	12	U	13	U
107-06-2	1,2-Dichloroethane	ug/kg	11	U	11	U	11	U	12	U	13	U
79-01-6	Trichloroethene	ug/kg	11	U	11	U	11	U	12	U	13	U
108-87-2	Methylcyclohexane	ug/kg	11	U	11	U	11	U	12	U	13	U
78-87-5	1,2-Dichloropropane	ug/kg	11	U	11	U	11	U	12	U	13	U
75-27-4	Bromodichloromethane	ug/kg	11	U	11	U	11	U	12	U	13	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	U	11	U	11	U	12	U	13	U
108-10-1	4-Methyl-2-pentanone	ug/kg	11	U	11	U	11	U	12	U	13	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01		SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01		SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01		SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01		SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01	
108-88-3	Toluene	ug/kg	11	U	11	U	11	U	12	U	13	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	U	11	U	11	U	12	U	13	U
79-00-5	1,1,2-Trichloroethane	ug/kg	11	U	11	U	11	U	12	U	13	U
127-18-4	Tetrachloroethene	ug/kg	11	U	11	U	11	U	12	U	13	U
591-78-6	2-Hexanone	ug/kg	11	U	11	U	11	U	12	U	13	U
124-48-1	Dibromochloromethane	ug/kg	11	U	11	U	11	U	12	U	13	U
106-93-4	1,2-Dibromoethane	ug/kg	11	U	11	U	11	U	12	U	13	U
108-90-7	Chlorobenzene	ug/kg	11	U	11	U	11	U	12	U	13	U
100-41-4	Ethylbenzene	ug/kg	11	U	11	U	11	U	12	U	13	U
1330-20-7	Xylenes (total)	ug/kg	11	U	11	U	11	U	12	U	13	U
100-42-5	Styrene	ug/kg	11	U	11	U	11	U	12	U	13	U
75-25-2	Bromoform	ug/kg	11	U	11	U	11	U	12	U	13	U
98-82-8	Isopropylbenzene	ug/kg	11	U	11	U	11	U	12	U	13	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	U	11	U	11	U	12	U	13	U
541-73-1	1,3-Dichlorobenzene	ug/kg	11	U	11	U	11	U	12	U	13	U
106-46-7	1,4-Dichlorobenzene	ug/kg	11	U	11	U	11	U	12	U	13	U
95-50-1	1,2-Dichlorobenzene	ug/kg	11	U	11	U	11	U	12	U	13	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	U	11	U	11	U	12	U	13	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	U	11	U	11	U	12	U	13	U

303823

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01		SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01		SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01		SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01		SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	10	J	7	J	5	J	6	J	460	U
108-95-2	Phenol	ug/kg	360	U	360	U	380	U	420	U	460	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	360	U	360	U	380	U	420	U	460	U
95-57-8	2-Chlorophenol	ug/kg	360	U	360	U	380	U	420	U	460	U
95-48-7	2-Methylphenol	ug/kg	360	U	360	U	380	U	420	U	460	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	360	U	360	U	380	U	420	U	460	U
98-86-2	Acetophenone	ug/kg	360	U	360	U	380	U	420	U	460	U
106-44-5	4-Methylphenol	ug/kg	360	U	360	U	380	U	420	U	460	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	360	U	360	U	380	U	420	U	460	U
67-72-1	Hexachloroethene	ug/kg	360	U	360	U	380	U	420	U	460	U
98-95-3	Nitrobenzene	ug/kg	360	U	360	U	380	U	420	U	460	U
78-59-1	Isophorone	ug/kg	360	U	360	U	380	U	420	U	460	U
88-75-5	2-Nitrophenol	ug/kg	360	U	360	U	380	U	420	U	460	U
105-67-9	2,4-Dimethylphenol	ug/kg	360	U	360	U	380	U	420	U	460	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	360	U	360	U	380	U	420	U	460	U
120-83-2	2,4-Dichlorophenol	ug/kg	360	U	360	U	380	U	420	U	460	U
91-20-3	Naphthalene	ug/kg	11	J	360	U	380	U	420	U	460	U
106-47-8	p-Chloroaniline	ug/kg	360	U	360	U	380	U	420	U	460	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	360	U	360	U	380	U	420	U	460	U
105-60-2	Caprolactam	ug/kg	360	U	360	U	380	U	420	U	460	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	360	U	360	U	380	U	420	U	460	U
91-57-6	2-Methylnaphthalene	ug/kg	19	J	360	U	380	U	420	U	460	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	360	U	360	U	380	U	420	U	460	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	360	U	360	U	380	U	420	U	460	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	910	U	900	U	940	U	1100	U	1200	U
92-52-4	1,1'-Biphenyl	ug/kg	360	U	360	U	380	U	420	U	460	U
91-58-7	2-Chloronaphthalene	ug/kg	360	U	360	U	380	U	420	U	460	U
88-74-4	2-Nitroaniline	ug/kg	910	U	900	U	940	U	1100	U	1200	U
131-11-3	Dimethyl phthalate	ug/kg	360	U	360	U	380	U	420	U	460	U
606-20-2	2,6-Dinitrotoluene	ug/kg	360	U	360	U	380	U	420	U	460	U
208-96-8	Acenaphthylene	ug/kg	360	U	360	U	380	U	420	U	460	U
99-09-2	3-Nitroaniline	ug/kg	910	U	900	U	940	U	1100	U	1200	U
83-32-9	Acenaphthene	ug/kg	18	J	360	U	380	U	420	U	460	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01		SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01		SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01		SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01		SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	910	UJ	900	UJ	940	UJ	1100	UJ	1200	UJ
100-02-7	4-Nitrophenol	ug/kg	910	U	900	U	940	U	1100	U	1200	U
132-64-9	Dibenzofuran	ug/kg	12	J	360	U	380	U	420	U	460	U
121-14-2	2,4-Dinitrotoluene	ug/kg	360	U	360	U	380	U	420	U	460	U
84-66-2	Diethyl phthalate	ug/kg	360	U	360	U	380	U	420	U	460	U
86-73-7	Fluorene	ug/kg	14	J	360	U	380	U	420	U	460	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	360	U	360	U	380	U	420	U	460	U
100-01-6	P-Nitroaniline	ug/kg	910	U	900	U	940	U	1100	U	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	910	UJ	900	UJ	940	UJ	1100	UJ	1200	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	360	U	360	U	380	U	420	U	460	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	360	U	360	U	380	U	420	U	460	U
118-74-1	Hexachlorobenzene	ug/kg	360	U	360	U	380	U	420	U	460	U
1912-24-9	Atrazine	ug/kg	360	U	360	U	380	U	420	U	460	U
87-86-5	Pentachlorophenol	ug/kg	910	U	900	U	940	U	1100	U	1200	U
85-01-8	Phenanthrene	ug/kg	180	J	360	U	34	J	18	J	460	U
120-12-7	Anthracene	ug/kg	41	J	360	U	9	J	420	U	460	U
86-74-8	Carbazole	ug/kg	17	J	360	U	380	U	420	U	460	U
84-74-2	Di-n-butylphthalate	ug/kg	360	U	360	U	380	U	420	U	460	U
206-44-0	Fluoranthene	ug/kg	200	J	360	U	41	J	19	J	460	U
129-00-0	Pyrene	ug/kg	180	J	360	U	41	J	20	J	460	U
85-68-7	Benzyl butyl phthalate	ug/kg	360	U	360	U	380	U	420	U	460	U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	360	U	360	U	380	U	420	U	460	U
56-55-3	Benzo(a)anthracene	ug/kg	96	J	360	U	24	J	420	U	460	U
218-01-9	Chrysene	ug/kg	110	J	360	U	25	J	12	J	460	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	360	U	360	U	380	U	420	U	460	U
117-84-0	Di-n-octylphthalate	ug/kg	360	U	360	U	380	U	420	U	460	U
205-99-2	Benzo(b)fluoranthene	ug/kg	92	J	360	U	17	J	420	U	460	U
207-08-9	Benzo(k)fluoranthene	ug/kg	96	J	360	U	23	J	420	U	460	U
50-32-8	Benzo(a)pyrene	ug/kg	98	J	360	U	20	J	12	J	460	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	69	J	360	U	12	J	420	U	460	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	22	J	360	U	380	U	420	U	460	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	56	J	360	U	380	U	420	U	460	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01		SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01		SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01		SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01		SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	1.9	U	1.1	J	1.9	U	2.2	U	2.4	U
319-85-7	beta-BHC	ug/kg	4.9	J	1.8	U	1.9	U	2.2	U	2.4	U
319-86-8	delta-BHC	ug/kg	1.9	U	1.8	U	1.9	U	2.2	U	2.4	U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.9	U	1.8	U	1.9	U	2.2	U	2.4	U
76-44-8	Heptachlor	ug/kg	1.9	U	1.8	U	1.9	U	2.2	U	2.4	U
309-00-2	Aldrin	ug/kg	1.9	U	1.8	U	1.9	U	2.2	U	2.4	U
1024-57-3	Heptachlor Epoxide	ug/kg	1.9	U	1.8	U	1.9	U	2.2	U	2.4	U
959-98-8	Endosulfan I	ug/kg	1.9	U	1.8	U	1.9	U	2.2	U	2.4	U
60-57-1	Dieldrin	ug/kg	3.6	U	3.6	U	3.8	U	4.2	U	4.6	U
72-55-9	4,4'-DDE	ug/kg	3.6	U	3.6	U	3.8	U	4.2	U	4.6	U
72-20-8	Endrin	ug/kg	3.6	U	3.6	U	3.8	U	4.2	U	4.6	U
33213-65-9	Endosulfan II	ug/kg	3.6	U	3.6	U	3.8	U	4.2	U	4.6	U
72-54-8	4,4'-DDD	ug/kg	3.6	U	3.6	U	3.8	U	4.2	U	4.6	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.6	U	3.6	U	3.8	U	4.2	U	4.6	U
50-29-3	4,4'-DDT	ug/kg	3.6	U	3.6	U	3.8	U	4.2	U	4.6	U
72-43-5	Methoxychlor	ug/kg	19	U	18	U	19	U	22	U	24	U
53494-70-5	Endrin Ketone	ug/kg	3.6	U	3.6	U	3.8	U	4.2	U	4.6	U
7421-93-4	Endrin Aldehyde	ug/kg	3.6	U	3.6	U	3.8	U	4.2	U	4.6	U
5103-71-9	alpha-Chlordane	ug/kg	1.9	U	1.8	U	1.9	U	2.2	U	2.4	U
5103-74-2	gamma-Chlordane	ug/kg	1.9	U	1.8	U	1.9	U	2.2	U	2.4	U
8001-35-2	Toxphene	ug/kg	190	U	180	U	190	U	220	U	240	U
12674-11-2	Aroclor-1016	ug/kg	36	U	36	U	38	U	42	U	46	U
11104-28-2	Aroclor-1221	ug/kg	73	U	73	U	76	U	85	U	94	U
11141-16-5	Aroclor-1232	ug/kg	36	U	36	U	38	U	42	U	46	U
53469-21-9	Aroclor-1242	ug/kg	36	U	36	U	38	U	42	U	46	U
12672-29-6	Aroclor-1248	ug/kg	210		36	U	38	U	42	U	46	U
11097-69-1	Aroclor-1254	ug/kg	36	U	300		38	U	140	J	46	U
11096-82-5	Aroclor-1260	ug/kg	36	U	38	J	38	U	24	J	46	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01		SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01		SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01		SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01		SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	4060		5190		5520		5200		9870	
7440-36-0	Antimony	mg/kg	0.79	UJ	0.78	UJ	0.79	UJ	0.92	UJ	0.9	UJ
7440-38-2	Arsenic	mg/kg	2.8		0.89	B	2.5		2.1	B	5.4	
7440-39-3	Barium	mg/kg	35.3	B	20.9	B	10.5	B	9.4	B	27.3	B
7440-41-7	Beryllium	mg/kg	0.25	B	0.22	B	0.23	B	0.2	B	0.47	B
7440-43-9	Cadmium	mg/kg	0.23	B	0.08	U	0.09	U	0.1	U	0.1	U
7440-70-2	Calcium	mg/kg	1850		465	B	562	B	751	B	869	B
7440-47-3	Chromium	mg/kg	7.2		5.9		6.7		5.4		10.1	
7440-48-4	Cobalt	mg/kg	3	B	3.5	B	4.4	B	4.4	B	8	B
7440-50-8	Copper	mg/kg	18.2		6		11.5		14		20.4	
7439-89-6	Iron	mg/kg	9970		9110		11700		11300		21300	
7439-92-1	Lead	mg/kg	51.3		3.5		4		4.2		6.5	
7439-95-4	Magnesium	mg/kg	858	B	961	B	1530		1510		2830	
7439-96-5	Manganese	mg/kg	329	J	321	J	390	J	433	J	575	J
7439-97-6	Mercury	mg/kg	0	R	0	R	0	R	0	R	0	R
7440-02-0	Nickel	mg/kg	15.8		7.3	B	10.5		9.1	B	15.5	
7440-09-7	Potassium	mg/kg	426	B	547	B	888	B	590	B	1090	B
7782-49-2	Selenium	mg/kg	1.1	J	1	U	1	U	1.2	U	1.2	U
7440-22-4	Silver	mg/kg	0.21	U	0.21	U	0.21	U	0.25	U	0.24	U
7440-23-5	Sodium	mg/kg	476	BJ	321	BJ	302	BJ	403	BJ	509	BJ
7440-28-0	Thallium	mg/kg	1.1	UJ	1.1	UJ	1.1	UJ	1.3	UJ	1.3	UJ
7440-62-2	Vanadium	mg/kg	7.7	B	8.7	B	10.9		9.2	B	17.4	
7440-66-6	Zinc	mg/kg	101	J	22.4	J	38.6	J	53.7	J	41.5	J

303827

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01	SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01	SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01	SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01	SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01
Add-I	**Additional Parameters**						
7440-23-5	Sodium	MEQ/kg	770	540	590	430	1900
GIS-110-012	Total Organic Carbon	mg/kg	14900	1310	898	609	865
12408-02-5	pH	S.U.	8.33	8.02	9.36	7.98	7.41
Grain-85	**Grain - 3 members**						
No.4(4.75-mm)	No. 4 (4.75-mm)	%	1.42		11.9	0.52	22
No.10(2.00-mm	No. 10 (2.00-mm)	%	3.17	1.37	1050	2.48	27.6
No.40(0.425)	No. 40 (0.425)	%	9.28	9.58	15.5	3.06	15.2
Grain-90	**Grain - 6 members**						
105	<105	%					
105-425	105-425	%					
425 - 500	425 - 500	%					
500 - 850	500 - 850	%					
850 - 2380	850 - 2380	%					
2380	>2380	%					

303828

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01		SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02		SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	13	U	12	U	12	U	11	U	11	U
74-87-3	Chloromethane	ug/kg	13	U	12	U	12	U	11	U	11	U
75-01-4	Vinyl Chloride	ug/kg	13	U	12	U	12	U	11	U	11	U
74-83-9	Bromomethane	ug/kg	13	U	12	U	12	U	11	U	11	U
75-00-3	Chloroethane	ug/kg	13	U	12	U	12	U	11	U	11	U
75-69-4	Trichlorofluoromethane	ug/kg	13	U	12	U	12	U	11	U	11	U
75-35-4	1,1-Dichloroethene	ug/kg	13	U	12	U	12	U	11	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	13	U	12	U	12	U	11	U	11	U
67-64-1	Acetone	ug/kg	72	UJ	300	UJ	12	UJ	220	UJ	210	UJ
75-15-0	Carbon Disulfide	ug/kg	13	U	12	U	12	U	11	U	11	U
79-20-9	Methyl Acetate	ug/kg	13	U	12	U	12	U	11	U	11	U
75-09-2	Methylene Chloride	ug/kg	2	J	12	U	2	J	11	U	3	J
156-60-5	trans-1,2-Dichloroethene	ug/kg	13	U	12	U	12	U	11	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	13	U	12	U	12	U	11	U	11	U
75-34-3	1,1-Dichloroethane	ug/kg	13	U	12	U	12	U	11	U	11	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	13	U	12	U	12	U	11	U	11	U
78-93-3	2-Butanone	ug/kg	2	J	5	J	2	J	28		31	
67-66-3	Chloroform	ug/kg	13	U	12	U	3	J	11	U	11	U
71-55-6	1,1,1-Trichloroethane	ug/kg	13	U	12	U	12	U	11	U	11	U
110-82-7	Cyclohexane	ug/kg	13	U	12	U	12	U	11	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	13	U	12	U	12	U	11	U	11	U
71-43-2	Benzene	ug/kg	13	U	12	U	12	U	11	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	13	U	12	U	12	U	11	U	11	U
79-01-6	Trichloroethene	ug/kg	13	U	12	U	12	U	11	U	11	U
108-87-2	Methylcyclohexane	ug/kg	13	U	12	U	12	U	11	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	13	U	12	U	12	U	11	U	11	U
75-27-4	Bromodichloromethane	ug/kg	13	U	12	U	12	U	11	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	13	U	12	U	12	U	11	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	13	U	12	U	12	U	11	U	1	J

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01		SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02		SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02	
108-88-3	Toluene	ug/kg	13	U	12	U	12	U	11	U	11	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	13	U	12	U	12	U	11	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	13	U	12	U	12	U	11	U	11	U
127-18-4	Tetrachloroethene	ug/kg	13	U	12	U	12	U	11	U	11	U
591-78-6	2-Hexanone	ug/kg	13	U	12	U	12	U	11	U	11	U
124-48-1	Dibromochloromethane	ug/kg	13	U	12	U	12	U	11	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	13	U	12	U	12	U	11	U	11	U
108-90-7	Chlorobenzene	ug/kg	13	U	12	U	12	U	11	U	11	U
100-41-4	Ethylbenzene	ug/kg	13	U	12	U	12	U	11	U	11	U
1330-20-7	Xylenes (total)	ug/kg	13	U	12	U	12	U	11	U	11	U
100-42-5	Styrene	ug/kg	13	U	12	U	12	U	11	U	11	U
75-25-2	Bromoform	ug/kg	13	U	12	U	12	U	11	U	11	U
98-82-8	Isopropylbenzene	ug/kg	13	U	12	U	12	U	11	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	13	U	12	U	12	U	11	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	13	U	12	U	12	U	11	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	13	U	12	U	12	U	11	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	13	U	12	U	12	U	11	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	13	U	12	U	12	U	11	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	13	U	12	U	12	U	11	U	11	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01		SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02		SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	430	U	450	U	450	U	8	J	10	J
108-95-2	Phenol	ug/kg	430	U	450	U	450	U	350	U	350	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	430	U	450	U	450	U	350	U	350	U
95-57-8	2-Chlorophenol	ug/kg	430	U	450	U	450	U	350	U	350	U
95-48-7	2-Methylphenol	ug/kg	430	U	450	U	450	U	350	U	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	430	U	450	U	450	U	350	U	350	U
98-86-2	Acetophenone	ug/kg	430	U	450	U	450	U	14	J	350	U
106-44-5	4-Methylphenol	ug/kg	430	U	450	U	450	U	350	U	350	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	430	U	450	U	450	U	350	U	350	U
67-72-1	Hexachloroethene	ug/kg	430	U	450	U	450	U	350	U	350	U
98-95-3	Nitrobenzene	ug/kg	430	U	450	U	450	U	350	U	350	U
78-59-1	Isophorone	ug/kg	430	U	450	U	450	U	350	U	350	U
88-75-5	2-Nitrophenol	ug/kg	430	U	450	U	450	U	350	U	350	U
105-67-9	2,4-Dimethylphenol	ug/kg	430	U	450	U	450	U	350	U	350	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	430	U	450	U	450	U	350	U	350	U
120-83-2	2,4-Dichlorophenol	ug/kg	430	U	450	U	450	U	350	U	350	U
91-20-3	Naphthalene	ug/kg	430	U	450	U	450	U	11	J	350	U
106-47-8	p-Chloroaniline	ug/kg	430	U	450	U	450	U	350	U	350	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	430	U	450	U	450	U	350	U	350	U
105-60-2	Caprolactam	ug/kg	430	U	450	U	450	U	350	U	350	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	430	U	450	U	450	U	350	U	350	U
91-57-6	2-Methylnaphthalene	ug/kg	430	U	450	U	450	U	12	J	350	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	430	U	450	U	450	U	350	U	350	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	430	U	450	U	450	U	350	U	350	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	1100	U	1100	U	1100	U	870	U	870	U
92-52-4	1,1'-Biphenyl	ug/kg	430	U	450	U	450	U	23	J	13	J
91-58-7	2-Chloronaphthalene	ug/kg	430	U	450	U	450	U	350	U	350	U
88-74-4	2-Nitroaniline	ug/kg	1100	U	1100	U	1100	U	870	U	870	U
131-11-3	Dimethyl phthalate	ug/kg	430	U	450	U	450	U	350	U	350	U
606-20-2	2,6-Dinitrotoluene	ug/kg	430	U	450	U	450	U	350	U	350	U
208-96-8	Acenaphthylene	ug/kg	430	U	450	U	450	U	350	U	350	U
99-09-2	3-Nitroaniline	ug/kg	1100	U	1100	U	1100	U	870	U	870	U
83-32-9	Acenaphthene	ug/kg	430	U	450	U	450	U	350	U	350	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01		SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02		SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	1100	UJ	1100	UJ	1100	UJ	870	UJ	870	UJ
100-02-7	4-Nitrophenol	ug/kg	1100	U	1100	U	1100	U	870	U	870	U
132-64-9	Dibenzofuran	ug/kg	430	U	450	U	450	U	350	U	350	U
121-14-2	2,4-Dinitrotoluene	ug/kg	430	U	450	U	450	U	350	U	350	U
84-66-2	Diethyl phthalate	ug/kg	430	U	450	U	450	U	350	U	350	U
86-73-7	Fluorene	ug/kg	430	U	450	U	450	U	350	U	350	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	430	U	450	U	450	U	350	U	350	U
100-01-6	P-Nitroaniline	ug/kg	1100	U	1100	U	1100	U	870	U	870	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1100	UJ	1100	UJ	1100	UJ	870	UJ	870	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	430	U	450	U	450	U	350	U	350	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	430	U	450	U	450	U	350	U	350	U
118-74-1	Hexachlorobenzene	ug/kg	430	U	450	U	450	U	350	U	350	U
1912-24-9	Atrazine	ug/kg	430	U	450	U	450	U	350	U	350	U
87-86-5	Pentachlorophenol	ug/kg	1100	U	1100	U	1100	U	870	U	870	U
85-01-8	Phenanthrene	ug/kg	430	U	450	U	15	J	12	J	18	J
120-12-7	Anthracene	ug/kg	430	U	450	U	240	J	350	U	350	U
86-74-8	Carbazole	ug/kg	430	U	450	U	39	J	350	U	350	U
84-74-2	Di-n-butylphthalate	ug/kg	430	U	450	U	450	U	12	J	350	U
206-44-0	Fluoranthene	ug/kg	430	U	14	J	30	J	350	U	350	U
129-00-0	Pyrene	ug/kg	430	U	450	U	53	J	350	U	350	U
85-68-7	Benzyl butyl phthalate	ug/kg	430	U	450	U	450	U	350	U	350	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	430	U	450	U	450	U	350	U	350	U
56-55-3	Benzo(a)anthracene	ug/kg	430	U	450	U	17	J	350	U	350	U
218-01-9	Chrysene	ug/kg	430	U	450	U	41	J	350	U	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	430	U	460	U	450	U	350	U	370	U
117-84-0	Di-n-octylphthalate	ug/kg	430	U	450	U	450	U	350	U	20	J
205-99-2	Benzo(b)fluoranthene	ug/kg	430	U	450	U	31	J	350	U	14	J
207-08-9	Benzo(k)fluoranthene	ug/kg	430	U	450	U	25	J	350	U	350	U
50-32-8	Benzo(a)pyrene	ug/kg	430	U	450	U	25	J	350	U	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	430	U	450	U	25	J	350	U	350	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	430	U	450	U	450	U	350	U	350	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	430	U	450	U	450	U	350	U	350	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01		SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02		SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.2	U	2.3	U	2.3	U	0	R	1.8	U
319-85-7	beta-BHC	ug/kg	2.2	U	2.3	U	2.3	U	1.8	U	3	N
319-86-8	delta-BHC	ug/kg	2.2	U	2.3	U	2.3	U	1.8	U	1.8	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2.2	U	2.3	U	2.3	U	1.8	U	1.8	U
76-44-8	Heptachlor	ug/kg	2.2	U	2.3	U	2.3	U	1.8	U	1.8	U
309-00-2	Aldrin	ug/kg	2.2	U	2.3	U	2.3	U	1.8	U	1.8	U
1024-57-3	Heptachlor Epoxide	ug/kg	2.2	U	2.3	U	2.3	U	1.8	U	1.8	U
959-98-8	Endosulfan I	ug/kg	2.2	U	2.3	U	2.3	U	1.8	U	1.8	U
60-57-1	Dieldrin	ug/kg	4.3	U	4.5	U	4.5	U	3.5	U	3.5	U
72-55-9	4,4'-DDE	ug/kg	4.3	U	4.5	U	4.5	U	3.5	U	3.5	U
72-20-8	Endrin	ug/kg	4.3	U	4.5	U	4.5	U	3.5	U	3.5	U
33213-65-9	Endosulfan II	ug/kg	4.3	U	4.5	U	4.5	U	3.5	U	3.5	U
72-54-8	4,4'-DDD	ug/kg	4.3	U	4.5	U	4.5	U	3.5	U	3.5	U
1031-07-8	Endosulfan Sulfate	ug/kg	4.3	U	4.5	U	4.5	U	3.5	U	3.5	U
50-29-3	4,4'-DDT	ug/kg	4.3	U	4.5	U	4.5	U	3.5	U	3.5	U
72-43-5	Methoxychlor	ug/kg	22	U	23	U	23	U	18	U	18	U
53494-70-5	Endrin Ketone	ug/kg	4.3	U	4.5	U	4.5	U	3.5	U	3.5	U
7421-93-4	Endrin Aldehyde	ug/kg	4.3	U	4.5	U	4.5	U	3.5	U	3.5	U
5103-71-9	alpha-Chlordane	ug/kg	2.2	U	2.3	U	2.3	U	1.8	U	1.8	U
5103-74-2	gamma-Chlordane	ug/kg	2.2	U	2.3	U	2.3	U	1.8	U	1.8	U
8001-35-2	Toxphene	ug/kg	220	U	230	U	230	U	180	U	180	U
12674-11-2	Aroclor-1016	ug/kg	43	U	45	U	45	U	35	U	35	U
11104-28-2	Aroclor-1221	ug/kg	88	U	91	U	91	U	70	U	71	U
11141-16-5	Aroclor-1232	ug/kg	43	U	45	U	45	U	35	U	35	U
53469-21-9	Aroclor-1242	ug/kg	43	U	45	U	45	U	35	U	35	U
12672-29-6	Aroclor-1248	ug/kg	43	U	1500		45	U	670		180	
11097-69-1	Aroclor-1254	ug/kg	43	U	45	U	45	U	35	U	35	U
11096-82-5	Aroclor-1260	ug/kg	43	U	20	J	45	U	14	J	35	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01		SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02		SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	5740		7190		5090		4100		3420	
7440-36-0	Antimony	mg/kg	0.89	U	0.93	U	0.92	U	0.77	U	0.75	U
7440-38-2	Arsenic	mg/kg	3.2		4.2		2.8		1.1	B	1.5	B
7440-39-3	Barium	mg/kg	15.7	B	21.5	B	17.4	B	10.8	B	9.3	B
7440-41-7	Beryllium	mg/kg	0.24	B	0.34	B	0.22	B	0.17	B	0.14	B
7440-43-9	Cadmium	mg/kg	0.1	U	0.1	U	0.1	U	0.08	U	0.08	U
7440-70-2	Calcium	mg/kg	847	B	1080	B	970	B	603	B	500	B
7440-47-3	Chromium	mg/kg	6.5		8.1		6.6		4.4		4.4	
7440-48-4	Cobalt	mg/kg	5.4	B	6.2	B	4.8	B	2.9	B	2.6	B
7440-50-8	Copper	mg/kg	16.4		18.8		16.9		8.3		6.7	
7439-89-6	Iron	mg/kg	13800		16500		12700		7930		7570	
7439-92-1	Lead	mg/kg	4.6		5.9		11.3		3.8		3.9	
7439-95-4	Magnesium	mg/kg	1900		2230		1740		1040	B	977	B
7439-96-5	Manganese	mg/kg	459	J	529	J	454	J	172	J	187	J
7439-97-6	Mercury	mg/kg	0	R	0	R	0	R	0	R	395	J
7440-02-0	Nickel	mg/kg	11.2		13.1		10.9		6.4	B	5.8	B
7440-09-7	Potassium	mg/kg	648	B	817	B	601	B	314	B	293	B
7782-49-2	Selenium	mg/kg	1.2	U	1.2	U	1.2	U	1	U	0.97	U
7440-22-4	Silver	mg/kg	0.24	U	0.25	U	0.25	U	0.21	U	0.2	U
7440-23-5	Sodium	mg/kg	362	B	414	B	394	B	279	B	270	B
7440-28-0	Thallium	mg/kg	1.3	U	1.3	U	1.3	U	1.1	U	1.1	U
7440-62-2	Vanadium	mg/kg	10.5	B	12.7		9.9	B	7.9	B	7.1	B
7440-66-6	Zinc	mg/kg	33.4	J	43.3	J	49.8	J	18.5	J	19.2	J

303834

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01	SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01	SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01	SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02	SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02
Add-I	**Additional Parameters**						
7440-23-5	Sodium	MEQ/kg	560	540	570	470	300
GIS-110-012	Total Organic Carbon	mg/kg	604	710	1940	1660	766
12408-02-5	pH	S.U.	8.3	7.65	7.04	7.14	7.7
Grain-85	**Grain - 3 members**						
No.4(4.75-mm)	No. 4 (4.75-mm)	%	15	18.5	21.7	13	1.77
No.10(2.00-mm	No. 10 (2.00-mm)	%	12.8	18.3	15	6.02	3.35
No.40(0.425)	No. 40 (0.425)	%	7.23	8.34	7.85	22.2	26.5
Grain-90	**Grain - 6 members**						
105	<105	%					
105-425	105-425	%					
425 - 500	425 - 500	%					
500 - 850	500 - 850	%					
850 - 2380	850 - 2380	%					
2380	>2380	%					

303835

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02		SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02		SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02		SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02		SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	10	U	11	U	12	U	14	U	11	U
74-87-3	Chloromethane	ug/kg	10	U	11	U	12	U	14	U	11	U
75-01-4	Vinyl Chloride	ug/kg	10	U	11	U	12	U	14	U	11	U
74-83-9	Bromomethane	ug/kg	10	U	11	U	12	U	14	U	11	U
75-00-3	Chloroethane	ug/kg	10	U	11	U	12	U	14	U	11	U
75-69-4	Trichlorofluoromethane	ug/kg	10	U	11	U	12	U	14	U	11	U
75-35-4	1,1-Dichloroethene	ug/kg	10	U	11	U	12	U	14	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	1	J	11	U	12	U	14	U	11	U
67-64-1	Acetone	ug/kg	190	UJ	96	UJ	40	UJ	60	UJ	60	UJ
75-15-0	Carbon Disulfide	ug/kg	10	U	11	U	12	U	14	U	2	J
79-20-9	Methyl Acetate	ug/kg	10	U	11	U	12	U	14	U	11	U
75-09-2	Methylene Chloride	ug/kg	2	J	2	J	2	J	14	U	11	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	10	U	11	U	12	U	14	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10	U	11	U	12	U	14	U	11	U
75-34-3	1,1-Dichloroethane	ug/kg	10	U	11	U	12	U	14	U	11	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	10	U	11	U	12	U	14	U	11	U
78-93-3	2-Butanone	ug/kg	30		32		3	J	6	J	7	J
67-66-3	Chloroform	ug/kg	10	U	11	U	12	U	14	U	11	U
71-55-6	1,1,1-Trichloroethane	ug/kg	10	U	11	U	12	U	14	U	11	U
110-82-7	Cyclohexane	ug/kg	10	U	11	U	12	U	14	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	10	U	11	U	12	U	14	U	11	U
71-43-2	Benzene	ug/kg	8	J	11	U	12	U	14	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	10	U	11	U	12	U	14	U	11	U
79-01-6	Trichloroethene	ug/kg	10	U	11	U	12	U	14	U	11	U
108-87-2	Methylcyclohexane	ug/kg	10	U	11	U	12	U	14	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	10	U	11	U	12	U	14	U	11	U
75-27-4	Bromodichloromethane	ug/kg	10	U	11	U	12	U	14	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10	U	11	U	12	U	14	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	2	J	2	J	12	U	14	UJ	11	U

303836

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02		SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02		SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02		SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02		SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02	
108-88-3	Toluene	ug/kg	3	J	11	U	12	U	14	UJ	11	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10	U	11	U	12	U	14	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	10	U	11	U	12	U	14	U	11	U
127-18-4	Tetrachloroethene	ug/kg	10	U	11	U	12	U	14	UJ	11	U
591-78-6	2-Hexanone	ug/kg	7	J	11		12	U	14	UJ	11	U
124-48-1	Dibromochloromethane	ug/kg	10	U	11	U	12	U	14	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	10	U	11	U	12	U	14	UJ	11	U
108-90-7	Chlorobenzene	ug/kg	10	U	11	U	12	U	14	UJ	11	U
100-41-4	Ethylbenzene	ug/kg	4	J	11	U	12	U	14	UJ	11	U
1330-20-7	Xylenes (total)	ug/kg	6	J	11	U	12	U	14	UJ	11	U
100-42-5	Styrene	ug/kg	3	J	11	U	12	U	14	UJ	11	U
75-25-2	Bromoform	ug/kg	10	U	11	U	12	U	14	U	11	U
98-82-8	Isopropylbenzene	ug/kg	2	J	11	U	12	U	14	UJ	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	10	U	11	U	12	U	14	UJ	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	10	U	11	U	12	U	14	UJ	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	10	U	11	U	12	U	14	UJ	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	10	U	11	U	12	U	14	UJ	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	10	U	11	U	12	U	14	UJ	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	2	J	11	U	12	U	14	UJ	11	U

303837

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02		SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02		SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02		SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02		SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	340	U	11	J	5	J	48	J	30	J
108-95-2	Phenol	ug/kg	340	U	350	U	380	U	440	U	430	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	340	U	350	U	380	U	440	U	430	U
95-57-8	2-Chlorophenol	ug/kg	340	U	350	U	380	U	440	U	430	U
95-48-7	2-Methylphenol	ug/kg	340	U	350	U	380	U	440	U	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	340	U	350	U	380	U	440	U	430	U
98-86-2	Acetophenone	ug/kg	340	U	15	J	380	U	440	U	430	U
106-44-5	4-Methylphenol	ug/kg	340	U	350	U	380	U	440	U	430	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	340	U	350	U	380	U	440	U	430	U
67-72-1	Hexachloroethene	ug/kg	340	U	350	U	380	U	440	U	430	U
98-95-3	Nitrobenzene	ug/kg	340	U	350	U	380	U	440	U	430	U
78-59-1	Isophorone	ug/kg	340	U	350	U	380	U	440	U	430	U
88-75-5	2-Nitrophenol	ug/kg	340	U	350	U	380	U	440	U	430	U
105-67-9	2,4-Dimethylphenol	ug/kg	340	U	350	U	380	U	440	U	430	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	340	U	350	U	380	U	440	U	430	U
120-83-2	2,4-Dichlorophenol	ug/kg	340	U	350	U	380	U	440	U	430	U
91-20-3	Naphthalene	ug/kg	340	U	350	U	380	U	440	U	430	U
106-47-8	p-Chloroaniline	ug/kg	340	U	350	U	380	U	440	U	430	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	340	U	350	UJ	380	UJ	440	UJ	430	UJ
105-60-2	Caprolactam	ug/kg	340	U	22	J	380	U	440	U	430	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	340	U	350	U	380	U	440	U	430	U
91-57-6	2-Methylnaphthalene	ug/kg	340	U	350	U	380	U	440	U	430	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	340	U	350	U	380	U	440	U	430	U
88-06-2	2,4,6-Trichlorophenol	ug/kg	340	U	350	U	380	U	440	U	430	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	860	U	880	U	940	U	1100	U	1100	U
92-52-4	1,1'-Biphenyl	ug/kg	340	U	14	J	380	U	440	U	430	U
91-58-7	2-Chloronaphthalene	ug/kg	340	U	350	U	380	U	440	U	430	U
88-74-4	2-Nitroaniline	ug/kg	860	U	880	U	940	U	1100	U	1100	U
131-11-3	Dimethyl phthalate	ug/kg	340	U	350	U	380	U	440	U	430	U
606-20-2	2,6-Dinitrotoluene	ug/kg	340	U	350	U	380	U	440	U	430	U
208-96-8	Acenaphthylene	ug/kg	340	U	350	U	380	U	440	U	430	U
99-09-2	3-Nitrooaniline	ug/kg	860	U	880	U	940	U	1100	U	1100	U
83-32-9	Acenaphthene	ug/kg	340	U	350	U	380	U	440	U	430	U

303838

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02		SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02		SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02		SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02		SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	860	UJ	0	R	0	R	0	R	0	R
100-02-7	4-Nitrophenol	ug/kg	860	U	880	UJ	940	UJ	1100	UJ	1100	UJ
132-64-9	Dibenzofuran	ug/kg	340	U	8	J	380	U	440	U	430	U
121-14-2	2,4-Dinitrotoluene	ug/kg	340	U	350	U	380	U	440	U	430	U
84-66-2	Diethyl phthalate	ug/kg	340	U	13	J	380	U	440	U	430	U
86-73-7	Fluorene	ug/kg	340	U	350	U	380	U	440	U	430	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	340	U	350	U	380	U	440	U	430	U
100-01-6	P-Nitroaniline	ug/kg	860	U	880	UJ	940	UJ	1100	UJ	1100	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	860	UJ	880	UJ	940	UJ	1100	UJ	1100	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	340	U	350	U	380	U	440	U	430	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	340	U	350	U	380	U	440	U	430	U
118-74-1	Hexachlorobenzene	ug/kg	340	U	350	U	380	U	440	U	430	U
1912-24-9	Atrazine	ug/kg	340	U	350	U	380	U	440	U	430	U
87-86-5	Pentachlorophenol	ug/kg	860	U	880	UJ	940	UJ	1100	UJ	1100	UJ
85-01-8	Phenanthrene	ug/kg	340	U	17	J	380	U	15	J	16	J
120-12-7	Anthracene	ug/kg	340	U	11	J	380	U	440	U	430	U
86-74-8	Carbazole	ug/kg	340	U	350	U	380	U	440	U	430	U
84-74-2	Di-n-butylphthalate	ug/kg	340	U	19	J	380	U	440	U	430	U
206-44-0	Fluoranthene	ug/kg	340	U	11	J	380	U	13	J	13	J
129-00-0	Pyrene	ug/kg	340	U	350	U	380	U	440	U	430	U
85-68-7	Benzyl butyl phthalate	ug/kg	340	U	15	J	380	U	440	U	430	U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	340	U	350	U	380	U	440	U	430	U
56-55-3	Benzo(a)anthracene	ug/kg	340	U	350	U	380	U	440	U	430	U
218-01-9	Chrysene	ug/kg	340	U	14	J	380	U	440	U	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	340	U	350	U	380	U	440	U	430	U
117-84-0	Di-n-octylphthalate	ug/kg	340	U	35	J	16	J	440	U	20	J
205-99-2	Benzo(b)fluoranthene	ug/kg	340	U	350	U	380	U	440	U	430	U
207-08-9	Benzo(k)fluoranthene	ug/kg	340	U	350	U	380	U	440	U	430	U
50-32-8	Benzo(a)pyrene	ug/kg	340	U	350	U	380	U	440	U	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	340	U	350	U	380	U	440	U	430	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	340	U	350	U	380	U	440	U	430	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	340	U	350	U	380	U	440	U	430	U

303839

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02		SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02		SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02		SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02		SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
319-85-7	beta-BHC	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
319-86-8	delta-BHC	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
76-44-8	Heptachlor	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
309-00-2	Aldrin	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
1024-57-3	Heptachlor Epoxide	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
959-98-8	Endosulfan I	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
60-57-1	Dieldrin	ug/kg	3.5	U	3.5	U	3.8	U	4.4	U	4.3	U
72-55-9	4,4'-DDE	ug/kg	3.5	U	3.5	U	3.8	U	4.4	U	4.3	U
72-20-8	Endrin	ug/kg	3.5	U	3.5	U	3.8	U	4.4	U	4.3	U
33213-65-9	Endosulfan II	ug/kg	3.5	U	3.5	U	3.8	U	4.4	U	4.3	U
72-54-8	4,4'-DDD	ug/kg	3.5	U	3.5	U	3.8	U	4.4	U	4.3	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.5	U	3.5	U	3.8	U	4.4	U	4.3	U
50-29-3	4,4'-DDT	ug/kg	3.5	U	3.5	U	3.8	U	4.4	U	4.3	U
72-43-5	Methoxychlor	ug/kg	18	U	18	U	19	U	23	U	22	U
53494-70-5	Endrin Ketone	ug/kg	3.5	U	3.5	U	3.8	U	4.4	U	4.3	U
7421-93-4	Endrin Aldehyde	ug/kg	3.5	U	3.5	U	3.8	U	4.4	U	4.3	U
5103-71-9	alpha-Chlordane	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
5103-74-2	gamma-Chlordane	ug/kg	1.8	U	1.8	U	1.9	U	2.3	U	2.2	U
8001-35-2	Toxphene	ug/kg	180	U	180	U	190	U	230	U	220	U
12674-11-2	Aroclor-1016	ug/kg	35	U	35	U	38	U	44	U	43	U
11104-28-2	Aroclor-1221	ug/kg	70	U	72	U	76	U	89	U	88	U
11141-16-5	Aroclor-1232	ug/kg	35	U	35	U	38	U	44	U	43	U
53469-21-9	Aroclor-1242	ug/kg	35	U	35	U	38	U	44	U	43	U
12672-29-6	Aroclor-1248	ug/kg	130		35	U	560		430		260	
11097-69-1	Aroclor-1254	ug/kg	35	U	34	J	38	U	44	U	43	U
11096-82-5	Aroclor-1260	ug/kg	35	U	35	U	32	J	34	J	43	U

303840

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02		SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02		SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02		SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02		SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	3310		4220		4260		3250		3650	
7440-36-0	Antimony	mg/kg	0.76	UJ	0.79	UJ	0.84	UJ	0.93	UJ	0.91	UJ
7440-38-2	Arsenic	mg/kg	1.2	B	1.3	B	0.89	B	0.76	U	0.78	B
7440-39-3	Barium	mg/kg	9.2	B	11.7	B	18.5	B	19.2	B	24.7	B
7440-41-7	Beryllium	mg/kg	0.16	B	0.15	B	0.18	B	0.15	B	0.17	B
7440-43-9	Cadmium	mg/kg	0.08	U	0.18	B	0.09	U	0.1	U	0.1	U
7440-70-2	Calcium	mg/kg	1340		946	B	477	B	615	B	714	B
7440-47-3	Chromium	mg/kg	3.7		4.4		4.7		4.2		4.6	
7440-48-4	Cobalt	mg/kg	2.3	B	2.6	B	2.5	B	1.4	B	1.5	B
7440-50-8	Copper	mg/kg	8.1		6.8		9.2		6.8		7.3	
7439-89-6	Iron	mg/kg	7350		7860		7100		5750		6060	
7439-92-1	Lead	mg/kg	4		3.4		6		6.1		8	
7439-95-4	Magnesium	mg/kg	966	B	1020	B	805	B	779	B	788	B
7439-96-5	Manganese	mg/kg	175	J	230	J	88.6	J	59	J	65.1	J
7439-97-6	Mercury	mg/kg	0	R	0	R	0	R	0	R	0	R
7440-02-0	Nickel	mg/kg	5.8	B	7	B	5.8	B	4.7	B	5.1	B
7440-09-7	Potassium	mg/kg	281	B	291	B	244	B	231	B	231	B
7782-49-2	Selenium	mg/kg	0.98	U	1	U	1.1	U	1.2	U	1.2	U
7440-22-4	Silver	mg/kg	0.2	U	0.21	U	0.23	U	0.25	U	0.24	U
7440-23-5	Sodium	mg/kg	335	BJ	311	BJ	257	BJ	354	BJ	347	BJ
7440-28-0	Thallium	mg/kg	1.1	UJ	1.1	UJ	1.2	UJ	1.3	UJ	1.3	UJ
7440-62-2	Vanadium	mg/kg	7	B	8	B	8.1	B	7.3	B	7.4	B
7440-66-6	Zinc	mg/kg	20	J	25.1	J	17.5	J	29.8	J	40.3	J

303841

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02	SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02	SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02	SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02	SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02
Add-I	**Additional Parameters**						
7440-23-5	Sodium	MEQ/kg	300	450	490	490	1600
GIS-110-012	Total Organic Carbon	mg/kg	1280	1120	3400	20800	13500
12408-02-5	pH	S.U.	7.81	6.25	6.6	6.36	6.31
Grain-85	**Grain - 3 members**						
No.4(4.75-mm)	No. 4 (4.75-mm)	%	7.84	0.51	5.49	5.55	8.5
No.10(2.00-mm	No. 10 (2.00-mm)	%	3.45	1.44	9.08	5.93	20.1
No.40(0.425)	No. 40 (0.425)	%	66.2	9.1	22.5	19.9	20.4
Grain-90	**Grain - 6 members**						
105	<105	%					
105-425	105-425	%					
425 - 500	425 - 500	%					
500 - 850	500 - 850	%					
850 - 2380	850 - 2380	%					
2380	>2380	%					

303842

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02		SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03		SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03		SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03		SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	10	U	53	U	57	U	11	U	11	UJ
74-87-3	Chloromethane	ug/kg	10	U	53	U	57	U	11	U	11	UJ
75-01-4	Vinyl Chloride	ug/kg	10	U	53	U	57	U	11	U	11	UJ
74-83-9	Bromomethane	ug/kg	10	U	53	U	57	U	11	U	11	UJ
75-00-3	Chloroethane	ug/kg	10	U	53	U	57	U	11	U	11	UJ
75-69-4	Trichlorofluoromethane	ug/kg	10	U	53	U	57	U	11	U	11	UJ
75-35-4	1,1-Dichloroethene	ug/kg	10	U	53	U	57	U	11	U	11	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	10	U	53	U	57	U	11	U	11	UJ
67-64-1	Acetone	ug/kg	66	UJ	53	UJ	57	UJ	11	UJ	11	UJ
75-15-0	Carbon Disulfide	ug/kg	10	U	53	U	57	U	11	U	11	UJ
79-20-9	Methyl Acetate	ug/kg	10	U	53	U	57	U	11	U	11	UJ
75-09-2	Methylene Chloride	ug/kg	1	J	53	U	57	U	11	U	11	UJ
156-60-5	trans-1,2-Dichloroethene	ug/kg	10	U	53	U	57	U	11	U	11	UJ
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10	U	53	U	57	U	11	U	11	UJ
75-34-3	1,1-Dichloroethane	ug/kg	10	U	53	U	57	U	11	U	11	UJ
156-59-2	cis-1,2-Dichloroethene	ug/kg	10	U	53	U	57	U	11	U	11	UJ
78-93-3	2-Butanone	ug/kg	5	J	53	U	57	U	11	U	11	UJ
67-66-3	Chloroform	ug/kg	10	U	53	U	57	U	11	U	11	UJ
71-55-6	1,1,1-Trichloroethane	ug/kg	10	U	53	U	57	U	11	U	11	U
110-82-7	Cyclohexane	ug/kg	10	U	53	U	57	U	11	U	11	U
56-23-5	Carbon Tetrachloride	ug/kg	10	U	53	U	57	U	11	U	11	U
71-43-2	Benzene	ug/kg	10	U	53	U	57	U	11	U	11	U
107-06-2	1,2-Dichloroethane	ug/kg	10	U	53	U	57	U	11	U	11	UJ
79-01-6	Trichloroethene	ug/kg	10	U	53	U	57	U	11	U	11	U
108-87-2	Methylcyclohexane	ug/kg	10	U	53	U	57	U	11	U	11	U
78-87-5	1,2-Dichloropropane	ug/kg	10	U	53	U	57	U	11	U	11	U
75-27-4	Bromodichloromethane	ug/kg	10	U	53	U	57	U	11	U	11	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10	U	53	U	57	U	11	U	11	U
108-10-1	4-Methyl-2-pentanone	ug/kg	10	U	53	U	57	U	11	U	11	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02		SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03		SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03		SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03		SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03	
108-88-3	Toluene	ug/kg	10	U	53	U	57	U	11	U	11	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10	U	53	U	57	U	11	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	10	U	53	U	57	U	11	U	11	U
127-18-4	Tetrachloroethene	ug/kg	10	U	53	U	57	U	11	U	11	U
591-78-6	2-Hexanone	ug/kg	10	U	53	U	57	U	11	U	11	U
124-48-1	Dibromochloromethane	ug/kg	10	U	53	U	57	U	11	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	10	U	53	U	57	U	11	U	11	U
108-90-7	Chlorobenzene	ug/kg	10	U	53	U	57	U	11	U	11	U
100-41-4	Ethylbenzene	ug/kg	10	U	53	U	57	U	11	U	11	U
1330-20-7	Xylenes (total)	ug/kg	10	U	53	U	57	U	11	U	11	U
100-42-5	Styrene	ug/kg	10	U	53	U	57	U	11	U	11	U
75-25-2	Bromoform	ug/kg	10	U	53	U	57	U	11	U	11	U
98-82-8	Isopropylbenzene	ug/kg	10	U	53	U	57	U	11	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	10	U	53	U	57	U	11	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	10	U	53	U	57	U	11	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	10	U	53	U	57	U	11	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	10	U	53	U	57	U	11	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	10	U	53	U	57	U	11	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	10	U	53	U	57	U	11	U	11	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02		SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03		SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03		SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03		SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	24	J	350	UJ	380	UJ	400	UJ	410	UJ
108-95-2	Phenol	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
95-57-8	2-Chlorophenol	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
95-48-7	2-Methylphenol	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
98-86-2	Acetophenone	ug/kg	13	J	350	UJ	380	UJ	400	UJ	410	UJ
106-44-5	4-Methylphenol	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
67-72-1	Hexachloroethene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
98-95-3	Nitrobenzene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
78-59-1	Isophorone	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
88-75-5	2-Nitrophenol	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
91-20-3	Naphthalene	ug/kg	9	J	350	UJ	380	UJ	400	UJ	410	UJ
106-47-8	p-Chloroaniline	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	400	UJ	350	UJ	380	UJ	400	UJ	410	UJ
105-60-2	Caprolactam	ug/kg	21	J	350	UJ	380	UJ	400	UJ	410	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
91-57-6	2-Methylnaphthalene	ug/kg	13	J	350	UJ	380	UJ	400	UJ	410	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	1000	U	880	UJ	940	UJ	1000	UJ	1000	UJ
92-52-4	1,1'-Biphenyl	ug/kg	30	J	350	UJ	380	UJ	400	UJ	410	UJ
91-58-7	2-Chloronaphthalene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
88-74-4	2-Nitroaniline	ug/kg	1000	U	880	UJ	940	UJ	1000	UJ	1000	UJ
131-11-3	Dimethyl phthalate	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
208-96-8	Acenaphthylene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
99-09-2	3-Nitrooaniline	ug/kg	1000	U	880	UJ	940	UJ	1000	UJ	1000	UJ
83-32-9	Acenaphthene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02		SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03		SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03		SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03		SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	0	R	880	UJ	940	UJ	1000	UJ	1000	UJ
100-02-7	4-Nitrophenol	ug/kg	1000	UJ	880	UJ	940	UJ	1000	UJ	1000	UJ
132-64-9	Dibenzofuran	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
84-66-2	Diethyl phthalate	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
86-73-7	Fluorene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
100-01-6	P-Nitroaniline	ug/kg	1000	UJ	880	UJ	940	UJ	1000	UJ	1000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1000	UJ	880	UJ	940	UJ	1000	UJ	1000	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
118-74-1	Hexachlorobenzene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
1912-24-9	Atrazine	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
87-86-5	Pentachlorophenol	ug/kg	1000	UJ	880	UJ	940	UJ	1000	UJ	1000	UJ
85-01-8	Phenanthrene	ug/kg	45	J	350	UJ	380	UJ	400	UJ	410	UJ
120-12-7	Anthracene	ug/kg	19	J	350	UJ	380	UJ	400	UJ	410	UJ
86-74-8	Carbazole	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
84-74-2	Di-n-butylphthalate	ug/kg	84	J	350	UJ	380	UJ	400	UJ	410	UJ
206-44-0	Fluoranthene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
129-00-0	Pyrene	ug/kg	20	J	350	UJ	380	UJ	400	UJ	410	UJ
85-68-7	Benzyl butyl phthalate	ug/kg	13	J	350	UJ	380	UJ	400	UJ	410	UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
56-55-3	Benzo(a)anthracene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
218-01-9	Chrysene	ug/kg	32	J	350	UJ	380	UJ	400	UJ	410	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	1100		350	UJ	380	UJ	400	UJ	410	UJ
117-84-0	Di-n-octylphthalate	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	38	J	350	UJ	380	UJ	400	UJ	410	UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
50-32-8	Benzo(a)pyrene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	400	U	350	UJ	380	UJ	400	UJ	410	UJ

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02		SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03		SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03		SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03		SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	4.1	NJ	1.8	UJ	1.9	UJ	2.1	UJ	2.1	UJ
319-85-7	beta-BHC	ug/kg	2	U	1.8	U	1.9	U	2.1	U	2.1	U
319-86-8	delta-BHC	ug/kg	2	U	1.8	U	1.9	U	2.1	U	2.1	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2	U	1.8	UJ	1.9	UJ	2.1	UJ	2.1	UJ
76-44-8	Heptachlor	ug/kg	2	U	1.8	U	1.9	U	2.1	U	2.1	U
309-00-2	Aldrin	ug/kg	2	U	1.8	U	1.9	U	2.1	U	2.1	U
1024-57-3	Heptachlor Epoxide	ug/kg	2	U	1.8	U	1.9	U	2.1	U	2.1	U
959-98-8	Endosulfan I	ug/kg	2	U	1.8	U	1.9	U	2.1	U	2.1	U
60-57-1	Dieldrin	ug/kg	4	U	3.5	U	3.8	U	4	U	4.1	U
72-55-9	4,4'-DDE	ug/kg	4	U	3.5	U	3.8	U	4	U	4.1	U
72-20-8	Endrin	ug/kg	4	U	3.5	U	3.8	U	4	U	4.1	U
33213-65-9	Endosulfan II	ug/kg	4	U	3.5	U	3.8	U	4	U	4.1	U
72-54-8	4,4'-DDD	ug/kg	4	U	3.5	U	3.8	U	4	U	4.1	U
1031-07-8	Endosulfan Sulfate	ug/kg	4	U	3.5	U	3.8	U	4	U	4.1	U
50-29-3	4,4'-DDT	ug/kg	4	U	3.5	U	3.8	U	4	U	4.1	U
72-43-5	Methoxychlor	ug/kg	20	U	18	U	19	U	21	U	21	U
53494-70-5	Endrin Ketone	ug/kg	4	U	3.5	U	3.8	U	4	U	4.1	U
7421-93-4	Endrin Aldehyde	ug/kg	4	U	3.5	U	3.8	U	4	U	4.1	U
5103-71-9	alpha-Chlordane	ug/kg	2	U	1.8	UJ	1.9	UJ	2.1	UJ	2.1	UJ
5103-74-2	gamma-Chlordane	ug/kg	2	U	1.8	U	1.9	U	2.1	U	2.1	U
8001-35-2	Toxphene	ug/kg	200	U	180	U	190	U	210	U	210	U
12674-11-2	Aroclor-1016	ug/kg	40	U	35	U	38	U	40	U	41	U
11104-28-2	Aroclor-1221	ug/kg	81	U	71	U	76	U	82	U	83	U
11141-16-5	Aroclor-1232	ug/kg	40	U	35	U	38	U	40	U	41	U
53469-21-9	Aroclor-1242	ug/kg	40	U	35	U	38	U	40	U	41	U
12672-29-6	Aroclor-1248	ug/kg	540	J	35	U	38	U	40	U	41	U
11097-69-1	Aroclor-1254	ug/kg	40	U	35	U	38	U	40	U	41	U
11096-82-5	Aroclor-1260	ug/kg	40	U	35	U	38	U	40	U	41	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02		SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03		SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03		SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03		SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	6370		3750		4740		6750		3820	
7440-36-0	Antimony	mg/kg	0.83	UJ	0.78	U	0.81	U	0.93	U	0.95	U
7440-38-2	Arsenic	mg/kg	2.4		1.4	B	2.5		3.6		2.7	
7440-39-3	Barium	mg/kg	26	B	9.5	B	11.4	B	28.2	B	15.1	B
7440-41-7	Beryllium	mg/kg	0.3	B	0.31	B	0.37	B	0.51	B	0.39	B
7440-43-9	Cadmium	mg/kg	0.09	U	0.08	U	0.09	U	0.1	U	0.1	U
7440-70-2	Calcium	mg/kg	514	B	488	B	293	B	922	B	1160	B
7440-47-3	Chromium	mg/kg	7.1		3.8	J	5.6	J	9.2	J	5.5	J
7440-48-4	Cobalt	mg/kg	4.9	B	2.8	B	4	B	5.9	B	5	B
7440-50-8	Copper	mg/kg	11.7		6.5	J	9.1	J	15.5	J	12.3	J
7439-89-6	Iron	mg/kg	13500		7270		10900		15300		10700	
7439-92-1	Lead	mg/kg	10.7		3.3		3.5		5		3.7	
7439-95-4	Magnesium	mg/kg	1520		950	B	1240		2080		1370	
7439-96-5	Manganese	mg/kg	159	J	187		201		488		828	
7439-97-6	Mercury	mg/kg	798	J	4.2		0.051	U	0.4		1.1	
7440-02-0	Nickel	mg/kg	9.4		6.9	B	7.5	B	12		8.3	B
7440-09-7	Potassium	mg/kg	384	B	273	B	378	B	671	B	536	B
7782-49-2	Selenium	mg/kg	1.1	U	1	U	1	U	1.2	U	1.2	U
7440-22-4	Silver	mg/kg	0.22	U	0.21	B	0.22	U	0.25	U	0.26	U
7440-23-5	Sodium	mg/kg	343	BJ	254	BJ	205	BJ	289	BJ	298	BJ
7440-28-0	Thallium	mg/kg	1.2	UJ	1.1	UJ	1.1	UJ	1.3	UJ	1.3	UJ
7440-62-2	Vanadium	mg/kg	11.7		7.4	B	9.8	B	13.1	J	8.2	B
7440-66-6	Zinc	mg/kg	24.5	J	48.8	J	25.2	J	32.4	J	27.1	J

303848

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02	SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03	SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03	SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03	SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03
Add-I	**Additional Parameters**						
7440-23-5	Sodium	MEQ/kg	980	450	660	2700	1200
GIS-110-012	Total Organic Carbon	mg/kg	2310	2110	10400	3380	1100
12408-02-5	pH	S.U.	6.3	7.04	5.47	5.78	5.7
Grain-85	**Grain - 3 members**						
No.4(4.75-mm)	No. 4 (4.75-mm)	%	19.6	5.91	18.2	35	29.3
No.10(2.00-mm	No. 10 (2.00-mm)	%	34.5	6.4	19.6	28.9	26.1
No.40(0.425)	No. 40 (0.425)	%	18.7	22	16.6	22.5	17.9
Grain-90	**Grain - 6 members**						
105	<105	%					
105-425	105-425	%					
425 - 500	425 - 500	%					
500 - 850	500 - 850	%					
850 - 2380	850 - 2380	%					
2380	>2380	%					

303849

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03		SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04		SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04		SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04		SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	11	U	49	UJ	11	UJ	12	UJ	53	UJ
74-87-3	Chloromethane	ug/kg	11	U	49	U	11	U	12	U	53	U
75-01-4	Vinyl Chloride	ug/kg	11	U	49	U	11	U	12	U	53	U
74-83-9	Bromomethane	ug/kg	11	U	49	U	11	U	12	U	53	U
75-00-3	Chloroethane	ug/kg	11	U	49	U	11	U	12	U	53	U
75-69-4	Trichlorofluoromethane	ug/kg	11	U	49	U	11	U	12	U	53	U
75-35-4	1,1-Dichloroethene	ug/kg	11	U	49	U	11	U	12	U	53	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	U	49	U	11	U	12	U	53	U
67-64-1	Acetone	ug/kg	11	UJ	49	UJ	11	UJ	12	UJ	53	UJ
75-15-0	Carbon Disulfide	ug/kg	11	U	49	U	11	U	12	U	53	U
79-20-9	Methyl Acetate	ug/kg	11	U	49	UJ	11	UJ	12	UJ	53	UJ
75-09-2	Methylene Chloride	ug/kg	11	U	49	U	11	U	12	U	53	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	U	49	U	11	U	12	U	53	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	U	49	U	11	U	12	U	53	U
75-34-3	1,1-Dichloroethane	ug/kg	11	U	49	U	11	U	12	U	53	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	U	49	U	11	U	12	U	53	U
78-93-3	2-Butanone	ug/kg	11	U	49	U	11	U	12	U	53	U
67-66-3	Chloroform	ug/kg	8	J	49	U	11	U	12	U	53	U
71-55-6	1,1,1-Trichloroethane	ug/kg	11	U	49	U	11	U	12	U	53	U
110-82-7	Cyclohexane	ug/kg	11	U	49	U	11	U	12	U	53	U
56-23-5	Carbon Tetrachloride	ug/kg	11	U	49	U	11	U	12	U	53	U
71-43-2	Benzene	ug/kg	11	U	49	U	11	U	12	U	53	U
107-06-2	1,2-Dichloroethane	ug/kg	11	U	49	U	11	U	12	U	53	U
79-01-6	Trichloroethene	ug/kg	11	U	49	U	11	U	12	U	53	U
108-87-2	Methylcyclohexane	ug/kg	11	U	49	U	11	U	12	U	53	U
78-87-5	1,2-Dichloropropane	ug/kg	11	U	49	U	11	U	12	U	53	U
75-27-4	Bromodichloromethane	ug/kg	1	J	49	U	11	U	12	U	53	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	U	49	U	11	U	12	U	53	U
108-10-1	4-Methyl-2-pentanone	ug/kg	11	U	49	U	11	U	12	U	53	U

303850

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03		SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04		SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04		SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04		SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04	
108-88-3	Toluene	ug/kg	11	U	49	U	11	U	12	U	53	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	U	49	U	11	U	12	U	53	U
79-00-5	1,1,2-Trichloroethane	ug/kg	11	U	49	U	11	U	12	U	53	U
127-18-4	Tetrachloroethene	ug/kg	11	U	28	J	20		2	J	53	U
591-78-6	2-Hexanone	ug/kg	11	U	49	U	11	U	12	U	53	U
124-48-1	Dibromochloromethane	ug/kg	11	U	49	U	11	U	12	U	53	U
106-93-4	1,2-Dibromoethane	ug/kg	11	U	49	U	11	U	12	U	53	U
108-90-7	Chlorobenzene	ug/kg	11	U	49	U	11	U	12	U	53	U
100-41-4	Ethylbenzene	ug/kg	11	U	49	U	11	U	12	U	53	U
1330-20-7	Xylenes (total)	ug/kg	11	U	49	U	11	U	12	U	53	U
100-42-5	Styrene	ug/kg	11	U	49	U	11	U	12	U	53	U
75-25-2	Bromoform	ug/kg	11	U	49	U	11	U	12	U	53	U
98-82-8	Isopropylbenzene	ug/kg	11	U	49	U	11	U	12	U	53	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	U	49	U	11	U	12	U	53	U
541-73-1	1,3-Dichlorobenzene	ug/kg	11	U	49	U	11	U	12	U	53	U
106-46-7	1,4-Dichlorobenzene	ug/kg	11	U	49	U	11	U	12	U	53	U
95-50-1	1,2-Dichlorobenzene	ug/kg	11	U	49	U	11	U	12	U	53	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	U	49	U	11	U	12	U	53	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	U	49	U	11	U	12	U	53	U

303851

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03		SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04		SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04		SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04		SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
108-95-2	Phenol	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
95-57-8	2-Chlorophenol	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
95-48-7	2-Methylphenol	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
98-86-2	Acetophenone	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
106-44-5	4-Methylphenol	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
67-72-1	Hexachloroethene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
98-95-3	Nitrobenzene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
78-59-1	Isophorone	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
88-75-5	2-Nitrophenol	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
91-20-3	Naphthalene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
106-47-8	p-Chloroaniline	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
105-60-2	Caprolactam	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
91-57-6	2-Methylnaphthalene	ug/kg	390	UJ	57	J	350	UJ	350	UJ	350	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	990	UJ	900	UJ	880	UJ	880	UJ	870	UJ
92-52-4	1,1'-Biphenyl	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
91-58-7	2-Chloronaphthalene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
88-74-4	2-Nitroaniline	ug/kg	990	UJ	900	UJ	880	UJ	880	UJ	870	UJ
131-11-3	Dimethyl phthalate	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
208-96-8	Acenaphthylene	ug/kg	390	UJ	37	J	350	UJ	350	UJ	350	UJ
99-09-2	3-Nitroaniline	ug/kg	990	UJ	900	UJ	880	UJ	880	UJ	870	UJ
83-32-9	Acenaphthene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03		SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04		SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04		SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04		SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	990	UJ	900	UJ	880	UJ	880	UJ	870	UJ
100-02-7	4-Nitrophenol	ug/kg	990	UJ	900	UJ	880	UJ	880	UJ	870	UJ
132-64-9	Dibenzofuran	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
84-66-2	Diethyl phthalate	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
86-73-7	Fluorene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
100-01-6	P-Nitroaniline	ug/kg	990	UJ	900	UJ	880	UJ	880	UJ	870	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	990	UJ	900	UJ	880	UJ	880	UJ	870	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
118-74-1	Hexachlorobenzene	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
1912-24-9	Atrazine	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
87-86-5	Pentachlorophenol	ug/kg	990	UJ	900	UJ	880	UJ	880	UJ	870	UJ
85-01-8	Phenanthrene	ug/kg	390	UJ	150	J	350	UJ	350	UJ	350	UJ
120-12-7	Anthracene	ug/kg	390	UJ	51	J	350	UJ	350	UJ	350	UJ
86-74-8	Carbazole	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
84-74-2	Di-n-butylphthalate	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
206-44-0	Fluoranthene	ug/kg	390	UJ	550	J	350	UJ	350	UJ	350	UJ
129-00-0	Pyrene	ug/kg	390	UJ	510	J	350	UJ	350	UJ	350	UJ
85-68-7	Benzyl butyl phthalate	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
56-55-3	Benzo(a)anthracene	ug/kg	390	UJ	310	J	350	UJ	350	UJ	350	UJ
218-01-9	Chrysene	ug/kg	390	UJ	300	J	350	UJ	350	UJ	350	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
117-84-0	Di-n-octylphthalate	ug/kg	390	UJ	360	UJ	350	UJ	350	UJ	350	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	390	UJ	380	J	350	UJ	350	UJ	350	UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	390	UJ	130	J	350	UJ	350	UJ	350	UJ
50-32-8	Benzo(a)pyrene	ug/kg	390	UJ	270	J	350	UJ	350	UJ	350	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	390	UJ	140	J	350	UJ	350	UJ	350	UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	390	UJ	55	J	350	UJ	350	UJ	350	UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	390	UJ	150	J	350	UJ	350	UJ	350	UJ

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03		SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04		SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04		SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04		SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ
319-85-7	beta-BHC	ug/kg	2	U	1.8	U	1.8	U	1.8	U	1.8	U
319-86-8	delta-BHC	ug/kg	2	U	1.8	U	1.8	U	1.8	U	1.8	U
58-89-9	gamma-BHC (Lindane)	ug/kg	2	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ
76-44-8	Heptachlor	ug/kg	2	U	1.8	U	1.8	U	1.8	U	1.8	U
309-00-2	Aldrin	ug/kg	2	U	1.8	U	1.8	U	1.8	U	1.8	U
1024-57-3	Heptachlor Epoxide	ug/kg	2	U	1.8	U	1.8	U	1.8	U	1.8	U
959-98-8	Endosulfan I	ug/kg	2	U	1.8	U	1.8	U	1.8	U	1.8	U
60-57-1	Dieldrin	ug/kg	3.9	U	3.6	U	3.5	U	3.5	U	3.5	U
72-55-9	4,4'-DDE	ug/kg	3.9	U	3.6	U	3.5	U	3.5	U	3.5	U
72-20-8	Endrin	ug/kg	3.9	U	3.6	U	3.5	U	3.5	U	3.5	U
33213-65-9	Endosulfan II	ug/kg	3.9	U	3.6	U	3.5	U	3.5	U	3.5	U
72-54-8	4,4'-DDD	ug/kg	3.9	U	3.6	U	3.5	U	3.5	U	3.5	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.9	U	3.6	U	3.5	U	3.5	U	3.5	U
50-29-3	4,4'-DDT	ug/kg	3.9	U	3.6	U	3.5	U	3.5	U	3.5	U
72-43-5	Methoxychlor	ug/kg	20	U	19		18	U	18	U	18	U
53494-70-5	Endrin Ketone	ug/kg	3.9	U	3.3	J	3.5	U	3.5	U	3.5	U
7421-93-4	Endrin Aldehyde	ug/kg	3.9	U	3.6	U	3.5	U	3.5	U	3.5	U
5103-71-9	alpha-Chlordane	ug/kg	2	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ
5103-74-2	gamma-Chlordane	ug/kg	2	U	1.8	U	1.8	U	1.8	U	1.8	U
8001-35-2	Toxphene	ug/kg	200	U	180	U	180	U	180	U	180	U
12674-11-2	Aroclor-1016	ug/kg	39	U	36	U	35	U	35	U	35	U
11104-28-2	Aroclor-1221	ug/kg	80	U	73	U	71	U	71	U	71	U
11141-16-5	Aroclor-1232	ug/kg	39	U	36	U	35	U	35	U	35	U
53469-21-9	Aroclor-1242	ug/kg	39	U	36	U	35	U	35	U	35	U
12672-29-6	Aroclor-1248	ug/kg	39	U	36	U	35	U	35	U	35	U
11097-69-1	Aroclor-1254	ug/kg	39	U	36	U	35	U	35	U	35	U
11096-82-5	Aroclor-1260	ug/kg	39	U	36	U	35	U	35	U	35	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03		SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04		SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04		SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04		SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	2360		3780		3750		3530		3670	
7440-36-0	Antimony	mg/kg	0.87	U	0.81	UJ	0.79	UJ	0.72	U	0.76	UJ
7440-38-2	Arsenic	mg/kg	1.9	B	2.4		1.6	B	1	B	1.5	B
7440-39-3	Barium	mg/kg	15.6	B	20.4	B	14.2	B	13.4	B	12.7	B
7440-41-7	Beryllium	mg/kg	0.26	B	0.34	B	0.31	B	0.26	B	0.31	B
7440-43-9	Cadmium	mg/kg	0.09	U	0.09	U	0.09	U	0.08	U	0.08	U
7440-70-2	Calcium	mg/kg	17100	J	941	B	541	B	364	B	485	B
7440-47-3	Chromium	mg/kg	4.1	J	5.3		4.3		3.5		5.7	
7440-48-4	Cobalt	mg/kg	2.5	B	2.7	B	2.9	B	2.4	B	2.5	B
7440-50-8	Copper	mg/kg	6.7	J	13.2	J	10.3	J	5.5	J	7.7	J
7439-89-6	Iron	mg/kg	6510		8800		7730		6320		7370	
7439-92-1	Lead	mg/kg	2.5		16.5	J	4.9	J	3.3		6.1	J
7439-95-4	Magnesium	mg/kg	4430		951	B	1010	B	909	B	995	B
7439-96-5	Manganese	mg/kg	202		161		208		235		204	
7439-97-6	Mercury	mg/kg	0.058	B	36.6	J	0.24	J	0.15	J	0.54	J
7440-02-0	Nickel	mg/kg	6.2	B	6.4	B	6.1	B	5.9	B	6.2	B
7440-09-7	Potassium	mg/kg	426	B	315	B	346	B	299	B	325	B
7782-49-2	Selenium	mg/kg	1.1	U	1	U	1	U	0.94	U	0.98	U
7440-22-4	Silver	mg/kg	0.23	U	0.22	U	0.21	U	0.2	U	0.2	U
7440-23-5	Sodium	mg/kg	279	BJ	280	BJ	270	BJ	277	BJ	298	BJ
7440-28-0	Thallium	mg/kg	1.2	UJ	1.1	UJ	1.1	UJ	1	UJ	1.1	UJ
7440-62-2	Vanadium	mg/kg	5.4	B	8.6	B	7	B	6	B	6.6	B
7440-66-6	Zinc	mg/kg	16.8	J	25	J	19.1	J	15	J	18.2	J

303855

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03	SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04	SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04	SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04	SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04
Add-I	**Additional Parameters**						
7440-23-5	Sodium	MEQ/kg	250	770	510	360	400
GIS-110-012	Total Organic Carbon	mg/kg	1510	19000	4330	1390	1620
12408-02-5	pH	S.U.	8.34	7.64	7.3	7.07	7.56
Grain-85	**Grain - 3 members**						
No.4(4.75-mm)	No. 4 (4.75-mm)	%	21.7	6.12	4.53	3.37	2.94
No.10(2.00-mm	No. 10 (2.00-mm)	%	13.8	9.45	4.07	2.98	2.86
No.40(0.425)	No. 40 (0.425)	%	7.31	32.3	26	17.7	20.7
Grain-90	**Grain - 6 members**						
105	<105	%					
105-425	105-425	%					
425 - 500	425 - 500	%					
500 - 850	500 - 850	%					
850 - 2380	850 - 2380	%					
2380	>2380	%					

303856

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04		SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04		SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04		SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D		SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	11	UJ	57	UJ	60	UJ	10	U	10	U
74-87-3	Chloromethane	ug/kg	11	U	57	U	60	U	10	U	10	U
75-01-4	Vinyl Chloride	ug/kg	11	U	57	U	60	U	10	U	10	U
74-83-9	Bromomethane	ug/kg	11	U	57	U	60	U	10	U	10	U
75-00-3	Chloroethane	ug/kg	11	U	57	U	60	U	10	U	10	U
75-69-4	Trichlorofluoromethane	ug/kg	11	U	57	U	60	U	10	U	10	U
75-35-4	1,1-Dichloroethene	ug/kg	11	U	57	U	60	U	10	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	11	U	57	U	60	U	10	U	10	U
67-64-1	Acetone	ug/kg	11	UJ	57	UJ	130	UJ	82	UJ	100	UJ
75-15-0	Carbon Disulfide	ug/kg	11	U	57	U	60	U	1	J	10	U
79-20-9	Methyl Acetate	ug/kg	11	UJ	57	UJ	60	UJ	10	U	10	U
75-09-2	Methylene Chloride	ug/kg	11	U	57	U	60	U	1	J	2	J
156-60-5	trans-1,2-Dichloroethene	ug/kg	11	U	57	U	60	U	10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	11	U	57	U	60	U	10	U	10	U
75-34-3	1,1-Dichloroethane	ug/kg	11	U	57	U	60	U	10	U	10	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	11	U	57	U	60	U	10	U	10	U
78-93-3	2-Butanone	ug/kg	11	U	57	U	60	U	7	J	12	
67-66-3	Chloroform	ug/kg	11	U	57	U	60	U	10	U	10	U
71-55-6	1,1,1-Trichloroethane	ug/kg	11	U	57	U	60	U	2	J	10	U
110-82-7	Cyclohexane	ug/kg	11	U	57	U	60	U	10	U	10	U
56-23-5	Carbon Tetrachloride	ug/kg	11	U	57	U	60	U	10	U	10	U
71-43-2	Benzene	ug/kg	11	U	57	U	60	U	10	U	10	U
107-06-2	1,2-Dichloroethane	ug/kg	11	U	57	U	60	U	10	U	10	U
79-01-6	Trichloroethene	ug/kg	11	U	57	U	60	U	10	U	10	U
108-87-2	Methylcyclohexane	ug/kg	11	U	57	U	60	U	10	U	10	U
78-87-5	1,2-Dichloropropane	ug/kg	11	U	57	U	60	U	10	U	10	U
75-27-4	Bromodichloromethane	ug/kg	11	U	57	U	60	U	10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	11	U	57	U	60	U	10	U	10	U
108-10-1	4-Methyl-2-pentanone	ug/kg	11	U	57	U	60	U	10	U	10	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04		SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04		SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04		SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D		SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D	
108-88-3	Toluene	ug/kg	11	U	57	U	60	U	10	U	10	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	11	U	57	U	60	U	10	U	10	U
79-00-5	1,1,2-Trichloroethane	ug/kg	11	U	57	U	60	U	10	U	10	U
127-18-4	Tetrachloroethene	ug/kg	11	U	6	J	60	U	10	U	10	U
591-78-6	2-Hexanone	ug/kg	11	U	57	U	60	U	10	U	10	U
124-48-1	Dibromochloromethane	ug/kg	11	U	57	U	60	U	10	U	10	U
106-93-4	1,2-Dibromoethane	ug/kg	11	U	57	U	60	U	10	U	10	U
108-90-7	Chlorobenzene	ug/kg	11	U	57	U	60	U	10	U	10	U
100-41-4	Ethylbenzene	ug/kg	11	U	57	U	60	U	10	U	10	U
1330-20-7	Xylenes (total)	ug/kg	11	U	57	U	60	U	10	U	10	U
100-42-5	Styrene	ug/kg	11	U	57	U	60	U	10	U	10	U
75-25-2	Bromoform	ug/kg	11	U	57	U	60	U	10	U	10	U
98-82-8	Isopropylbenzene	ug/kg	11	U	57	U	60	U	10	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	11	U	57	U	60	U	10	U	10	U
541-73-1	1,3-Dichlorobenzene	ug/kg	11	U	57	U	60	U	10	U	10	U
106-46-7	1,4-Dichlorobenzene	ug/kg	11	U	57	U	60	U	10	U	10	U
95-50-1	1,2-Dichlorobenzene	ug/kg	11	U	57	U	60	U	10	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	11	U	57	U	60	U	10	U	10	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	11	U	57	U	60	U	10	U	10	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04		SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04		SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04		SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D		SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	350	UJ	380	UJ	400	UJ	15	J	9	J
108-95-2	Phenol	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
95-57-8	2-Chlorophenol	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
95-48-7	2-Methylphenol	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
98-86-2	Acetophenone	ug/kg	350	UJ	380	UJ	400	UJ	16	J	12	J
106-44-5	4-Methylphenol	ug/kg	350	UJ	380	UJ	44	J	400	U	380	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
67-72-1	Hexachloroethene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
98-95-3	Nitrobenzene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
78-59-1	Isophorone	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
88-75-5	2-Nitrophenol	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
105-67-9	2,4-Dimethylphenol	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
120-83-2	2,4-Dichlorophenol	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
91-20-3	Naphthalene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
106-47-8	p-Chloroaniline	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
105-60-2	Caprolactam	ug/kg	350	UJ	380	UJ	400	UJ	400	U	23	J
59-50-7	4-Chloro-3-methylphenol	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
91-57-6	2-Methylnaphthalene	ug/kg	350	UJ	380	UJ	400	UJ	15	J	380	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	350	UJ	380	UJ	400	UJ	400	UJ	380	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	870	UJ	950	UJ	1000	UJ	1000	U	970	U
92-52-4	1,1'-Biphenyl	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
91-58-7	2-Chloronaphthalene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	93	J
88-74-4	2-Nitroaniline	ug/kg	870	UJ	950	UJ	1000	UJ	1000	U	970	U
131-11-3	Dimethyl phthalate	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
606-20-2	2,6-Dinitrotoluene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
208-96-8	Acenaphthylene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
99-09-2	3-Nitrooaniline	ug/kg	870	UJ	950	UJ	1000	UJ	1000	U	970	U
83-32-9	Acenaphthene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04		SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04		SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04		SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D		SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	870	UJ	950	UJ	1000	UJ	1000	UJ	970	UJ
100-02-7	4-Nitrophenol	ug/kg	870	UJ	950	UJ	1000	UJ	1000	U	970	U
132-64-9	Dibenzofuran	ug/kg	350	UJ	380	UJ	400	UJ	22	J	380	U
121-14-2	2,4-Dinitrotoluene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
84-66-2	Diethyl phthalate	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
86-73-7	Fluorene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
100-01-6	P-Nitroaniline	ug/kg	870	UJ	950	UJ	1000	UJ	1000	U	970	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	870	UJ	950	UJ	1000	UJ	1000	UJ	970	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
118-74-1	Hexachlorobenzene	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
1912-24-9	Atrazine	ug/kg	350	UJ	380	UJ	400	UJ	0	R	0	R
87-86-5	Pentachlorophenol	ug/kg	870	UJ	950	UJ	1000	UJ	1000	U	970	U
85-01-8	Phenanthrene	ug/kg	350	UJ	380	UJ	400	UJ	540		380	U
120-12-7	Anthracene	ug/kg	350	UJ	380	UJ	400	UJ	120	J	380	U
86-74-8	Carbazole	ug/kg	350	UJ	380	UJ	400	UJ	54	J	380	U
84-74-2	Di-n-butylphthalate	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
206-44-0	Fluoranthene	ug/kg	350	UJ	380	UJ	400	UJ	880		11	J
129-00-0	Pyrene	ug/kg	350	UJ	380	UJ	400	UJ	640		380	U
85-68-7	Benzyl butyl phthalate	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
91-94-1	3,3'-Dichlorobenzidine	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
56-55-3	Benzo(a)anthracene	ug/kg	350	UJ	380	UJ	400	UJ	360	J	380	U
218-01-9	Chrysene	ug/kg	350	UJ	380	UJ	400	UJ	390	J	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	350	UJ	380	UJ	400	UJ	400	U	380	U
117-84-0	Di-n-octylphthalate	ug/kg	350	UJ	380	UJ	400	UJ	400	U	17	J
205-99-2	Benzo(b)fluoranthene	ug/kg	350	UJ	380	UJ	400	UJ	270	J	380	U
207-08-9	Benzo(k)fluoranthene	ug/kg	350	UJ	380	UJ	400	UJ	210	J	380	U
50-32-8	Benzo(a)pyrene	ug/kg	350	UJ	380	UJ	400	UJ	200	J	10	J
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	350	UJ	380	UJ	400	UJ	99	J	380	U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	350	UJ	380	UJ	400	UJ	33	J	380	U
191-24-2	Benzo(g,h,i)perylene	ug/kg	350	UJ	380	UJ	400	UJ	77	J	380	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04		SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04		SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04		SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D		SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	1.8	UJ	2	UJ	2	UJ	2.1	U	2	U
319-85-7	beta-BHC	ug/kg	1.8	U	2	U	2	U	0	R	2	U
319-86-8	delta-BHC	ug/kg	1.8	U	2	U	2	U	2.1	U	2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	1.8	UJ	2	UJ	2	UJ	2.1	U	2	U
76-44-8	Heptachlor	ug/kg	1.8	U	2	U	2	U	2.1	U	2	U
309-00-2	Aldrin	ug/kg	1.8	U	2	U	2	U	2.1	U	2	U
1024-57-3	Heptachlor Epoxide	ug/kg	1.8	U	2	U	2	U	2.1	U	2	U
959-98-8	Endosulfan I	ug/kg	1.8	U	2	U	2	U	2.1	U	2	U
60-57-1	Dieldrin	ug/kg	3.5	U	3.8	U	4	U	4	U	3.8	U
72-55-9	4,4'-DDE	ug/kg	3.5	U	3.8	U	4	U	4	U	3.8	U
72-20-8	Endrin	ug/kg	3.5	U	3.8	U	4	U	4	U	3.8	U
33213-65-9	Endosulfan II	ug/kg	3.5	U	3.8	U	4	U	4	U	3.8	U
72-54-8	4,4'-DDD	ug/kg	3.5	U	3.8	U	4	U	4	U	3.8	U
1031-07-8	Endosulfan Sulfate	ug/kg	3.5	U	3.8	U	4	U	4	U	3.8	U
50-29-3	4,4'-DDT	ug/kg	3.5	U	3.8	U	4	U	4	U	3.8	U
72-43-5	Methoxychlor	ug/kg	18	U	20	U	20	U	21	U	20	U
53494-70-5	Endrin Ketone	ug/kg	3.5	U	3.8	U	4	U	4	U	3.8	U
7421-93-4	Endrin Aldehyde	ug/kg	3.5	U	3.8	U	4	U	4	U	3.8	U
5103-71-9	alpha-Chlordane	ug/kg	1.8	UJ	2	UJ	2	UJ	2.1	U	2	U
5103-74-2	gamma-Chlordane	ug/kg	1.8	U	2	U	2	U	2.1	U	2	U
8001-35-2	Toxphene	ug/kg	180	U	200	U	200	U	210	U	200	U
12674-11-2	Aroclor-1016	ug/kg	35	U	38	U	40	U	40	U	38	U
11104-28-2	Aroclor-1221	ug/kg	71	U	77	U	81	U	82	U	78	U
11141-16-5	Aroclor-1232	ug/kg	35	U	38	U	40	U	40	U	38	U
53469-21-9	Aroclor-1242	ug/kg	35	U	38	U	40	U	40	U	38	U
12672-29-6	Aroclor-1248	ug/kg	35	U	38	U	40	U	40	U	38	U
11097-69-1	Aroclor-1254	ug/kg	35	U	38	U	40	U	150		220	
11096-82-5	Aroclor-1260	ug/kg	35	U	38	U	40	U	40	U	38	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04		SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04		SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04		SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D		SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	3410		3550		3520		5290		4850	
7440-36-0	Antimony	mg/kg	0.72	UJ	0.82	UJ	0.88	UJ	0.89	UJ	0.84	UJ
7440-38-2	Arsenic	mg/kg	1.2	B	1.3	B	1.6	B	2.8		1.5	B
7440-39-3	Barium	mg/kg	11.5	B	11.2	B	16.9	B	29.1	B	15.7	B
7440-41-7	Beryllium	mg/kg	0.32	B	0.3	B	0.35	B	0.24	B	0.21	B
7440-43-9	Cadmium	mg/kg	0.08	U	0.09	U	0.1	U	0.1	B	0.09	U
7440-70-2	Calcium	mg/kg	410	B	436	B	1000	B	2110		732	B
7440-47-3	Chromium	mg/kg	3.7		3.7		4.4		10.1		6.4	
7440-48-4	Cobalt	mg/kg	2.5	B	2.4	B	2.4	B	4.6	B	2.9	B
7440-50-8	Copper	mg/kg	6.3	J	7.6	J	6.6	J	18.1		10.1	
7439-89-6	Iron	mg/kg	6870		6960		5990		13100		10200	
7439-92-1	Lead	mg/kg	2.5		2.9		5.2		10.7		6.6	
7439-95-4	Magnesium	mg/kg	1000		978	B	828	B	1950		1110	B
7439-96-5	Manganese	mg/kg	187		231		168		467	J	275	J
7439-97-6	Mercury	mg/kg	0.05	UJ	0.05	UJ	0.37	J	23.1	J	16.8	J
7440-02-0	Nickel	mg/kg	6.1	B	5.6	B	5.4	B	19.4		11.2	
7440-09-7	Potassium	mg/kg	312	B	307	B	261	B	679	B	439	B
7782-49-2	Selenium	mg/kg	0.94	U	1.1	U	1.1	U	1.2	U	1.1	U
7440-22-4	Silver	mg/kg	0.2	U	0.22	U	0.24	U	1	B	1.2	B
7440-23-5	Sodium	mg/kg	234	BJ	276	BJ	342	BJ	471	BJ	360	BJ
7440-28-0	Thallium	mg/kg	1	UJ	1.1	UJ	1.2	UJ	1.2	UJ	1.2	UJ
7440-62-2	Vanadium	mg/kg	6.3	B	6.5	B	6.8	B	10.5	B	10.1	B
7440-66-6	Zinc	mg/kg	18.1	J	15.1	J	15	J	214	J	150	J

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04	SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04	SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04	SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D	SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D
Add-I	**Additional Parameters**						
7440-23-5	Sodium	MEQ/kg	360	340	570	650	610
GIS-110-012	Total Organic Carbon	mg/kg	403	755	5670	4130	6110
12408-02-5	pH	S.U.	7.22	7.37	6.64	7.65	7.62
Grain-85	**Grain - 3 members**						
No.4(4.75-mm)	No. 4 (4.75-mm)	%	2.85	5.02	7.13	5.59	9.63
No.10(2.00-mm	No. 10 (2.00-mm)	%	1.41	6.62	22.4	26.8	21.2
No.40(0.425)	No. 40 (0.425)	%	18.7	14.3	21.9	23.5	19.1
Grain-90	**Grain - 6 members**						
105	<105	%					
105-425	105-425	%					
425 - 500	425 - 500	%					
500 - 850	500 - 850	%					
850 - 2380	850 - 2380	%					
2380	>2380	%					

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D		SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D		SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
74-87-3	Chloromethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
75-01-4	Vinyl Chloride	ug/kg	12	UJ	14	UJ	11	UJ	13	UJ	10	UJ
74-83-9	Bromomethane	ug/kg	12	UJ	14	UJ	11	UJ	13	UJ	10	UJ
75-00-3	Chloroethane	ug/kg	12	UJ	14	UJ	11	UJ	13	UJ	10	UJ
75-69-4	Trichlorofluoromethane	ug/kg	12	UJ	14	UJ	11	UJ	13	UJ	10	UJ
75-35-4	1,1-Dichloroethene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
67-64-1	Acetone	ug/kg	12	UJ	14	UJ	19	UJ	13	UJ	10	UJ
75-15-0	Carbon Disulfide	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
79-20-9	Methyl Acetate	ug/kg	12	UJ	14	UJ	11	UJ	13	UJ	10	UJ
75-09-2	Methylene Chloride	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
156-60-5	trans-1,2-Dichloroethene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
75-34-3	1,1-Dichloroethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
156-59-2	cis-1,2-Dichloroethene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
78-93-3	2-Butanone	ug/kg	12	UJ	14	UJ	11	UJ	13	UJ	10	UJ
67-66-3	Chloroform	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
71-55-6	1,1,1-Trichloroethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
110-82-7	Cyclohexane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
56-23-5	Carbon Tetrachloride	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
71-43-2	Benzene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
107-06-2	1,2-Dichloroethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
79-01-6	Trichloroethene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
108-87-2	Methylcyclohexane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
78-87-5	1,2-Dichloropropane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
75-27-4	Bromodichloromethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
108-10-1	4-Methyl-2-pentanone	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D		SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D		SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D	
108-88-3	Toluene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
79-00-5	1,1,2-Trichloroethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
127-18-4	Tetrachloroethene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
591-78-6	2-Hexanone	ug/kg	12	UJ	14	UJ	11	UJ	13	UJ	10	UJ
124-48-1	Dibromochloromethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
106-93-4	1,2-Dibromoethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
108-90-7	Chlorobenzene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
100-41-4	Ethylbenzene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
1330-20-7	Xylenes (total)	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
100-42-5	Styrene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
75-25-2	Bromoform	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
98-82-8	Isopropylbenzene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
541-73-1	1,3-Dichlorobenzene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
106-46-7	1,4-Dichlorobenzene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
95-50-1	1,2-Dichlorobenzene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	12	UJ	14	UJ	11	U	13	U	10	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D		SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D		SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	450	UJ	430	UJ	420	UJ	6	J	350	UJ
108-95-2	Phenol	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
95-57-8	2-Chlorophenol	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
95-48-7	2-Methylphenol	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
98-86-2	Acetophenone	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
106-44-5	4-Methylphenol	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
67-72-1	Hexachloroethene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
98-95-3	Nitrobenzene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
78-59-1	Isophorone	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
88-75-5	2-Nitrophenol	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
91-20-3	Naphthalene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
106-47-8	p-Chloroaniline	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
105-60-2	Caprolactam	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
91-57-6	2-Methylnaphthalene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	1100	UJ	1100	UJ	1100	UJ	1100	UJ	880	UJ
92-52-4	1,1'-Biphenyl	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
91-58-7	2-Chloronaphthalene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
88-74-4	2-Nitroaniline	ug/kg	1100	UJ	1100	UJ	1100	UJ	1100	UJ	880	UJ
131-11-3	Dimethyl phthalate	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
208-96-8	Acenaphthylene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
99-09-2	3-Nitroaniline	ug/kg	0	R	0	R	1100	UJ	1100	UJ	880	UJ
83-32-9	Acenaphthene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D		SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D		SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	1100	UJ	1100	UJ	1100	UJ	1100	UJ	880	UJ
100-02-7	4-Nitrophenol	ug/kg	1100	UJ	1100	UJ	1100	UJ	1100	UJ	880	UJ
132-64-9	Dibenzofuran	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
84-66-2	Diethyl phthalate	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
86-73-7	Fluorene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
100-01-6	P-Nitroaniline	ug/kg	1100	UJ	1100	UJ	1100	UJ	1100	UJ	880	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1100	UJ	1100	UJ	1100	UJ	1100	UJ	880	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
118-74-1	Hexachlorobenzene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
1912-24-9	Atrazine	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
87-86-5	Pentachlorophenol	ug/kg	1100	UJ	1100	UJ	1100	UJ	1100	UJ	880	UJ
85-01-8	Phenanthrene	ug/kg	450	UJ	52	J	420	UJ	19	J	350	UJ
120-12-7	Anthracene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
86-74-8	Carbazole	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
84-74-2	Di-n-butylphthalate	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
206-44-0	Fluoranthene	ug/kg	450	UJ	63	J	420	UJ	19	J	350	UJ
129-00-0	Pyrene	ug/kg	450	UJ	59	J	420	UJ	430	UJ	350	UJ
85-68-7	Benzyl butyl phthalate	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
56-55-3	Benzo(a)anthracene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
218-01-9	Chrysene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
117-84-0	Di-n-octylphthalate	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
50-32-8	Benzo(a)pyrene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	450	UJ	430	UJ	420	UJ	430	UJ	350	UJ

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D		SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D		SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	5.5	J	1.8	UJ
319-85-7	beta-BHC	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	2.2	UJ	1.8	UJ
319-86-8	delta-BHC	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	2.2	UJ	1.8	UJ
58-89-9	gamma-BHC (Lindane)	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	2.2	UJ	1.8	UJ
76-44-8	Heptachlor	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	2.2	UJ	1.8	UJ
309-00-2	Aldrin	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	2.2	UJ	1.8	UJ
1024-57-3	Heptachlor Epoxide	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	2.2	UJ	1.8	UJ
959-98-8	Endosulfan I	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	2.2	UJ	1.8	UJ
60-57-1	Dieldrin	ug/kg	4.5	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.5	UJ
72-55-9	4,4'-DDE	ug/kg	4.5	UJ	4.3	UJ	4.2	UJ	5.4	NJ	2.8	J
72-20-8	Endrin	ug/kg	4.5	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.5	UJ
33213-65-9	Endosulfan II	ug/kg	4.5	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.5	UJ
72-54-8	4,4'-DDD	ug/kg	4.5	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.5	UJ
1031-07-8	Endosulfan Sulfate	ug/kg	4.5	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.5	UJ
50-29-3	4,4'-DDT	ug/kg	4.5	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.5	UJ
72-43-5	Methoxychlor	ug/kg	23	UJ	22	UJ	22	UJ	22	UJ	18	UJ
53494-70-5	Endrin Ketone	ug/kg	4.5	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.5	UJ
7421-93-4	Endrin Aldehyde	ug/kg	4.5	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.5	UJ
5103-71-9	alpha-Chlordane	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	2.2	UJ	1.8	UJ
5103-74-2	gamma-Chlordane	ug/kg	2.3	UJ	2.2	UJ	2.2	UJ	2.2	UJ	1.8	UJ
8001-35-2	Toxphene	ug/kg	230	UJ	220	UJ	220	UJ	220	UJ	180	UJ
12674-11-2	Aroclor-1016	ug/kg	45	UJ	43	UJ	42	UJ	43	UJ	35	UJ
11104-28-2	Aroclor-1221	ug/kg	92	UJ	88	UJ	86	UJ	88	UJ	71	UJ
11141-16-5	Aroclor-1232	ug/kg	45	UJ	43	UJ	42	UJ	43	UJ	35	UJ
53469-21-9	Aroclor-1242	ug/kg	45	UJ	43	UJ	42	UJ	43	UJ	35	UJ
12672-29-6	Aroclor-1248	ug/kg	45	UJ	43	UJ	460	J	570	J	240	J
11097-69-1	Aroclor-1254	ug/kg	45	UJ	43	UJ	42	UJ	43	UJ	35	UJ
11096-82-5	Aroclor-1260	ug/kg	45	UJ	43	UJ	35	J	45	J	35	UJ

303868

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D		SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D		SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	4360		5010		7670		11300		4220	
7440-36-0	Antimony	mg/kg	0.9	U	0.89	U	0.99	UJ	0.99	UJ	0.78	UJ
7440-38-2	Arsenic	mg/kg	2.3	B	4.4		3.8		5.5		2.2	
7440-39-3	Barium	mg/kg	17.5	B	29.4	B	26.3	B	59.1		18	B
7440-41-7	Beryllium	mg/kg	0.46	B	0.5	B	0.53	B	0.72	B	0.42	B
7440-43-9	Cadmium	mg/kg	0.1	U	0.1	U	0.11	U	0.11	U	0.08	U
7440-70-2	Calcium	mg/kg	1300		33100		1950		2900		781	B
7440-47-3	Chromium	mg/kg	6.1		7.6		8.5	J	11.9	J	4.8	J
7440-48-4	Cobalt	mg/kg	4.9	B	6.4	B	7	B	8.5	B	3.2	B
7440-50-8	Copper	mg/kg	18.5	EJ	21.3	EJ	17.2	J	20.9	J	11.2	J
7439-89-6	Iron	mg/kg	13100		14900		16500		22000		8510	
7439-92-1	Lead	mg/kg	11		12.1		5.6	J	7.5	J	7.6	J
7439-95-4	Magnesium	mg/kg	1740		11800		2170		3020		959	B
7439-96-5	Manganese	mg/kg	104		574		524	J	551	J	268	J
7439-97-6	Mercury	mg/kg	0	R	0.06	UN	38800		17100		402	
7440-02-0	Nickel	mg/kg	12.4	EJ	13.7	EJ	12.9		17.8		5.3	B
7440-09-7	Potassium	mg/kg	660	BE	943	BE	1300	B	2250	J	451	B
7782-49-2	Selenium	mg/kg	1	U	1	U	1.3	U	1.3	U	1	U
7440-22-4	Silver	mg/kg	0.22	U	0.22	U	0.27	U	0.27	U	0.21	U
7440-23-5	Sodium	mg/kg	126	B	199	B	300	BJ	347	BJ	188	BJ
7440-28-0	Thallium	mg/kg	1.3	BJ	1.2	U	1.4	UJ	1.4	UJ	1.1	UJ
7440-62-2	Vanadium	mg/kg	10	B	11.4	B	13.6		18.5		8.3	B
7440-66-6	Zinc	mg/kg	95.1		40.2		35.5		46.5		16.5	

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D	SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D	SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D	SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D	SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D
Add-I	**Additional Parameters**						
7440-23-5	Sodium	MEQ/kg	28	490	1000	1000	450
GIS-110-012	Total Organic Carbon	mg/kg	1530	4380	908	1010	1400
12408-02-5	pH	S.U.	7.63	7.75	8.7	8.68	8.05
Grain-85	**Grain - 3 members**						
No.4(4.75-mm)	No. 4 (4.75-mm)	%	17.9	21.4	15.7	29.6	1.05
No.10(2.00-mm	No. 10 (2.00-mm)	%	10.2	17.3	38.8	30.2	0.82
No.40(0.425)	No. 40 (0.425)	%	6.29	10.2	19.2	17.6	3.8
Grain-90	**Grain - 6 members**						
105	<105	%					
105-425	105-425	%					
425 - 500	425 - 500	%					
500 - 850	500 - 850	%					
850 - 2380	850 - 2380	%					
2380	>2380	%					

303870

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D		SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D		SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D		SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D		SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D	
VOA-s	**Volatile Organics**											
75-71-8	Dichlorodifluoromethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
74-87-3	Chloromethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
75-01-4	Vinyl Chloride	ug/kg	10	UJ	12	UJ	10	UJ	0	R	13	UJ
74-83-9	Bromomethane	ug/kg	10	UJ	12	UJ	10	UJ	0	R	13	UJ
75-00-3	Chloroethane	ug/kg	10	UJ	12	UJ	10	UJ	0	R	13	UJ
75-69-4	Trichlorofluoromethane	ug/kg	1	J	12	UJ	10	UJ	0	R	13	UJ
75-35-4	1,1-Dichloroethene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
67-64-1	Acetone	ug/kg	10	UJ	12	UJ	10	UJ	12	UJ	21	UJ
75-15-0	Carbon Disulfide	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
79-20-9	Methyl Acetate	ug/kg	10	UJ	12	UJ	10	UJ	0	R	13	UJ
75-09-2	Methylene Chloride	ug/kg	10	U	12	UJ	10	UJ	12	UJ	13	UJ
156-60-5	trans-1,2-Dichloroethene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
75-34-3	1,1-Dichloroethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
156-59-2	cis-1,2-Dichloroethene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
78-93-3	2-Butanone	ug/kg	10	UJ	12	UJ	10	UJ	0	R	13	UJ
67-66-3	Chloroform	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
71-55-6	1,1,1-Trichloroethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
110-82-7	Cyclohexane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
56-23-5	Carbon Tetrachloride	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
71-43-2	Benzene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
107-06-2	1,2-Dichloroethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
79-01-6	Trichloroethene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
108-87-2	Methylcyclohexane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
78-87-5	1,2-Dichloropropane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
75-27-4	Bromodichloromethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D		SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D		SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D		SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D		SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D	
108-88-3	Toluene	ug/kg	10	U	12	UJ	10	UJ	0	R	2	J
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
127-18-4	Tetrachloroethene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
591-78-6	2-Hexanone	ug/kg	10	UJ	12	UJ	10	UJ	0	R	13	UJ
124-48-1	Dibromochloromethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
106-93-4	1,2-Dibromoethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
108-90-7	Chlorobenzene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
100-41-4	Ethylbenzene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
1330-20-7	Xylenes (total)	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
100-42-5	Styrene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
75-25-2	Bromoform	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
98-82-8	Isopropylbenzene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ
120-82-1	1,2,4-Trichlorobenzene	ug/kg	10	U	12	UJ	10	UJ	0	R	13	UJ

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D		SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D		SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D		SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS - MW-7D		SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D	
SV-1-s	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/kg	8	J	0	R	0	R	0	R	0	R
108-95-2	Phenol	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
95-57-8	2-Chlorophenol	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
95-48-7	2-Methylphenol	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
98-86-2	Acetophenone	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
106-44-5	4-Methylphenol	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
67-72-1	Hexachloroethene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
98-95-3	Nitrobenzene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
78-59-1	Isophorone	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
88-75-5	2-Nitrophenol	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
91-20-3	Naphthalene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	54	J
106-47-8	p-Chloroaniline	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
105-60-2	Caprolactam	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
91-57-6	2-Methylnaphthalene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	1000	UJ	1100	UJ	980	UJ	1000	U	1200	UJ
92-52-4	1,1'-Biphenyl	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
91-58-7	2-Chloronaphthalene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
88-74-4	2-Nitroaniline	ug/kg	1000	UJ	1100	UJ	980	UJ	1000	U	1200	UJ
131-11-3	Dimethyl phthalate	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
208-96-8	Acenaphthylene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
99-09-2	3-Nitrooaniline	ug/kg	1000	UJ	1100	UJ	980	UJ	1000	UJ	1200	UJ
83-32-9	Acenaphthene	ug/kg	400	UJ	430	UJ	390	UJ	57	J	470	UJ

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D		SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D		SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D		SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D		SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D	
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	1000	UJ	0	R	0	R	0	R	0	R
100-02-7	4-Nitrophenol	ug/kg	1000	UJ	1100	UJ	980	UJ	1000	U	1200	UJ
132-64-9	Dibenzofuran	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
84-66-2	Diethyl phthalate	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
86-73-7	Fluorene	ug/kg	400	UJ	430	UJ	390	UJ	91	J	470	UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
100-01-6	P-Nitroaniline	ug/kg	1000	UJ	1100	UJ	980	UJ	1000	UJ	1200	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1000	UJ	0	R	0	R	1000	U	0	R
86-30-6	N-Nitrosodiphenylamine	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
118-74-1	Hexachlorobenzene	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
1912-24-9	Atrazine	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
87-86-5	Pentachlorophenol	ug/kg	1000	UJ	1100	UJ	980	UJ	1000	UJ	1200	UJ
85-01-8	Phenanthrene	ug/kg	400	UJ	430	UJ	390	UJ	1100		470	UJ
120-12-7	Anthracene	ug/kg	400	UJ	430	UJ	390	UJ	170	J	470	UJ
86-74-8	Carbazole	ug/kg	400	UJ	430	UJ	390	UJ	87	J	470	UJ
84-74-2	Di-n-butylphthalate	ug/kg	400	UJ	430	UJ	45	J	410	U	54	J
206-44-0	Fluoranthene	ug/kg	400	UJ	430	UJ	390	UJ	2200		470	UJ
129-00-0	Pyrene	ug/kg	400	UJ	430	UJ	390	UJ	2400		470	UJ
85-68-7	Benzyl butyl phthalate	ug/kg	400	UJ	430	UJ	390	UJ	410	U	470	UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	400	UJ	430	UJ	390	UJ	410	UJ	470	UJ
56-55-3	Benzo(a)anthracene	ug/kg	400	UJ	430	UJ	390	UJ	1000		470	UJ
218-01-9	Chrysene	ug/kg	400	UJ	430	UJ	390	UJ	1400		470	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	400	UJ	430	UJ	390	UJ	920		470	UJ
117-84-0	Di-n-octylphthalate	ug/kg	400	UJ	0	R	0	R	410	UJ	0	R
205-99-2	Benzo(b)fluoranthene	ug/kg	400	UJ	430	UJ	390	UJ	1200		470	UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	400	UJ	430	UJ	390	UJ	1000		470	UJ
50-32-8	Benzo(a)pyrene	ug/kg	400	UJ	430	UJ	390	UJ	890		470	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	400	UJ	430	UJ	390	UJ	610		470	UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	400	UJ	430	UJ	390	UJ	180	J	470	UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	400	UJ	430	UJ	390	UJ	140	J	470	UJ

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D		SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D		SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D		SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D		SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D	
P/PCBs-s	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
319-85-7	beta-BHC	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
319-86-8	delta-BHC	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
58-89-9	gamma-BHC (Lindane)	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
76-44-8	Heptachlor	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
309-00-2	Aldrin	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
1024-57-3	Heptachlor Epoxide	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
959-98-8	Endosulfan I	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
60-57-1	Dieldrin	ug/kg	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
72-55-9	4,4'-DDE	ug/kg	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
72-20-8	Endrin	ug/kg	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
33213-65-9	Endosulfan II	ug/kg	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
72-54-8	4,4'-DDD	ug/kg	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
1031-07-8	Endosulfan Sulfate	ug/kg	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
50-29-3	4,4'-DDT	ug/kg	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
72-43-5	Methoxychlor	ug/kg	21	UJ	22	UJ	20	UJ	21	UJ	24	UJ
53494-70-5	Endrin Ketone	ug/kg	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
7421-93-4	Endrin Aldehyde	ug/kg	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
5103-71-9	alpha-Chlordane	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
5103-74-2	gamma-Chlordane	ug/kg	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
8001-35-2	Toxphene	ug/kg	210	UJ	220	UJ	200	UJ	210	UJ	240	UJ
12674-11-2	Aroclor-1016	ug/kg	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
11104-28-2	Aroclor-1221	ug/kg	82	UJ	87	UJ	79	UJ	83	UJ	96	UJ
11141-16-5	Aroclor-1232	ug/kg	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
53469-21-9	Aroclor-1242	ug/kg	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
12672-29-6	Aroclor-1248	ug/kg	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
11097-69-1	Aroclor-1254	ug/kg	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
11096-82-5	Aroclor-1260	ug/kg	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ

303875

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D		SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D		SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D		SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D		SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D	
Inorg-s	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	4840		11900		5060		5130		13400	
7440-36-0	Antimony	mg/kg	0.9	UJ	0.89	U	0.88	U	0.88	U	0.94	B
7440-38-2	Arsenic	mg/kg	3.1		5.6		4.5		4.3		6.9	
7440-39-3	Barium	mg/kg	40.5	B	70.8		25	B	13.5	B	122	
7440-41-7	Beryllium	mg/kg	0.41	B	0.82	B	0.49	B	0.33	B	0.75	B
7440-43-9	Cadmium	mg/kg	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7440-70-2	Calcium	mg/kg	30400		2810		28100		909	B	29600	
7440-47-3	Chromium	mg/kg	6.9	J	28.6		6.8		10.3	*	15.8	*
7440-48-4	Cobalt	mg/kg	5	B	11	B	6	B	5	B	12.8	
7440-50-8	Copper	mg/kg	13.9	J	20.9	EJ	18.2	EJ	17.6		28.2	
7439-89-6	Iron	mg/kg	13100		23900		14000		12600		28300	
7439-92-1	Lead	mg/kg	4.5	J	8.4		7.1		5.4		10.9	
7439-95-4	Magnesium	mg/kg	9700		4020		8180		1760		11500	
7439-96-5	Manganese	mg/kg	380	J	524		459		413		559	
7439-97-6	Mercury	mg/kg	995		0.06	UN	0	R	0.06	U	0.09	B
7440-02-0	Nickel	mg/kg	11.9		26.5	EJ	14.4	EJ	11.7	EJ	24.6	EJ
7440-09-7	Potassium	mg/kg	1020	B	1310	EJ	705	BE	624	BE	2720	EJ
7782-49-2	Selenium	mg/kg	1.2	U	1	U	1	U	1	U	1	U
7440-22-4	Silver	mg/kg	0.24	U	0.22	U	0.22	U	0.27	BNJ	0.22	UNJ
7440-23-5	Sodium	mg/kg	328	BJ	112	B	111	B	164	B	552	B
7440-28-0	Thallium	mg/kg	1.3	UJ	1.2	U	1.2	BJ	1.2	U	1.2	U
7440-62-2	Vanadium	mg/kg	11.9	B	18.7	J	11.5	B	10.8	B	27.6	J
7440-66-6	Zinc	mg/kg	29.2		53.8		35.2		0	R	79.6	

303876

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D	SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D	SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D	SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D	SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D
Add-I	**Additional Parameters**						
7440-23-5	Sodium	MEQ/kg	650	680	780	470	890
GIS-110-012	Total Organic Carbon	mg/kg	1250	610	1040	425	2190
12408-02-5	pH	S.U.	8.89	7.08	7.73	7.44	8.81
Grain-85	**Grain - 3 members**						
No.4(4.75-mm)	No. 4 (4.75-mm)	%	20.3	6.2	3.35		
No.10(2.00-mm	No. 10 (2.00-mm)	%	29	24.7	38.7		
No.40(0.425)	No. 40 (0.425)	%	16	17.6	18.6		
Grain-90	**Grain - 6 members**						
105	<105	%				72.7	6.5
105-425	105-425	%				22.1	61.8
425 - 500	425 - 500	%				1.35	6.29
500 - 850	500 - 850	%				2.34	15.6
850 - 2380	850 - 2380	%				1.45	9.74
2380	>2380	%				0	0

303877

Table 9

Groundwater Sample Results

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D		GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D		GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D		GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D		GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D	
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**											
75-71-8	Dichlorodifluoromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-87-3	Chloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	ug/l	5	U	2.8	J	5	U	5	U	5	U
75-15-0	Carbon Disulfide	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.8	
79-20-9	Methyl Acetate	ug/l	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0	R
75-09-2	Methylene Chloride	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	U
75-34-3	1,1-Dichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-93-3	2-Butanone	ug/l	5	U	5	U	5	U	5	U	5	U
74-97-5	Chlorobromomethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	ug/l	0.5	U	0.61		0.4	J	0.41	J	0.3	J
71-55-6	1,1,1-Trichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	ug/l	0.5	U	0.5	U	0.5	U	0.12	J	0.5	UJ
71-43-2	Benzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

303879

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D		GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D		GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D		GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D		GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D	
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**											
79-01-6	Trichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-87-2	Methylcyclohexane	ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	ug/l	0	R	5	U	0	R	5	U	0	R
108-88-3	Toluene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
591-78-6	2-Hexanone	ug/l	0	R	5	U	0	R	5	U	0	R
124-48-1	Dibromochloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1330-20-7	Xylenes (total)	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

303880

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D		GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D		GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D		GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D		GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D	
SV-1-w	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/l	10	U	10	U	10	UJ	10	U	10	UJ
108-95-2	Phenol	ug/l	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	10	UJ	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	ug/l	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	10	U	10	U	10	U	10	UJ	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	10	U	10	UJ	10	U	10	UJ	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	ug/l	10	U	10	U	10	U	10	U	10	U

303881

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D		GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D		GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D		GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D		GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D	
SV-2-w	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/l	25	U	25	U	25	U	25	U	25	U
100-02-7	4-Nitrophenol	ug/l	25	U	25	U	25	UJ	25	UJ	25	UJ
132-64-9	Dibenzofuran	ug/l	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	10	UJ	10	U	10	U	10	U	10	U
84-66-2	Diethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	25	U	25	U	25	U	25	UJ	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	25	UJ	25	U	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	ug/l	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	10	U	10	UJ	10	U	10	UJ	10	U
87-86-5	Pentachlorophenol	ug/l	25	U	25	U	25	U	25	UJ	25	U
85-01-8	Phenanthrene	ug/l	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	10	U	10	U	10	U	10	UJ	10	U
85-68-7	Benzyl butyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	10	U	10	U	10	UJ	10	U	10	UJ

303882

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D		GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D		GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D		GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D		GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D	
P/PCBs-w	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U	0.0012	J	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.0074	J	0.05	U	0.012	J	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U	1	U	1	U	1	U

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Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D		GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D		GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D		GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D		GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D	
Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	ug/l	145	B	105	B	154	B	210		394	J
7440-36-0	Antimony	ug/l	2.5	U	1.5	U	2.5	U	1.5	U	2.5	U
7440-38-2	Arsenic	ug/l	2.9	B	6.5	B	13.4		15.2		10.5	
7440-39-3	Barium	ug/l	84.8	B	84.8	B	138	B	160	B	104	B
7440-41-7	Beryllium	ug/l	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
7440-43-9	Cadmium	ug/l	0.4	U	0.3	U	0.4	U	0.3	U	0.4	U
7440-70-2	Calcium	ug/l	52800		54000		37500		45500		28600	
7440-47-3	Chromium	ug/l	0.5	U	3.6	B	0.5	U	5	B	0.55	B
7440-48-4	Cobalt	ug/l	1	U	2	U	1	U	2	U	1	U
7440-50-8	Copper	ug/l	1.5	U	2.2	B	1.5	U	1.9	B	2.4	B
7439-89-6	Iron	ug/l	62.4	B	117		64.2	B	354	J	529	J
7439-92-1	Lead	ug/l	1.9	U	1.6	U	1.9	U	1.6	U	1.9	U
7439-95-4	Magnesium	ug/l	13800		12700		7070		8160		5280	
7439-96-5	Manganese	ug/l	476		343		58.4		71		55.2	
7439-97-6	Mercury	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	22.5	
7440-02-0	Nickel	ug/l	1.1	B	2.6	B	0.9	U	3.6	B	0.9	U
7440-09-7	Potassium	ug/l	3490	B	1280	B	2260	B	666	B	3340	B
7782-49-2	Selenium	ug/l	2.2	U	1.9	U	2.2	U	1.9	U	2.2	U
7440-22-4	Silver	ug/l	0.9	U	0.5	U	0.9	U	0.5	U	0.9	U
7440-23-5	Sodium	ug/l	15800	J	10200		9760	J	6740		14300	J
7440-28-0	Thallium	ug/l	3.5	UJ	3	U	3.5	UJ	3	U	3.5	U
7440-62-2	Vanadium	ug/l	1.1	U	1.7	U	1.1	U	1.7	U	1.1	U
7440-66-6	Zinc	ug/l	8.5	U	4.6	U	8.5	U	4.6	UJ	8.5	U
WetChem-GW	**Wet Chemistry for Groundwater Samples**											
GIS-210-010	Total Dissolved Solids	mg/l	290		280		190		210		180	
GIS-210-009	Total Suspended Solids	mg/l	8		1	U	7		12		25	
14808-79-8	Sulfate (as SO4)	mg/l	52.7		34.4		29.5		26.9		23.9	
GIS-110-012	Total Organic Carbon	mg/l	1	U	1	U	1	U	1	U	1	U
7783-06-4	Hydrogen Sulfide	mg/l	0.05	U	34		0.05	U	27		0.05	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D		GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D		GWM-6D-R2 4/5/2002 45 to 45 ft.BGS MW-6D	
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**											
75-71-8	Dichlorodifluoromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-87-3	Chloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	ug/l	5	U	8.8		5	U	5	U	5	U
75-15-0	Carbon Disulfide	ug/l	0.7		0.11	J	0.12	J	0.5	U	0.5	U
79-20-9	Methyl Acetate	ug/l	0	R	0.5	U	0.5	U	0.5	UJ	0.5	U
75-09-2	Methylene Chloride	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U
75-34-3	1,1-Dichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-93-3	2-Butanone	ug/l	5	U	5	U	5	U	5	U	5	U
74-97-5	Chlorobromomethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	ug/l	0.3	J	0.33	J	0.37	J	1		0.5	U
71-55-6	1,1,1-Trichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	ug/l	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
71-43-2	Benzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D		GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D		GWM-6D-R2 4/5/2002 45 to 45 ft.BGS MW-6D	
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**											
79-01-6	Trichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-87-2	Methylcyclohexane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	ug/l	0	R	5	U	5	U	0	R	5	U
108-88-3	Toluene	ug/l	0.5	U	0.056	J	0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
591-78-6	2-Hexanone	ug/l	0	R	5	U	5	U	0	R	5	U
124-48-1	Dibromochloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1330-20-7	Xylenes (total)	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D		GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D		GWM-6D-R2 4/5/2002 45 to 45 ft.BGS MW-6D	
SV-1-w	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/l	10	UJ	10	U	10	U	10	U	10	U
108-95-2	Phenol	ug/l	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	10	U	10	U	10	U	10	UJ	10	U
98-86-2	Acetophenone	ug/l	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	10	U	10	UJ	10	UJ	10	U	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	ug/l	10	U	10	U	10	U	10	U	10	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D		GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D		GWM-6D-R2 4/5/2002 45 to 45 ft.BGS MW-6D	
SV-2-w	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/l	25	U	25	U	25	U	25	U	25	U
100-02-7	4-Nitrophenol	ug/l	25	UJ	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	ug/l	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	UJ	10	U
84-66-2	Diethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	25	U	25	U	25	U	25	UJ	25	U
86-30-6	N-Nitrosodiphenylamine	ug/l	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	10	U	10	UJ	10	UJ	10	U	10	U
87-86-5	Pentachlorophenol	ug/l	25	U	25	U	25	U	25	U	25	U
85-01-8	Phenanthrene	ug/l	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
85-68-7	Benzyl butyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	10	UJ	10	U	10	U	10	U	10	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D		GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D		GWM-6D-R2 4/5/2002 45 to 45 ft.BGS MW-6D	
P/PCBs-w	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U	0.0021	J	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.0065	J	0.0068	J	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U	1	U	1	U	1	U

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Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D		GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D		GWM-6D-R2 4/5/2002 45 to 45 ft.BGS MW-6D	
Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	ug/l	526	J	75.8	B	75.7	B	1360	J	4240	J
7440-36-0	Antimony	ug/l	2.5	U	1.5	U	1.5	U	2.5	U	3.1	U
7440-38-2	Arsenic	ug/l	11.3		9.4	B	9.5	B	13.2		16	
7440-39-3	Barium	ug/l	104	B	72.4	B	69.8	B	92.1	B	107	B
7440-41-7	Beryllium	ug/l	0.3	U	0.3	U	0.3	U	0.3	U	0.2	U
7440-43-9	Cadmium	ug/l	0.4	U	0.3	U	0.3	U	0.4	U	0.4	U
7440-70-2	Calcium	ug/l	28000		14200		13300		28400		31900	
7440-47-3	Chromium	ug/l	1.1	B	0.9	U	0.9	U	1.9	B	30.4	
7440-48-4	Cobalt	ug/l	1	U	2	U	2	U	1.2	B	1.7	B
7440-50-8	Copper	ug/l	3.2	B	1.8	U	1.8	U	5.5	B	13	B
7439-89-6	Iron	ug/l	657	J	63.9	B	38.2	B	1790	J	5460	
7439-92-1	Lead	ug/l	1.9	U	1.6	U	1.6	U	1.9	U	2.9	B
7439-95-4	Magnesium	ug/l	5260		4520	B	4340	B	5440		6860	
7439-96-5	Manganese	ug/l	56.2		18.2		15.5		75.9		154	
7439-97-6	Mercury	ug/l	22.9		11.1		10.9		0.1	U	0.1	B
7440-02-0	Nickel	ug/l	1.7	B	1	U	1	U	1.9	B	22.1	B
7440-09-7	Potassium	ug/l	3700	B	9970	J	9850	J	1480	B	2340	B
7782-49-2	Selenium	ug/l	2.2	U	1.9	U	1.9	U	2.2	U	2.5	U
7440-22-4	Silver	ug/l	0.9	U	0.5	U	0.5	U	0.9	U	1.1	U
7440-23-5	Sodium	ug/l	14500	J	22100		21500		13900	J	12500	J
7440-28-0	Thallium	ug/l	3.5	U	3	U	3	U	3.5	UJ	4.3	U
7440-62-2	Vanadium	ug/l	1.5	B	1.7	U	1.7	U	2.1	B	6.4	B
7440-66-6	Zinc	ug/l	8.5	U	4.6	U	4.6	U	8.5	U	15.9	B
WetChem-GW	**Wet Chemistry for Groundwater Samples**											
GIS-210-010	Total Dissolved Solids	mg/l	9000		150		150		150		100	
GIS-210-009	Total Suspended Solids	mg/l	23		1	U	1	U	48		153	
14808-79-8	Sulfate (as SO4)	mg/l	21.8		11.1		19.1		16.7		39	
GIS-110-012	Total Organic Carbon	mg/l	1	U	1.7		1	U	1	U	1	U
7783-06-4	Hydrogen Sulfide	mg/l	0.05	U	11		19		0.05	U	0.1	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D		GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D		GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S		GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S		GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1	
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**											
75-71-8	Dichlorodifluoromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-87-3	Chloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	ug/l	5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	ug/l	0	R	0.5	U	0	R	0.5	U	0.5	UJ
75-09-2	Methylene Chloride	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.3	J	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	UJ
75-34-3	1,1-Dichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-93-3	2-Butanone	ug/l	5	U	5	U	5	U	5	U	5	U
74-97-5	Chlorobromomethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	ug/l	0.5		0.5	U	0.5	U	1.2		0.5	U
71-55-6	1,1,1-Trichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	ug/l	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	U
71-43-2	Benzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D		GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D		GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S		GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S		GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1	
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**											
79-01-6	Trichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-87-2	Methylcyclohexane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.34	J	0.5	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	ug/l	0	R	5	U	0	R	5	U	0	R
108-88-3	Toluene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.37	J	0.5	U
591-78-6	2-Hexanone	ug/l	0	R	5	U	0	R	5	U	0	R
124-48-1	Dibromochloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1330-20-7	Xylenes (total)	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D		GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D		GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S		GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S		GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1	
SV-1-w	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/l	10	U	10	U	10	U	10	U	10	UJ
108-95-2	Phenol	ug/l	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	10	U	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	ug/l	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	10	U	10	UJ	10	U	10	UJ	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	10	U	10	UJ	10	U	10	UJ	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	10	U	10	U	10	U	0.7	J	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitrooaniline	ug/l	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	ug/l	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D		GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D		GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S		GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S		GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1	
SV-2-w	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/l	25	U	25	U	25	U	25	U	25	U
100-02-7	4-Nitrophenol	ug/l	25	U	25	UJ	25	U	25	UJ	25	UJ
132-64-9	Dibenzofuran	ug/l	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	25	U	25	UJ	25	U	25	UJ	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	25	U	25	U	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	ug/l	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	10	U	10	UJ	10	U	10	UJ	10	U
87-86-5	Pentachlorophenol	ug/l	25	U	25	UJ	25	U	25	UJ	25	U
85-01-8	Phenanthrene	ug/l	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	10	U	10	UJ	10	U	10	UJ	10	U
85-68-7	Benzyl butyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	10	UJ	10	U	10	UJ	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	10	UJ	10	U	10	UJ	10	U	10	UJ

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Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D		GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D		GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S		GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S		GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1	
P/PCBs-w	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.0082	J	0.05	U	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U	1	U	1	U	1	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D		GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D		GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S		GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S		GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1	
Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	ug/l	319	J	180	B	145	B	306		411	J
7440-36-0	Antimony	ug/l	2.5	U	2.2	B	2.5	U	1.5	U	2.5	U
7440-38-2	Arsenic	ug/l	1.8	U	1.7	U	1.8	B	1.7	U	1.8	B
7440-39-3	Barium	ug/l	193	B	42.7	B	189	B	43.6	B	22.7	B
7440-41-7	Beryllium	ug/l	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
7440-43-9	Cadmium	ug/l	0.4	U	0.3	U	0.4	U	0.3	U	0.4	U
7440-70-2	Calcium	ug/l	79800		79300		122000		87900		58100	
7440-47-3	Chromium	ug/l	3.5	B	2.3	B	2.2	B	11.8		0.72	B
7440-48-4	Cobalt	ug/l	1	U	2	U	1	U	2	U	1	U
7440-50-8	Copper	ug/l	4.8	B	2.6	B	2.5	B	3.6	B	2	B
7439-89-6	Iron	ug/l	834	J	254	J	390	J	745	J	495	J
7439-92-1	Lead	ug/l	1.9	U	1.6	U	1.9	U	1.7	B	1.9	U
7439-95-4	Magnesium	ug/l	17500		16700		16000		12500		19300	
7439-96-5	Manganese	ug/l	88		67		110		89.8		64.9	
7439-97-6	Mercury	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.18	B
7440-02-0	Nickel	ug/l	3	B	2.7	B	2.4	B	8.2	B	1.4	B
7440-09-7	Potassium	ug/l	3070	B	3350	B	4020	B	4120	B	2120	B
7782-49-2	Selenium	ug/l	2.2	U	1.9	U	2.2	U	1.9	U	2.2	U
7440-22-4	Silver	ug/l	1.2	B	0.54	B	0.9	U	0.5	U	0.9	U
7440-23-5	Sodium	ug/l	34600	J	39500		271000	J	231000		85400	J
7440-28-0	Thallium	ug/l	3.5	U	3	U	3.5	UJ	3	U	3.5	UJ
7440-62-2	Vanadium	ug/l	1.1	U	1.8	B	1.1	U	1.7	U	1.1	U
7440-66-6	Zinc	ug/l	8.5	U	23.7	J	8.5	U	4.6	UJ	8.5	U
WetChem-GW	**Wet Chemistry for Groundwater Samples**											
GIS-210-010	Total Dissolved Solids	mg/l	410		480		1200		1000		460	
GIS-210-009	Total Suspended Solids	mg/l	15		12		9		25		23	
14808-79-8	Sulfate (as SO4)	mg/l	25.6		23.9		40.9		69		37.8	
GIS-110-012	Total Organic Carbon	mg/l	1	U	1	U	1	U	1		1	U
7783-06-4	Hydrogen Sulfide	mg/l	0.11		24		0.05	U	340		0.05	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1		GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2		GWM-OW2-R2 3/20/2002 to OW-2		GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3		GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3	
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**											
75-71-8	Dichlorodifluoromethane	ug/l	0.5	U	3		2.8		0.5	U	0.5	U
74-87-3	Chloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	ug/l	0.19	J	0.5	U	0.17	J	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	ug/l	5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	ug/l	0.5	U	0	R	0.5	U	0	R	0.5	U
75-09-2	Methylene Chloride	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
1634-04-4	Methyl Tert-Butyl Ether	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-34-3	1,1-Dichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
78-93-3	2-Butanone	ug/l	5	U	5	U	5	U	5	U	5	U
74-97-5	Chlorobromomethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
71-55-6	1,1,1-Trichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	ug/l	0.5	U	0.5	UJ	0.12	J	0.5	UJ	0.5	U
71-43-2	Benzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1		GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2		GWM-OW2-R2 3/20/2002 to OW-2		GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3		GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3	
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**											
79-01-6	Trichloroethene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-87-2	Methylcyclohexane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	ug/l	5	U	0	R	5	U	0	R	5	U
108-88-3	Toluene	ug/l	0.5	U	0.5	U	0.11	J	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	ug/l	0.5	U	0.5	U	0.43	J	0.5	U	0.5	U
591-78-6	2-Hexanone	ug/l	5	U	0	R	5	U	0	R	5	U
124-48-1	Dibromochloromethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1330-20-7	Xylenes (total)	ug/l	0.5	U	0.5	U	0.36	J	0.5	U	0.5	U
100-42-5	Styrene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1		GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2		GWM-OW2-R2 3/20/2002 to OW-2		GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3		GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3	
SV-1-w	**SemiVolatile Organics - Page 1**											
100-52-7	Benzaldehyde	ug/l	10	U	10	UJ	10	U	10	U	10	U
108-95-2	Phenol	ug/l	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	10	U	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	ug/l	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	10	U	10	U	10	UJ	10	U	10	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/l	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	10	UJ	10	U	10	UJ	10	U	10	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/l	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	10	U	10	U	0.8	J	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitrooaniline	ug/l	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	ug/l	10	U	10	U	10	U	10	U	10	U

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1		GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2		GWM-OW2-R2 3/20/2002 to OW-2		GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3		GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3	
SV-2-w	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/l	25	U	25	U	25	U	25	U	25	U
100-02-7	4-Nitrophenol	ug/l	25	U	25	UJ	25	UJ	25	U	25	UJ
132-64-9	Dibenzofuran	ug/l	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	25	U	25	U	25	UJ	25	U	25	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	25	U	25	U	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	ug/l	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	10	UJ	10	U	10	UJ	10	U	10	UJ
87-86-5	Pentachlorophenol	ug/l	25	U	25	U	25	UJ	25	U	25	UJ
85-01-8	Phenanthrene	ug/l	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	10	U	10	U	10	UJ	10	U	10	UJ
85-68-7	Benzyl butyl phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	10	U	10	U	10	U	10	UJ	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	10	U	10	UJ	10	U	10	UJ	10	U

303900

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1		GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2		GWM-OW2-R2 3/20/2002 to OW-2		GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3		GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3	
P/PCBs-w	**Pesticides/PCB Organics**											
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.0017	J	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U	1	U	1	U	1	U

303901

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1		GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2		GWM-OW2-R2 3/20/2002 to OW-2		GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3		GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3	
Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	ug/l	289		2120	J	2920		661	J	18800	
7440-36-0	Antimony	ug/l	1.5	U	2.5	U	3.4	B	2.5	U	1.5	U
7440-38-2	Arsenic	ug/l	1.7	U	2.3	B	1.9	B	1.8	U	19.2	
7440-39-3	Barium	ug/l	27.6	B	70.7	B	64	B	128	B	141	B
7440-41-7	Beryllium	ug/l	0.3	U	0.3	U	0.38	B	0.3	U	1.2	B
7440-43-9	Cadmium	ug/l	0.3	U	0.78	B	0.4	B	0.4	U	1.3	B
7440-70-2	Calcium	ug/l	60300		84600		65700		75600		282000	
7440-47-3	Chromium	ug/l	3.1	B	8.8	B	8.2	B	11.5		29.9	
7440-48-4	Cobalt	ug/l	3.1	B	3.3	B	15.8	B	7.8	B	39.6	B
7440-50-8	Copper	ug/l	2.6	B	14.2	B	20.3	B	4.9	B	99.7	
7439-89-6	Iron	ug/l	651	J	5380	J	8430	J	2030	J	60500	J
7439-92-1	Lead	ug/l	1.6	U	5.1		10.3		1.9	U	25.5	
7439-95-4	Magnesium	ug/l	20300		17100		13200		9240		83000	
7439-96-5	Manganese	ug/l	76.8		1240		1690		21500		45800	
7439-97-6	Mercury	ug/l	0.17	B	0.1	U	0.11	B	0.1	U	0.12	B
7440-02-0	Nickel	ug/l	2.9	B	13	B	17.9	B	6	B	55.3	
7440-09-7	Potassium	ug/l	3020	B	57600	J	61800	J	9240	J	13400	J
7782-49-2	Selenium	ug/l	1.9	U	5.5		11.6		4.6	B	15.4	
7440-22-4	Silver	ug/l	0.5	U	0.9	U	0.5	U	4.3	B	2.6	B
7440-23-5	Sodium	ug/l	86900		212000	J	200000		63900	J	65300	
7440-28-0	Thallium	ug/l	3	U	3.5	U	3	U	3.5	UJ	37.2	
7440-62-2	Vanadium	ug/l	1.7	U	4.7	B	6.7	B	1.1	U	41.1	B
7440-66-6	Zinc	ug/l	4.6	U	160		180		9.7	B	260	
WetChem-GW	**Wet Chemistry for Groundwater Samples**											
GIS-210-010	Total Dissolved Solids	mg/l	460		990		850		580		740	
GIS-210-009	Total Suspended Solids	mg/l	279		160		788		68		2930	
14808-79-8	Sulfate (as SO4)	mg/l	28.8		52.9		90		42.2		133	
GIS-110-012	Total Organic Carbon	mg/l	1	U	1.6		2.2		1.4		2.2	
7783-06-4	Hydrogen Sulfide	mg/l	29		0.05	U	450		0.05	U	130	

303902

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4		GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4	
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**					
75-71-8	Dichlorodifluoromethane	ug/l	0.5	U	0.5	U
74-87-3	Chloromethane	ug/l	0.5	U	0.5	U
75-01-4	Vinyl Chloride	ug/l	0.5	U	0.5	U
74-83-9	Bromomethane	ug/l	0.5	U	0.5	U
75-00-3	Chloroethane	ug/l	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	ug/l	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	ug/l	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	0.5	U	0.5	U
67-64-1	Acetone	ug/l	5	U	6.1	
75-15-0	Carbon Disulfide	ug/l	0.5	U	0.5	U
79-20-9	Methyl Acetate	ug/l	0	R	0.5	U
75-09-2	Methylene Chloride	ug/l	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	ug/l	0.5	U	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	0.5	U	0.5	U
75-34-3	1,1-Dichloroethane	ug/l	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	ug/l	0.5	U	0.5	U
78-93-3	2-Butanone	ug/l	5	U	5	U
74-97-5	Chlorobromomethane	ug/l	0.5	U	0.5	U
67-66-3	Chloroform	ug/l	0.5	U	0.5	U
71-55-6	1,1,1-Trichloroethane	ug/l	0.5	U	0.5	U
110-82-7	Cyclohexane	ug/l	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	ug/l	0.5	UJ	0.5	U
71-43-2	Benzene	ug/l	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	ug/l	0.5	U	0.5	U

303903

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4		GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4	
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**					
79-01-6	Trichloroethene	ug/l	0.5	U	0.5	U
108-87-2	Methylcyclohexane	ug/l	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	ug/l	0.5	U	0.14	J
75-27-4	Bromodichloromethane	ug/l	0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	ug/l	0	R	5	U
108-88-3	Toluene	ug/l	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	ug/l	0.5	U	0.5	U
127-18-4	Tetrachloroethene	ug/l	0.5	U	0.5	U
591-78-6	2-Hexanone	ug/l	0	R	5	U
124-48-1	Dibromochloromethane	ug/l	0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	ug/l	0.5	U	0.5	U
108-90-7	Chlorobenzene	ug/l	0.5	U	0.5	U
100-41-4	Ethylbenzene	ug/l	0.5	U	0.5	U
1330-20-7	Xylenes (total)	ug/l	0.5	U	0.5	U
100-42-5	Styrene	ug/l	0.5	U	0.5	U
75-25-2	Bromoform	ug/l	0.5	U	0.5	U
98-82-8	Isopropylbenzene	ug/l	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	ug/l	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	ug/l	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	ug/l	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	ug/l	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	ug/l	0.5	U	0.5	U

303904

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4		GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4	
SV-1-w	**SemiVolatile Organics - Page 1**					
100-52-7	Benzaldehyde	ug/l	11	U	10	U
108-95-2	Phenol	ug/l	11	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	11	U	10	U
95-57-8	2-Chlorophenol	ug/l	11	U	10	U
95-48-7	2-Methylphenol	ug/l	11	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	11	U	10	U
98-86-2	Acetophenone	ug/l	11	U	10	U
106-44-5	4-Methylphenol	ug/l	11	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	11	U	10	U
67-72-1	Hexachloroethene	ug/l	11	U	10	U
98-95-3	Nitrobenzene	ug/l	11	U	10	U
78-59-1	Isophorone	ug/l	11	U	10	U
88-75-5	2-Nitrophenol	ug/l	11	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	11	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	11	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	11	U	10	U
91-20-3	Naphthalene	ug/l	11	U	10	U
106-47-8	p-Chloroaniline	ug/l	11	U	10	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/l	11	U	10	U
105-60-2	Caprolactam	ug/l	11	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	11	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	11	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	11	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	11	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	26	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	11	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	11	U	10	U
88-74-4	2-Nitroaniline	ug/l	26	U	25	U
131-11-3	Dimethyl phthalate	ug/l	11	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	11	U	10	U
208-96-8	Acenaphthylene	ug/l	11	U	10	U
99-09-2	3-Nitroaniline	ug/l	26	U	25	U
83-32-9	Acenaphthene	ug/l	11	U	10	U

303905

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4		GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4	
SV-2-w	**SemiVolatile Organics - Page 2**					
51-28-5	2,4-Dinitrophenol	ug/l	26	U	25	U
100-02-7	4-Nitrophenol	ug/l	26	U	25	U
132-64-9	Dibenzofuran	ug/l	11	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	11	U	10	U
84-66-2	Diethyl phthalate	ug/l	11	U	10	U
86-73-7	Fluorene	ug/l	11	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	11	U	10	U
100-01-6	P-Nitroaniline	ug/l	26	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	26	U	25	U
86-30-6	N-Nitrosodiphenylamine	ug/l	11	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	11	U	10	U
118-74-1	Hexachlorobenzene	ug/l	11	U	10	U
1912-24-9	Atrazine	ug/l	11	U	10	UJ
87-86-5	Pentachlorophenol	ug/l	26	U	25	U
85-01-8	Phenanthrene	ug/l	11	U	10	U
120-12-7	Anthracene	ug/l	11	U	10	U
86-74-8	Carbazole	ug/l	11	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	11	U	10	U
206-44-0	Fluoranthene	ug/l	11	U	10	U
129-00-0	Pyrene	ug/l	11	U	10	U
85-68-7	Benzyl butyl phthalate	ug/l	11	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	11	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	11	U	10	U
218-01-9	Chrysene	ug/l	11	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	11	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	11	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	11	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	11	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	11	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	11	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	11	UJ	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	11	UJ	10	U

303906

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4		GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4	
P/PCBs-w	**Pesticides/PCB Organics**					
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U

303907

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4		GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4	
P/PCBs-w	**Pesticides/PCB Organics**					
319-84-6	alpha-BHC	ug/l	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	1	U	1	U

303908

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4		GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4	
Inorg-w	**Inorganic Analytes**					
7429-90-5	Aluminum	ug/l	106	B	73.4	B
7440-36-0	Antimony	ug/l	2.5	U	1.5	U
7440-38-2	Arsenic	ug/l	1.8	U	1.7	U
7440-39-3	Barium	ug/l	105	B	104	B
7440-41-7	Beryllium	ug/l	0.3	U	0.3	U
7440-43-9	Cadmium	ug/l	0.4	U	0.3	U
7440-70-2	Calcium	ug/l	78700		81100	
7440-47-3	Chromium	ug/l	3.4	B	3.1	B
7440-48-4	Cobalt	ug/l	1.4	B	6.4	B
7440-50-8	Copper	ug/l	3.9	B	9.1	B
7439-89-6	Iron	ug/l	21000	J	21100	J
7439-92-1	Lead	ug/l	1.9	U	2.5	B
7439-95-4	Magnesium	ug/l	17600		18200	
7439-96-5	Manganese	ug/l	2580		2110	
7439-97-6	Mercury	ug/l	0.1	U	0.1	U
7440-02-0	Nickel	ug/l	1.6	B	2.6	B
7440-09-7	Potassium	ug/l	2340	B	2300	B
7782-49-2	Selenium	ug/l	2.2	U	1.9	U
7440-22-4	Silver	ug/l	1.2	B	0.8	B
7440-23-5	Sodium	ug/l	128000	J	127000	
7440-28-0	Thallium	ug/l	3.5	UJ	3	U
7440-62-2	Vanadium	ug/l	1.1	U	1.7	U
7440-66-6	Zinc	ug/l	8.5	U	22.2	
WetChem-GW	**Wet Chemistry for Groundwater Samples**					
GIS-210-010	Total Dissolved Solids	mg/l	730		790	
GIS-210-009	Total Suspended Solids	mg/l	8		21	
14808-79-8	Sulfate (as SO4)	mg/l	28.7		41.3	
GIS-110-012	Total Organic Carbon	mg/l	2.9		1	U
7783-06-4	Hydrogen Sulfide	mg/l	0.05	U	41	

303909

Appendix K

Appendix K

Analytical Detections and Exceedances

Sample Analysis Qualifiers

Organic Qualifiers:

U - Compound was analyzed for but not detected. The associated numerical value is the sample quantitation limit.

J - Estimated data due to exceeded quality control criteria.

N - Presumptive evidence of a compound.

P - The difference for detected concentration of a pesticide/Aroclor target analyte is greater than 25% between the two GC columns.

C - Identification of pesticide results was confirmed by GC/MS.

B - Analyte is found in the associated blank and in the sample.

E - Compound concentration exceeds the calibration range of the GC/MS instrument for that specific analysis.

D - Compound is identified at a secondary dilution factor.

A - TIC is suspected aldol - condensation product.

R - Data is rejected due to exceeded quality control criteria.

Inorganic Qualifiers:

B - Reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Analyte was analyzed for but not detected.

E - The reported value is estimated because of the presence of interference.

M - Duplicate injection precision not met.

N - Sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

W - Post-digestion spike for furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

R - Data is rejected.

* - Duplicate analysis not within control limits.

\+ - Correlation coefficient for the MSA is less than 0.995.

Table 1

Groundwater Sample Results
Rounds 1 and 2

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D			GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D			GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D			GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D			GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D		
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**																			
75-71-8	Dichlorodifluoromethane	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	ug/l	2			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	ug/l	50			5	U		2.8	J	#	5	U		5	U		5	U	
75-15-0	Carbon Disulfide	ug/l	50			0.5	U		0.5	U		0.5	U		0.5	U		0.8		#
79-20-9	Methyl Acetate	ug/l	N/A			0.5	UJ		0.5	U		0.5	UJ		0.5	U		0	R	
75-09-2	Methylene Chloride	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10			0.5	UJ		0.5	U		0.5	UJ		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-93-3	2-Butanone	ug/l	50			5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	ug/l	7			0.5	U		0.61		#	0.4	J	#	0.41	J	#	0.3	J	#
71-55-6	1,1,1-Trichloroethane	ug/l	5			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	ug/l	N/A			0.5	U		0.5	UJ		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	ug/l	5			0.5	U		0.5	U		0.5	U		0.12	J	#	0.5	UJ	
71-43-2	Benzene	ug/l	1			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	ug/l	0.6			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

303914

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D	GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D	GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D	GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D	GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**							
79-01-6	Trichloroethene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	ug/l	N/A	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	ug/l	1	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	ug/l	50	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	ug/l	50	0 R	5 U	0 R	5 U	0 R
108-88-3	Toluene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	ug/l	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	ug/l	50	0 R	5 U	0 R	5 U	0 R
124-48-1	Dibromochloromethane	ug/l	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	ug/l	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	ug/l	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	ug/l	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/l	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	ug/l	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

303915

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D		GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D		GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D		GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D		GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D	
SV-1-w	**SemiVolatile Organics - Page 1**												
100-52-7	Benzaldehyde	ug/l	N/A	10	U	10	U	10	UJ	10	U	10	UJ
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	10	UJ	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	ug/l	50	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	50	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	5	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	0.4	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	50	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	U	10	U	10	UJ	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	5	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	5	10	U	10	UJ	10	U	10	UJ	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.5	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	5	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	5	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	5	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	5	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	5	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	50	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	ug/l	5	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	ug/l	20	10	U	10	U	10	U	10	U	10	U

303916

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D		GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D		GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D		GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D		GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D	
SV-2-w	**SemiVolatile Organics - Page 2**												
51-28-5	2,4-Dinitrophenol	ug/l	10	25	U	25	U	25	U	25	U	25	U
100-02-7	4-Nitrophenol	ug/l	1	25	U	25	U	25	UJ	25	UJ	25	UJ
132-64-9	Dibenzofuran	ug/l	50	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	5	10	UJ	10	U	10	U	10	U	10	U
84-66-2	Diethyl phthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	50	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	50	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	5	25	U	25	U	25	U	25	UJ	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	UJ	25	U	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	ug/l	50	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	50	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	0.04	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	3	10	U	10	UJ	10	U	10	UJ	10	U
87-86-5	Pentachlorophenol	ug/l	1	25	U	25	U	25	U	25	UJ	25	U
85-01-8	Phenanthrene	ug/l	50	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	50	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	50	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	50	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	50	10	U	10	U	10	U	10	UJ	10	U
85-68-7	Benzyl butyl phthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	0	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	50	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	50	10	U	10	U	10	UJ	10	U	10	UJ

303917

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D		GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D		GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D		GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D		GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D	
SW-SV-phen	**Phenol Compounds**												
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	5	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	U	10	U	10	UJ	10	U
51-28-5	2,4-Dinitrophenol	ug/l	10	25	U	25	U	25	U	25	U	25	U
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	UJ	25	U	25	U	25	U	25	U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
100-02-7	4-Nitrophenol	ug/l	1	25	U	25	U	25	UJ	25	UJ	25	UJ
87-86-5	Pentachlorophenol	ug/l	1	25	U	25	U	25	U	25	UJ	25	U
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
Group Sum				0		0		0		0		0	

SW-pcbs	**PCBS**												
12674-11-2	Aroclor-1016	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	0.09	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
Group Sum				0		0		0		0		0	

303918

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D			GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D			GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D			GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D			GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D		
P/PCBs-w	**Pesticides/PCB Organics**																			
319-84-6	alpha-BHC	ug/l	0.01			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-85-7	beta-BHC	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-86-8	delta-BHC	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
58-89-9	gamma-BHC (Lindane)	ug/l	0.05			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
76-44-8	Heptachlor	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
309-00-2	Aldrin	ug/l	0			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
1024-57-3	Heptachlor Epoxide	ug/l	0.03			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
959-98-8	Endosulfan I	ug/l	50			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
60-57-1	Dieldrin	ug/l	0.004			0.1	U		0.0012	J	#	0.1	U		0.1	U		0.1	U	
72-55-9	4,4'-DDE	ug/l	0.2			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-20-8	Endrin	ug/l	0			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
33213-65-9	Endosulfan II	ug/l	50			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-54-8	4,4'-DDD	ug/l	0.3			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
1031-07-8	Endosulfan Sulfate	ug/l	50			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
50-29-3	4,4'-DDT	ug/l	0.2			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-43-5	Methoxychlor	ug/l	35			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
53494-70-5	Endrin Ketone	ug/l	5			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7421-93-4	Endrin Aldehyde	ug/l	5			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
5103-71-9	alpha-Chlordane	ug/l	0.05			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
5103-74-2	gamma-Chlordane	ug/l	0.05			0.05	U		0.0074	J	#	0.05	U		0.012	J	#	0.05	U	
8001-35-2	Toxphene	ug/l	0.06			5	U		5	U		5	U		5	U		5	U	
12674-11-2	Aroclor-1016	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11104-28-2	Aroclor-1221	ug/l	0.09			2	U		2	U		2	U		2	U		2	U	
11141-16-5	Aroclor-1232	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
53469-21-9	Aroclor-1242	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
12672-29-6	Aroclor-1248	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11097-69-1	Aroclor-1254	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11096-82-5	Aroclor-1260	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	

303919

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- Di[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-1D-R1 12/19/2001 38 to ft.BGS MW-1D			GWM-1D-R2 3/21/2002 40 to 40 ft.BGS MW-1D			GWM-2D-R1 12/19/2001 47 to ft.BGS MW-2D			GWM-2D-R2 3/20/2002 46 to 46 ft.BGS MW-2D			GWM-5D-R1 12/20/2001 55 to ft.BGS MW-5D		
Inorg-w	**Inorganic Analytes**																			
7429-90-5	Aluminum	ug/l	N/A			145	B	~	105	B	~	154	B	~	210		~	394	J	~
7440-36-0	Antimony	ug/l	3			2.5	U		1.5	U		2.5	U		1.5	U		2.5	U	
7440-38-2	Arsenic	ug/l	10			2.9	B	#	6.5	B	#	13.4		A	15.2		A	10.5		A
7440-39-3	Barium	ug/l	1000			84.8	B	#	84.8	B	#	138	B	#	160	B	#	104	B	#
7440-41-7	Beryllium	ug/l	3			0.3	U		0.3	U		0.3	U		0.3	U		0.3	U	
7440-43-9	Cadmium	ug/l	5			0.4	U		0.3	U		0.4	U		0.3	U		0.4	U	
7440-70-2	Calcium	ug/l	N/A			52800		~	54000		~	37500		~	45500		~	28600		~
7440-47-3	Chromium	ug/l	50			0.5	U		3.6	B	#	0.5	U		5	B	#	0.55	B	#
7440-48-4	Cobalt	ug/l	N/A			1	U		2	U		1	U		2	U		1	U	
7440-50-8	Copper	ug/l	200			1.5	U		2.2	B	#	1.5	U		1.9	B	#	2.4	B	#
7439-89-6	Iron	ug/l	300			62.4	B	#	117		#	64.2	B	#	354	J	A	529	J	A
7439-92-1	Lead	ug/l	15			1.9	U		1.6	U		1.9	U		1.6	U		1.9	U	
7439-95-4	Magnesium	ug/l	35000			13800		#	12700		#	7070		#	8160		#	5280		#
7439-96-5	Manganese	ug/l	300			476		A	343		A	58.4		#	71		#	55.2		#
7439-97-6	Mercury	ug/l	0.7			0.1	U		0.1	U		0.1	U		0.1	U		22.5		A
7440-02-0	Nickel	ug/l	100			1.1	B	#	2.6	B	#	0.9	U		3.6	B	#	0.9	U	
7440-09-7	Potassium	ug/l	N/A			3490	B	~	1280	B	~	2260	B	~	666	B	~	3340	B	~
7782-49-2	Selenium	ug/l	10			2.2	U		1.9	U		2.2	U		1.9	U		2.2	U	
7440-22-4	Silver	ug/l	50			0.9	U		0.5	U		0.9	U		0.5	U		0.9	U	
7440-23-5	Sodium	ug/l	20000			15800	J	#	10200		#	9760	J	#	6740		#	14300	J	#
7440-28-0	Thallium	ug/l	0.5			3.5	UJ		3	U		3.5	UJ		3	U		3.5	U	
7440-62-2	Vanadium	ug/l	N/A			1.1	U		1.7	U		1.1	U		1.7	U		1.1	U	
7440-66-6	Zinc	ug/l	2000			8.5	U		4.6	U		8.5	U		4.6	UJ		8.5	U	
7439-89-6	Iron	ug/l	300			62.4	B	#	117		#	64.2	B	#	354	J	A	529	J	A
7439-96-5	Manganese	ug/l	300			476		A	343		A	58.4		#	71		#	55.2		#
	Summed	ug/l	300			538.4	B	A	460		A	122.6	B		425	J	A	584.2	J	A
WetChem-GW	**Wet Chemistry for Groundwater Samples**																			
GIS-210-010	Total Dissolved Solids	mg/l	N/A			290		~	280		~	190		~	210		~	180		~
GIS-210-009	Total Suspended Solids	mg/l	N/A			8		~	1	U		7		~	12		~	25		~
14808-79-8	Sulfate (as SO4)	mg/l	250			52.7		#	34.4		#	29.5		#	26.9		#	23.9		#
GIS-110-012	Total Organic Carbon	mg/l	N/A			1	U		1	U		1	U		1	U		1	U	
7783-06-4	HYDROGEN SULFIDE	mg/l	N/A			0.05	U		34		~	0.05	U		27		~	0.05	U	

303920

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D			GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D			GWM-6D-R 0 4/5/2002 45 to 45 ft.BGS MW-6D		
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**																	
75-71-8	Dichlorodifluoromethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	ug/l	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	ug/l	50	5	U		8.8		#	5	U		5	U		5	U	
75-15-0	Carbon Disulfide	ug/l	50	0.7		#	0.11	J	#	0.12	J	#	0.5	U		0.5	U	
79-20-9	Methyl Acetate	ug/l	N/A	0	R		0.5	U		0.5	U		0.5	UJ		0.5	U	
75-09-2	Methylene Chloride	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	0.5	U		0.5	U		0.5	U		0.5	UJ		0.5	U	
75-34-3	1,1-Dichloroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-93-3	2-Butanone	ug/l	50	5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	ug/l	7	0.3	J	#	0.33	J	#	0.37	J	#	1		#	0.5	U	
71-55-6	1,1,1-Trichloroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	ug/l	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	ug/l	5	0.5	UJ		0.5	U		0.5	U		0.5	U		0.5	U	
71-43-2	Benzene	ug/l	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	ug/l	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

303921

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- [redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D			GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D			GWM-6D-R 0 4/5/2002 45 to 45 ft.BGS MW-6D		
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**																	
79-01-6	Trichloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-87-2	Methylcyclohexane	ug/l	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	ug/l	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	ug/l	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	ug/l	50	0	R		5	U		5	U		0	R		5	U	
108-88-3	Toluene	ug/l	5	0.5	U		0.056	J	#	0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	ug/l	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
591-78-6	2-Hexanone	ug/l	50	0	R		5	U		5	U		0	R		5	U	
124-48-1	Dibromochloromethane	ug/l	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-93-4	1,2-Dibromoethane	ug/l	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1330-20-7	Xylenes (total)	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	ug/l	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	ug/l	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	ug/l	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	ug/l	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

303922

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D		GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D		GWM-6D-R 0 4/5/2002 45 to 45 ft.BGS MW-6D	
SV-1-w	**SemiVolatile Organics - Page 1**												
100-52-7	Benzaldehyde	ug/l	N/A	10	UJ	10	U	10	U	10	U	10	U
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	10	U	10	U	10	U	10	UJ	10	U
98-86-2	Acetophenone	ug/l	50	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	50	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	5	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	0.4	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	50	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	5	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	5	10	U	10	UJ	10	UJ	10	U	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.5	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	5	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	5	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	5	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	5	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	5	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	50	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitrooaniline	ug/l	5	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	ug/l	20	10	U	10	U	10	U	10	U	10	U

303923

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D		GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D		GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D		GWM-6D-R 0 4/5/2002 45 to 45 ft.BGS MW-6D	
SV-2-w	**SemiVolatile Organics - Page 2**												
51-28-5	2,4-Dinitrophenol	ug/l	10	25	U	25	U	25	U	25	U	25	U
100-02-7	4-Nitrophenol	ug/l	1	25	UJ	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	ug/l	50	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	5	10	U	10	U	10	U	10	UJ	10	U
84-66-2	Diethyl phthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	50	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	50	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	5	25	U	25	U	25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	U	25	U	25	U	25	UJ	25	U
86-30-6	N-Nitrosodiphenylamine	ug/l	50	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	50	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	0.04	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	3	10	U	10	UJ	10	UJ	10	U	10	U
87-86-5	Pentachlorophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
85-01-8	Phenanthrene	ug/l	50	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	50	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	50	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	50	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	50	10	U	10	U	10	U	10	U	10	U
85-68-7	Benzyl butyl phthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	0	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	50	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	50	10	UJ	10	U	10	U	10	U	10	U

303924

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D			GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D			GWM-6D-R 0 4/5/2002 45 to 45 ft.BGS MW-6D		
SW-SV-phen	**Phenol Compounds**																			
95-95-4	2,4,5-Trichlorophenol	ug/l	1			25	U		25	U		25	U		25	U		25	U	
88-06-2	2,4,6-Trichlorophenol	ug/l	1			10	U		10	U		10	U		10	U		10	U	
120-83-2	2,4-Dichlorophenol	ug/l	5			10	U		10	U		10	U		10	U		10	U	
105-67-9	2,4-Dimethylphenol	ug/l	50			10	U		10	U		10	U		10	U		10	U	
51-28-5	2,4-Dinitrophenol	ug/l	10			25	U		25	U		25	U		25	U		25	U	
95-57-8	2-Chlorophenol	ug/l	1			10	U		10	U		10	U		10	U		10	U	
95-48-7	2-Methylphenol	ug/l	1			10	U		10	U		10	U		10	U		10	U	
88-75-5	2-Nitrophenol	ug/l	1			10	U		10	U		10	U		10	U		10	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1			25	U		25	U		25	U		25	UJ		25	U	
59-50-7	4-Chloro-3-methylphenol	ug/l	1			10	U		10	U		10	U		10	U		10	U	
106-44-5	4-Methylphenol	ug/l	1			10	U		10	U		10	U		10	U		10	U	
100-02-7	4-Nitrophenol	ug/l	1			25	UJ		25	U		25	U		25	U		25	U	
87-86-5	Pentachlorophenol	ug/l	1			25	U		25	U		25	U		25	U		25	U	
108-95-2	Phenol	ug/l	1			10	U		10	U		10	U		10	U		10	U	
Group Sum						0			0			0			0			0		

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D			GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D			GWM-6D-R 0 4/5/2002 45 to 45 ft.BGS MW-6D		
SW-pcbs	**PCBS**																			
12674-11-2	Aroclor-1016	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11104-28-2	Aroclor-1221	ug/l	0.09			2	U		2	U		2	U		2	U		2	U	
11141-16-5	Aroclor-1232	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
53469-21-9	Aroclor-1242	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
12672-29-6	Aroclor-1248	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11097-69-1	Aroclor-1254	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11096-82-5	Aroclor-1260	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
Group Sum						0			0			0			0			0		

303925

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Dr[redacted]d sample value does not exceed the screening criterion.
~ -- Du[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D			GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D			GWM-6D-R 0 4/5/2002 45 to 45 ft.BGS MW-6D		
P/PCBs-w	**Pesticides/PCB Organics**																			
319-84-6	alpha-BHC	ug/l	0.01			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-85-7	beta-BHC	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-86-8	delta-BHC	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
58-89-9	gamma-BHC (Lindane)	ug/l	0.05			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
76-44-8	Heptachlor	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
309-00-2	Aldrin	ug/l	0			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
1024-57-3	Heptachlor Epoxide	ug/l	0.03			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
959-98-8	Endosulfan I	ug/l	50			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
60-57-1	Dieldrin	ug/l	0.004			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-55-9	4,4'-DDE	ug/l	0.2			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-20-8	Endrin	ug/l	0			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
33213-65-9	Endosulfan II	ug/l	50			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-54-8	4,4'-DDD	ug/l	0.3			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
1031-07-8	Endosulfan Sulfate	ug/l	50			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
50-29-3	4,4'-DDT	ug/l	0.2			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-43-5	Methoxychlor	ug/l	35			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
53494-70-5	Endrin Ketone	ug/l	5			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7421-93-4	Endrin Aldehyde	ug/l	5			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
5103-71-9	alpha-Chlordane	ug/l	0.05			0.05	U		0.05	U		0.0021	J	#	0.05	U		0.05	U	
5103-74-2	gamma-Chlordane	ug/l	0.05			0.05	U		0.0065	J	#	0.0068	J	#	0.05	U		0.05	U	
8001-35-2	Toxphene	ug/l	0.06			5	U		5	U		5	U		5	U		5	U	
12674-11-2	Aroclor-1016	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11104-28-2	Aroclor-1221	ug/l	0.09			2	U		2	U		2	U		2	U		2	U	
11141-16-5	Aroclor-1232	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
53469-21-9	Aroclor-1242	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
12672-29-6	Aroclor-1248	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11097-69-1	Aroclor-1254	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11096-82-5	Aroclor-1260	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	

303926

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-5D-R1-D 12/20/2001 55 to ft.BGS MW-5D			GWM-5D-R2 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-5D-R2-D 3/21/2002 50 to 50 ft.BGS MW-5D			GWM-6D-R1 12/19/2001 50 to ft.BGS MW-6D			GWM-6D-R 0 4/5/2002 45 to 45 ft.BGS MW-6D		
Inorg-w	**Inorganic Analytes**																			
7429-90-5	Aluminum	ug/l	N/A			526	J	~	75.8	B	~	75.7	B	~	1360	J	~	4240	J	~
7440-36-0	Antimony	ug/l	3			2.5	U		1.5	U		1.5	U		2.5	U		3.1	U	
7440-38-2	Arsenic	ug/l	10			11.3		A	9.4	B	#	9.5	B	#	13.2		A	16		A
7440-39-3	Barium	ug/l	1000			104	B	#	72.4	B	#	69.8	B	#	92.1	B	#	107	B	#
7440-41-7	Beryllium	ug/l	3			0.3	U		0.3	U		0.3	U		0.3	U		0.2	U	
7440-43-9	Cadmium	ug/l	5			0.4	U		0.3	U		0.3	U		0.4	U		0.4	U	
7440-70-2	Calcium	ug/l	N/A			28000		~	14200		~	13300		~	28400		~	31900		~
7440-47-3	Chromium	ug/l	50			1.1	B	#	0.9	U		0.9	U		1.9	B	#	30.4		#
7440-48-4	Cobalt	ug/l	N/A			1	U		2	U		2	U		1.2	B	~	1.7	B	~
7440-50-8	Copper	ug/l	200			3.2	B	#	1.8	U		1.8	U		5.5	B	#	13	B	#
7439-89-6	Iron	ug/l	300			657	J	A	63.9	B	#	38.2	B	#	1790	J	A	5460		A
7439-92-1	Lead	ug/l	15			1.9	U		1.6	U		1.6	U		1.9	U		2.9	B	#
7439-95-4	Magnesium	ug/l	35000			5260		#	4520	B	#	4340	B	#	5440		#	6860		#
7439-96-5	Manganese	ug/l	300			56.2		#	18.2		#	15.5		#	75.9		#	154		#
7439-97-6	Mercury	ug/l	0.7			22.9		A	11.1		A	10.9		A	0.1	U		0.1	B	#
7440-02-0	Nickel	ug/l	100			1.7	B	#	1	U		1	U		1.9	B	#	22.1	B	#
7440-09-7	Potassium	ug/l	N/A			3700	B	~	9970	J	~	9850	J	~	1480	B	~	2340	B	~
7782-49-2	Selenium	ug/l	10			2.2	U		1.9	U		1.9	U		2.2	U		2.5	U	
7440-22-4	Silver	ug/l	50			0.9	U		0.5	U		0.5	U		0.9	U		1.1	U	
7440-23-5	Sodium	ug/l	20000			14500	J	#	22100		A	21500		A	13900	J	#	12500	J	#
7440-28-0	Thallium	ug/l	0.5			3.5	U		3	U		3	U		3.5	UJ		4.3	U	
7440-62-2	Vanadium	ug/l	N/A			1.5	B	~	1.7	U		1.7	U		2.1	B	~	6.4	B	~
7440-66-6	Zinc	ug/l	2000			8.5	U		4.6	U		4.6	U		8.5	U		15.9	B	#
7439-89-6	Iron	ug/l	300			657	J	A	63.9	B	#	38.2	B	#	1790	J	A	5460		A
7439-96-5	Manganese	ug/l	300			56.2		#	18.2		#	15.5		#	75.9		#	154		#
	Summed	ug/l	300			713.2	J	A	82.1	B		53.7	B		1865.9	J	A	5614		A
WetChem-GW	**Wet Chemistry for Groundwater Samples**																			
GIS-210-010	Total Dissolved Solids	mg/l	N/A			9000		~	150		~	150		~	150		~	100		~
GIS-210-009	Total Suspended Solids	mg/l	N/A			23		~	1	U		1	U		48		~	153		~
14808-79-8	Sulfate (as SO4)	mg/l	250			21.8		#	11.1		#	19.1		#	16.7		#	39		#
GIS-110-012	Total Organic Carbon	mg/l	N/A			1	U		1.7		~	1	U		1	U		1	U	
7783-06-4	HYDROGEN SULFIDE	mg/l	N/A			0.05	U		11		~	19		~	0.05	U		0.1	U	

303927

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D			GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D			GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S			GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S			GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1		
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**																	
75-71-8	Dichlorodifluoromethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	ug/l	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	ug/l	50	5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	ug/l	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	ug/l	N/A	0	R		0.5	U		0	R		0.5	U		0.5	UJ	
75-09-2	Methylene Chloride	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.3	J	#	0.5	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	0.5	UJ		0.5	U		0.5	U		0.5	U		0.5	UJ	
75-34-3	1,1-Dichloroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-93-3	2-Butanone	ug/l	50	5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	ug/l	7	0.5		#	0.5	U		0.5	U		1.2		#	0.5	U	
71-55-6	1,1,1-Trichloroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	ug/l	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	ug/l	5	0.5	UJ		0.5	U		0.5	UJ		0.5	U		0.5	U	
71-43-2	Benzene	ug/l	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	ug/l	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

303928

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D			GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D			GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S			GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S			GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1		
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**																	
79-01-6	Trichloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-87-2	Methylcyclohexane	ug/l	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	ug/l	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	ug/l	50	0.5	U		0.5	U		0.5	U		0.34	J	#	0.5	U	
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	ug/l	50	0	R		5	U		0	R		5	U		0	R	
108-88-3	Toluene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	ug/l	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	ug/l	5	0.5	U		0.5	U		0.5	U		0.37	J	#	0.5	U	
591-78-6	2-Hexanone	ug/l	50	0	R		5	U		0	R		5	U		0	R	
124-48-1	Dibromochloromethane	ug/l	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-93-4	1,2-Dibromoethane	ug/l	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1330-20-7	Xylenes (total)	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	ug/l	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	ug/l	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	ug/l	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	ug/l	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

303929

COMPARISON FLAGS:
A -- *Detected sample value is greater that the screening criterion.*
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D		GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D		GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S		GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S			GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1	
SV-1-w	**SemiVolatile Organics - Page 1**													
100-52-7	Benzaldehyde	ug/l	N/A	10	U	10	U	10	U	10	U		10	UJ
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U	10	U		10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	1	10	U	10	U	10	U	10	U		10	U
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U	10	U		10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	10	U	10	U	10	U	10	U		10	U
98-86-2	Acetophenone	ug/l	50	10	U	10	U	10	U	10	U		10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U		10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	50	10	U	10	U	10	U	10	U		10	U
67-72-1	Hexachloroethene	ug/l	5	10	U	10	U	10	U	10	U		10	U
98-95-3	Nitrobenzene	ug/l	0.4	10	U	10	U	10	U	10	U		10	U
78-59-1	Isophorone	ug/l	50	10	U	10	U	10	U	10	U		10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U	10	U		10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	UJ	10	U	10	UJ		10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	10	U	10	U	10	U	10	U		10	U
120-83-2	2,4-Dichlorophenol	ug/l	5	10	U	10	U	10	U	10	U		10	U
91-20-3	Naphthalene	ug/l	10	10	U	10	U	10	U	10	U		10	U
106-47-8	p-Chloroaniline	ug/l	5	10	U	10	UJ	10	U	10	UJ		10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.5	10	U	10	U	10	U	10	U		10	U
105-60-2	Caprolactam	ug/l	N/A	10	U	10	U	10	U	0.7	J	~	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U	10	U		10	U
91-57-6	2-Methylnaphthalene	ug/l	N/A	10	U	10	U	10	U	10	U		10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	5	10	U	10	U	10	U	10	U		10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U	10	U		10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U	25	U		25	U
92-52-4	1,1'-Biphenyl	ug/l	5	10	U	10	U	10	U	10	U		10	U
91-58-7	2-Chloronaphthalene	ug/l	5	10	U	10	U	10	U	10	U		10	U
88-74-4	2-Nitroaniline	ug/l	5	25	U	25	U	25	U	25	U		25	U
131-11-3	Dimethyl phthalate	ug/l	50	10	U	10	U	10	U	10	U		10	U
606-20-2	2,6-Dinitrotoluene	ug/l	5	10	U	10	U	10	U	10	U		10	U
208-96-8	Acenaphthylene	ug/l	50	10	U	10	U	10	U	10	U		10	U
99-09-2	3-Nitrooaniline	ug/l	5	25	U	25	U	25	U	25	U		25	U
83-32-9	Acenaphthene	ug/l	20	10	U	10	U	10	U	10	U		10	U

303930

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D	GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D	GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S	GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S	GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1
SV-2-w	**SemiVolatile Organics - Page 2**							
51-28-5	2,4-Dinitrophenol	ug/l	10	25 U	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	ug/l	1	25 U	25 UJ	25 U	25 UJ	25 UJ
132-64-9	Dibenzofuran	ug/l	50	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	ug/l	5	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/l	50	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	50	10 U	10 U	10 U	10 U	10 U
100-01-6	P-Nitroaniline	ug/l	5	25 U	25 UJ	25 U	25 UJ	25 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	ug/l	50	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/l	50	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/l	0.04	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	ug/l	3	10 U	10 UJ	10 U	10 UJ	10 U
87-86-5	Pentachlorophenol	ug/l	1	25 U	25 UJ	25 U	25 UJ	25 U
85-01-8	Phenanthrene	ug/l	50	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/l	50	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/l	50	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/l	50	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/l	50	10 U	10 UJ	10 U	10 UJ	10 U
85-68-7	Benzyl butyl phthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/l	0	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenzo(a,h)anthracene	ug/l	50	10 UJ	10 U	10 UJ	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	ug/l	50	10 UJ	10 U	10 UJ	10 U	10 UJ

303931

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D		GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D		GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S		GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S		GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1	
SW-SV-phen	**Phenol Compounds**												
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	5	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	UJ	10	U	10	UJ	10	U
51-28-5	2,4-Dinitrophenol	ug/l	10	25	U	25	U	25	U	25	U	25	U
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
100-02-7	4-Nitrophenol	ug/l	1	25	U	25	UJ	25	U	25	UJ	25	UJ
87-86-5	Pentachlorophenol	ug/l	1	25	U	25	UJ	25	U	25	UJ	25	U
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
Group Sum				0		0		0		0		0	
SW-pcbs	**PCBS**												
12674-11-2	Aroclor-1016	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	0.09	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
Group Sum				0		0		0		0		0	

303932

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D			GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D			GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S			GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S			GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1		
P/PCBs-w	**Pesticides/PCB Organics**																			
319-84-6	alpha-BHC	ug/l	0.01			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-85-7	beta-BHC	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-86-8	delta-BHC	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
58-89-9	gamma-BHC (Lindane)	ug/l	0.05			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
76-44-8	Heptachlor	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
309-00-2	Aldrin	ug/l	0			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
1024-57-3	Heptachlor Epoxide	ug/l	0.03			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
959-98-8	Endosulfan I	ug/l	50			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
60-57-1	Dieldrin	ug/l	0.004			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-55-9	4,4'-DDE	ug/l	0.2			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-20-8	Endrin	ug/l	0			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
33213-65-9	Endosulfan II	ug/l	50			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-54-8	4,4'-DDD	ug/l	0.3			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
1031-07-8	Endosulfan Sulfate	ug/l	50			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
50-29-3	4,4'-DDT	ug/l	0.2			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-43-5	Methoxychlor	ug/l	35			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
53494-70-5	Endrin Ketone	ug/l	5			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7421-93-4	Endrin Aldehyde	ug/l	5			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
5103-71-9	alpha-Chlordane	ug/l	0.05			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
5103-74-2	gamma-Chlordane	ug/l	0.05			0.05	U		0.0082	J	#	0.05	U		0.05	U		0.05	U	
8001-35-2	Toxphene	ug/l	0.06			5	U		5	U		5	U		5	U		5	U	
12674-11-2	Aroclor-1016	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11104-28-2	Aroclor-1221	ug/l	0.09			2	U		2	U		2	U		2	U		2	U	
11141-16-5	Aroclor-1232	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
53469-21-9	Aroclor-1242	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
12672-29-6	Aroclor-1248	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11097-69-1	Aroclor-1254	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11096-82-5	Aroclor-1260	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	

303933

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Dr[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater				GWM-7D-R1 12/17/2001 50 to ft.BGS MW-7D			GWM-7D-R2 3/19/2002 45 to 45 ft.BGS MW-7D			GWM-7S-R1 12/17/2001 15 to ft.BGS MW-7S			GWM-7S-R2 3/19/2002 16 to 16 ft.BGS MW-7S			GWM-OW1-R1 12/19/2001 15 to ft.BGS OW-1		
Inorg-w	**Inorganic Analytes**																				
7429-90-5	Aluminum	ug/l	N/A				319	J	~	180	B	~	145	B	~	306		~	411	J	~
7440-36-0	Antimony	ug/l	3				2.5	U		2.2	B	#	2.5	U		1.5	U		2.5	U	
7440-38-2	Arsenic	ug/l	10				1.8	U		1.7	U		1.8	B	#	1.7	U		1.8	B	#
7440-39-3	Barium	ug/l	1000				193	B	#	42.7	B	#	189	B	#	43.6	B	#	22.7	B	#
7440-41-7	Beryllium	ug/l	3				0.3	U		0.3	U		0.3	U		0.3	U		0.3	U	
7440-43-9	Cadmium	ug/l	5				0.4	U		0.3	U		0.4	U		0.3	U		0.4	U	
7440-70-2	Calcium	ug/l	N/A				79800		~	79300		~	122000		~	87900		~	58100		~
7440-47-3	Chromium	ug/l	50				3.5	B	#	2.3	B	#	2.2	B	#	11.8		#	0.72	B	#
7440-48-4	Cobalt	ug/l	N/A				1	U		2	U		1	U		2	U		1	U	
7440-50-8	Copper	ug/l	200				4.8	B	#	2.6	B	#	2.5	B	#	3.6	B	#	2	B	#
7439-89-6	Iron	ug/l	300				834	J	A	254	J	#	390	J	A	745	J	A	495	J	A
7439-92-1	Lead	ug/l	15				1.9	U		1.6	U		1.9	U		1.7	B	#	1.9	U	
7439-95-4	Magnesium	ug/l	35000				17500		#	16700		#	16000		#	12500		#	19300		#
7439-96-5	Manganese	ug/l	300				88		#	67		#	110		#	89.8		#	64.9		#
7439-97-6	Mercury	ug/l	0.7				0.1	U		0.1	U		0.1	U		0.1	U		0.18	B	#
7440-02-0	Nickel	ug/l	100				3	B	#	2.7	B	#	2.4	B	#	8.2	B	#	1.4	B	#
7440-09-7	Potassium	ug/l	N/A				3070	B	~	3350	B	~	4020	B	~	4120	B	~	2120	B	~
7782-49-2	Selenium	ug/l	10				2.2	U		1.9	U		2.2	U		1.9	U		2.2	U	
7440-22-4	Silver	ug/l	50				1.2	B	#	0.54	B	#	0.9	U		0.5	U		0.9	U	
7440-23-5	Sodium	ug/l	20000				34600	J	A	39500		A	271000	J	A	231000		A	85400	J	A
7440-28-0	Thallium	ug/l	0.5				3.5	U		3	U		3.5	UJ		3	U		3.5	UJ	
7440-62-2	Vanadium	ug/l	N/A				1.1	U		1.8	B	~	1.1	U		1.7	U		1.1	U	
7440-66-6	Zinc	ug/l	2000				8.5	U		23.7	J	#	8.5	U		4.6	UJ		8.5	U	
7439-89-6	Iron	ug/l	300				834	J	A	254	J	#	390	J	A	745	J	A	495	J	A
7439-96-5	Manganese	ug/l	300				88		#	67		#	110		#	89.8		#	64.9		#
	Summed	ug/l	300				922	J	A	321	J	A	500	J	A	834.8	J	A	559.9	J	A
WetChem-GW	**Wet Chemistry for Groundwater Samples**																				
GIS-210-010	Total Dissolved Solids	mg/l	N/A				410		~	480		~	1200		~	1000		~	460		~
GIS-210-009	Total Suspended Solids	mg/l	N/A				15		~	12		~	9		~	25		~	23		~
14808-79-8	Sulfate (as SO4)	mg/l	250				25.6		#	23.9		#	40.9		#	69		#	37.8		#
GIS-110-012	Total Organic Carbon	mg/l	N/A				1	U		1	U		1	U		1		~	1	U	
7783-06-4	HYDROGEN SULFIDE	mg/l	N/A				0.11		~	24		~	0.05	U		340		~	0.05	U	

303934

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1	GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2	GWM-OW2-R2 3/20/2002 to OW-2	GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3	GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**							
75-71-8	Dichlorodifluoromethane	ug/l	5	0.5 U	3 #	2.8 #	0.5 U	0.5 U
74-87-3	Chloromethane	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	ug/l	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	ug/l	5	0.19 J #	0.5 U	0.17 J #	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	ug/l	50	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	ug/l	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	ug/l	N/A	0.5 U	0 R	0.5 U	0 R	0.5 U
75-09-2	Methylene Chloride	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
78-93-3	2-Butanone	ug/l	50	5 U	5 U	5 U	5 U	5 U
74-97-5	Chlorobromomethane	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	ug/l	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	ug/l	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	ug/l	5	0.5 U	0.5 UJ	0.12 J #	0.5 UJ	0.5 U
71-43-2	Benzene	ug/l	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	ug/l	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

303935

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1	GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2	GWM-OW2-R2 3/20/2002 to OW-2	GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3	GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**							
79-01-6	Trichloroethene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	ug/l	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	ug/l	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	ug/l	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	ug/l	50	5 U	0 R	5 U	0 R	5 U
108-88-3	Toluene	ug/l	5	0.5 U	0.5 U	0.11 J #	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	ug/l	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	ug/l	5	0.5 U	0.5 U	0.43 J #	0.5 U	0.5 U
591-78-6	2-Hexanone	ug/l	50	5 U	0 R	5 U	0 R	5 U
124-48-1	Dibromochloromethane	ug/l	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	ug/l	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	ug/l	5	0.5 U	0.5 U	0.36 J #	0.5 U	0.5 U
100-42-5	Styrene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	ug/l	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	ug/l	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/l	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	ug/l	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

303936

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1		GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2		GWM-OW2-R2 3/20/2002 to OW-2			GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3		GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3	
SV-1-w	**SemiVolatile Organics - Page 1**													
100-52-7	Benzaldehyde	ug/l	N/A	10	U	10	UJ	10	U		10	U	10	U
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U		10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	1	10	U	10	U	10	U		10	U	10	U
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U		10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U		10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	10	U	10	U	10	U		10	U	10	U
98-86-2	Acetophenone	ug/l	50	10	U	10	U	10	U		10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U		10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	50	10	U	10	U	10	U		10	U	10	U
67-72-1	Hexachloroethene	ug/l	5	10	U	10	U	10	U		10	U	10	U
98-95-3	Nitrobenzene	ug/l	0.4	10	U	10	U	10	U		10	U	10	U
78-59-1	Isophorone	ug/l	50	10	U	10	U	10	U		10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U		10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	U	10	UJ		10	U	10	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	10	U	10	U	10	U		10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	5	10	U	10	U	10	U		10	U	10	U
91-20-3	Naphthalene	ug/l	10	10	U	10	U	10	U		10	U	10	U
106-47-8	p-Chloroaniline	ug/l	5	10	UJ	10	U	10	UJ		10	U	10	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.5	10	U	10	U	10	U		10	U	10	U
105-60-2	Caprolactam	ug/l	N/A	10	U	10	U	0.8	J	~	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U		10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	N/A	10	U	10	U	10	U		10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	5	10	U	10	U	10	U		10	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U		10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U		25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	5	10	U	10	U	10	U		10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	5	10	U	10	U	10	U		10	U	10	U
88-74-4	2-Nitroaniline	ug/l	5	25	U	25	U	25	U		25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	50	10	U	10	U	10	U		10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	5	10	U	10	U	10	U		10	U	10	U
208-96-8	Acenaphthylene	ug/l	50	10	U	10	U	10	U		10	U	10	U
99-09-2	3-Nitrooaniline	ug/l	5	25	U	25	U	25	U		25	U	25	U
83-32-9	Acenaphthene	ug/l	20	10	U	10	U	10	U		10	U	10	U

303937

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted]d sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1	GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2	GWM-OW2-R2 3/20/2002 to OW-2	GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3	GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3
SV-2-w	**SemiVolatile Organics - Page 2**							
51-28-5	2,4-Dinitrophenol	ug/l	10	25 U	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	ug/l	1	25 U	25 UJ	25 UJ	25 U	25 UJ
132-64-9	Dibenzofuran	ug/l	50	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	ug/l	5	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/l	50	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	50	10 U	10 U	10 U	10 U	10 U
100-01-6	P-Nitroaniline	ug/l	5	25 U	25 U	25 UJ	25 U	25 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	ug/l	50	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/l	50	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/l	0.04	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	ug/l	3	10 UJ	10 U	10 UJ	10 U	10 UJ
87-86-5	Pentachlorophenol	ug/l	1	25 U	25 U	25 UJ	25 U	25 UJ
85-01-8	Phenanthrene	ug/l	50	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/l	50	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/l	50	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/l	50	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/l	50	10 U	10 U	10 UJ	10 U	10 UJ
85-68-7	Benzyl butyl phthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/l	0	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenzo(a,h)anthracene	ug/l	50	10 U	10 U	10 U	10 UJ	10 U
191-24-2	Benzo(g,h,i)perylene	ug/l	50	10 U	10 UJ	10 U	10 UJ	10 U

303938

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1		GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2		GWM-OW2-R2 3/20/2002 to OW-2		GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3		GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3	
SW-SV-phen	**Phenol Compounds**												
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	5	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	U	10	UJ	10	U	10	UJ
51-28-5	2,4-Dinitrophenol	ug/l	10	25	U	25	U	25	U	25	U	25	U
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
100-02-7	4-Nitrophenol	ug/l	1	25	U	25	UJ	25	UJ	25	U	25	UJ
87-86-5	Pentachlorophenol	ug/l	1	25	U	25	U	25	UJ	25	U	25	UJ
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
Group Sum				0		0		0		0		0	

SW-pcbs	**PCBS**												
12674-11-2	Aroclor-1016	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	0.09	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	0.09	1	U	1	U	1	U	1	U	1	U
Group Sum				0		0		0		0		0	

303939

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1			GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2			GWM-OW2-R2 3/20/2002 to OW-2			GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3			GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3		
P/PCBs-w	**Pesticides/PCB Organics**																			
319-84-6	alpha-BHC	ug/l	0.01			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-85-7	beta-BHC	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-86-8	delta-BHC	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
58-89-9	gamma-BHC (Lindane)	ug/l	0.05			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
76-44-8	Heptachlor	ug/l	0.04			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
309-00-2	Aldrin	ug/l	0			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
1024-57-3	Heptachlor Epoxide	ug/l	0.03			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
959-98-8	Endosulfan I	ug/l	50			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
60-57-1	Dieldrin	ug/l	0.004			0.0017	J	#	0.1	U		0.1	U		0.1	U		0.1	U	
72-55-9	4,4'-DDE	ug/l	0.2			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-20-8	Endrin	ug/l	0			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
33213-65-9	Endosulfan II	ug/l	50			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-54-8	4,4'-DDD	ug/l	0.3			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
1031-07-8	Endosulfan Sulfate	ug/l	50			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
50-29-3	4,4'-DDT	ug/l	0.2			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-43-5	Methoxychlor	ug/l	35			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
53494-70-5	Endrin Ketone	ug/l	5			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7421-93-4	Endrin Aldehyde	ug/l	5			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
5103-71-9	alpha-Chlordane	ug/l	0.05			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
5103-74-2	gamma-Chlordane	ug/l	0.05			0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
8001-35-2	Toxphene	ug/l	0.06			5	U		5	U		5	U		5	U		5	U	
12674-11-2	Aroclor-1016	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11104-28-2	Aroclor-1221	ug/l	0.09			2	U		2	U		2	U		2	U		2	U	
11141-16-5	Aroclor-1232	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
53469-21-9	Aroclor-1242	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
12672-29-6	Aroclor-1248	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11097-69-1	Aroclor-1254	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	
11096-82-5	Aroclor-1260	ug/l	0.09			1	U		1	U		1	U		1	U		1	U	

303940

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater				GWM-OW1-R2 3/21/2002 15 to 15 ft.BGS OW-1			GWM-OW2-R1 12/20/2001 15 to ft.BGS OW-2			GWM-OW2-R2 3/20/2002 to OW-2			GWM-OW3-R1 12/18/2001 15 to ft.BGS OW-3			GWM-OW3-R2 3/19/2002 20 to 20 ft.BGS OW-3		
Inorg-w	**Inorganic Analytes**																				
7429-90-5	Aluminum	ug/l	N/A				289		~	2120	J	~	2920		~	661	J	~	18800		~
7440-36-0	Antimony	ug/l	3				1.5	U		2.5	U		3.4	B	A	2.5	U		1.5	U	
7440-38-2	Arsenic	ug/l	10				1.7	U		2.3	B	#	1.9	B	#	1.8	U		19.2		A
7440-39-3	Barium	ug/l	1000				27.6	B	#	70.7	B	#	64	B	#	128	B	#	141	B	#
7440-41-7	Beryllium	ug/l	3				0.3	U		0.3	U		0.38	B	#	0.3	U		1.2	B	#
7440-43-9	Cadmium	ug/l	5				0.3	U		0.78	B	#	0.4	B	#	0.4	U		1.3	B	#
7440-70-2	Calcium	ug/l	N/A				60300		~	84600		~	65700		~	75600		~	282000		~
7440-47-3	Chromium	ug/l	50				3.1	B	#	8.8	B	#	8.2	B	#	11.5		#	29.9		#
7440-48-4	Cobalt	ug/l	N/A				3.1	B	~	3.3	B	~	15.8	B	~	7.8	B	~	39.6	B	~
7440-50-8	Copper	ug/l	200				2.6	B	#	14.2	B	#	20.3	B	#	4.9	B	#	99.7		#
7439-89-6	Iron	ug/l	300				651	J	A	5380	J	A	8430	J	A	2030	J	A	60500	J	A
7439-92-1	Lead	ug/l	15				1.6	U		5.1		#	10.3		#	1.9	U		25.5		A
7439-95-4	Magnesium	ug/l	35000				20300		#	17100		#	13200		#	9240		#	83000		A
7439-96-5	Manganese	ug/l	300				76.8		#	1240		A	1690		A	21500		A	45800		A
7439-97-6	Mercury	ug/l	0.7				0.17	B	#	0.1	U		0.11	B	#	0.1	U		0.12	B	#
7440-02-0	Nickel	ug/l	100				2.9	B	#	13	B	#	17.9	B	#	6	B	#	55.3		#
7440-09-7	Potassium	ug/l	N/A				3020	B	~	57600	J	~	61800	J	~	9240	J	~	13400	J	~
7782-49-2	Selenium	ug/l	10				1.9	U		5.5		#	11.6		A	4.6	B	#	15.4		A
7440-22-4	Silver	ug/l	50				0.5	U		0.9	U		0.5	U		4.3	B	#	2.6	B	#
7440-23-5	Sodium	ug/l	20000				86900		A	212000	J	A	200000		A	63900	J	A	65300		A
7440-28-0	Thallium	ug/l	0.5				3	U		3.5	U		3	U		3.5	UJ		37.2		A
7440-62-2	Vanadium	ug/l	N/A				1.7	U		4.7	B	~	6.7	B	~	1.1	U		41.1	B	~
7440-66-6	Zinc	ug/l	2000				4.6	U		160		#	180		#	9.7	B	#	260		#
7439-89-6	Iron	ug/l	300				651	J	A	5380	J	A	8430	J	A	2030	J	A	60500	J	A
7439-96-5	Manganese	ug/l	300				76.8		#	1240		A	1690		A	21500		A	45800		A
	Summed	ug/l	300				727.8	J	A	6620	J	A	10120	J	A	23530	J	A	106300	J	A
WetChem-GW	**Wet Chemistry for Groundwater Samples**																				
GIS-210-010	Total Dissolved Solids	mg/l	N/A				460		~	990		~	850		~	580		~	740		~
GIS-210-009	Total Suspended Solids	mg/l	N/A				279		~	160		~	788		~	68		~	2930		~
14808-79-8	Sulfate (as SO4)	mg/l	250				28.8		#	52.9		#	90		#	42.2		#	133		#
GIS-110-012	Total Organic Carbon	mg/l	N/A				1	U		1.6		~	2.2		~	1.4		~	2.2		~
7783-06-4	HYDROGEN SULFIDE	mg/l	N/A				29		~	0.05	U		450		~	0.05	U		130		~

303941

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4			GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4		
LC-V-gw-1	**Low Concentration Volatile Organics for GW - Page 1**										
75-71-8	Dichlorodifluoromethane	ug/l	5			0.5	U		0.5	U	
74-87-3	Chloromethane	ug/l	5			0.5	U		0.5	U	
75-01-4	Vinyl Chloride	ug/l	2			0.5	U		0.5	U	
74-83-9	Bromomethane	ug/l	5			0.5	U		0.5	U	
75-00-3	Chloroethane	ug/l	5			0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	ug/l	5			0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	ug/l	5			0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5			0.5	U		0.5	U	
67-64-1	Acetone	ug/l	50			5	U		6.1		#
75-15-0	Carbon Disulfide	ug/l	50			0.5	U		0.5	U	
79-20-9	Methyl Acetate	ug/l	N/A			0	R		0.5	U	
75-09-2	Methylene Chloride	ug/l	5			0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	ug/l	5			0.5	U		0.5	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10			0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	ug/l	5			0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	ug/l	5			0.5	U		0.5	U	
78-93-3	2-Butanone	ug/l	50			5	U		5	U	
74-97-5	Chlorobromomethane	ug/l	5			0.5	U		0.5	U	
67-66-3	Chloroform	ug/l	7			0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	ug/l	5			0.5	U		0.5	U	
110-82-7	Cyclohexane	ug/l	N/A			0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	ug/l	5			0.5	UJ		0.5	U	
71-43-2	Benzene	ug/l	1			0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	ug/l	0.6			0.5	U		0.5	U	

303942

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4			GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4		
LC-V-gw-2	**Low Concentration Volatile Organics for GW - Page 2**										
79-01-6	Trichloroethene	ug/l	5			0.5	U		0.5	U	
108-87-2	Methylcyclohexane	ug/l	N/A			0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	ug/l	1			0.5	U		0.14	J	#
75-27-4	Bromodichloromethane	ug/l	50			0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4			0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	ug/l	50			0	R		5	U	
108-88-3	Toluene	ug/l	5			0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4			0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	ug/l	1			0.5	U		0.5	U	
127-18-4	Tetrachloroethene	ug/l	5			0.5	U		0.5	U	
591-78-6	2-Hexanone	ug/l	50			0	R		5	U	
124-48-1	Dibromochloromethane	ug/l	50			0.5	U		0.5	U	
106-93-4	1,2-Dibromoethane	ug/l	0.0006			0.5	U		0.5	U	
108-90-7	Chlorobenzene	ug/l	5			0.5	U		0.5	U	
100-41-4	Ethylbenzene	ug/l	5			0.5	U		0.5	U	
1330-20-7	Xylenes (total)	ug/l	5			0.5	U		0.5	U	
100-42-5	Styrene	ug/l	5			0.5	U		0.5	U	
75-25-2	Bromoform	ug/l	50			0.5	U		0.5	U	
98-82-8	Isopropylbenzene	ug/l	5			0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5			0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	ug/l	3			0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	ug/l	3			0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	ug/l	3			0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04			0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	ug/l	5			0.5	U		0.5	U	
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5			0.5	U		0.5	U	

303943

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4			GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4		
SV-1-w	**SemiVolatile Organics - Page 1**										
100-52-7	Benzaldehyde	ug/l	N/A			11	U		10	U	
108-95-2	Phenol	ug/l	1			11	U		10	U	
111-44-4	bis(2-Chloroethyl)ether	ug/l	1			11	U		10	U	
95-57-8	2-Chlorophenol	ug/l	1			11	U		10	U	
95-48-7	2-Methylphenol	ug/l	1			11	U		10	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5			11	U		10	U	
98-86-2	Acetophenone	ug/l	50			11	U		10	U	
106-44-5	4-Methylphenol	ug/l	1			11	U		10	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/l	50			11	U		10	U	
67-72-1	Hexachloroethene	ug/l	5			11	U		10	U	
98-95-3	Nitrobenzene	ug/l	0.4			11	U		10	U	
78-59-1	Isophorone	ug/l	50			11	U		10	U	
88-75-5	2-Nitrophenol	ug/l	1			11	U		10	U	
105-67-9	2,4-Dimethylphenol	ug/l	50			11	U		10	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5			11	U		10	U	
120-83-2	2,4-Dichlorophenol	ug/l	5			11	U		10	U	
91-20-3	Naphthalene	ug/l	10			11	U		10	U	
106-47-8	p-Chloroaniline	ug/l	5			11	U		10	UJ	
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.5			11	U		10	U	
105-60-2	Caprolactam	ug/l	N/A			11	U		10	U	
59-50-7	4-Chloro-3-methylphenol	ug/l	1			11	U		10	U	
91-57-6	2-Methylnaphthalene	ug/l	N/A			11	U		10	U	
77-47-4	Hexachlorocyclopentadiene	ug/l	5			11	U		10	U	
88-06-2	2,4,6-Trichlorophenol	ug/l	1			11	U		10	U	
95-95-4	2,4,5-Trichlorophenol	ug/l	1			26	U		25	U	
92-52-4	1,1'-Biphenyl	ug/l	5			11	U		10	U	
91-58-7	2-Chloronaphthalene	ug/l	5			11	U		10	U	
88-74-4	2-Nitroaniline	ug/l	5			26	U		25	U	
131-11-3	Dimethyl phthalate	ug/l	50			11	U		10	U	
606-20-2	2,6-Dinitrotoluene	ug/l	5			11	U		10	U	
208-96-8	Acenaphthylene	ug/l	50			11	U		10	U	
99-09-2	3-Nitrooaniline	ug/l	5			26	U		25	U	
83-32-9	Acenaphthene	ug/l	20			11	U		10	U	

303944

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater	GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4		GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4	
SV-2-w	**SemiVolatile Organics - Page 2**						
51-28-5	2,4-Dinitrophenol	ug/l	10	26	U	25	U
100-02-7	4-Nitrophenol	ug/l	1	26	U	25	U
132-64-9	Dibenzofuran	ug/l	50	11	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	5	11	U	10	U
84-66-2	Diethyl phthalate	ug/l	50	11	U	10	U
86-73-7	Fluorene	ug/l	50	11	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	50	11	U	10	U
100-01-6	P-Nitroaniline	ug/l	5	26	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	26	U	25	U
86-30-6	N-Nitrosodiphenylamine	ug/l	50	11	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	50	11	U	10	U
118-74-1	Hexachlorobenzene	ug/l	0.04	11	U	10	U
1912-24-9	Atrazine	ug/l	3	11	U	10	UJ
87-86-5	Pentachlorophenol	ug/l	1	26	U	25	U
85-01-8	Phenanthrene	ug/l	50	11	U	10	U
120-12-7	Anthracene	ug/l	50	11	U	10	U
86-74-8	Carbazole	ug/l	50	11	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	50	11	U	10	U
206-44-0	Fluoranthene	ug/l	50	11	U	10	U
129-00-0	Pyrene	ug/l	50	11	U	10	U
85-68-7	Benzyl butyl phthalate	ug/l	50	11	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	11	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	0.002	11	U	10	U
218-01-9	Chrysene	ug/l	0.002	11	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	11	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	50	11	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	11	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	11	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	0	11	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	11	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	50	11	UJ	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	50	11	UJ	10	U

303945

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4			GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4		
SW-SV-phen	**Phenol Compounds**										
95-95-4	2,4,5-Trichlorophenol	ug/l	1			26	U		25	U	
88-06-2	2,4,6-Trichlorophenol	ug/l	1			11	U		10	U	
120-83-2	2,4-Dichlorophenol	ug/l	5			11	U		10	U	
105-67-9	2,4-Dimethylphenol	ug/l	50			11	U		10	U	
51-28-5	2,4-Dinitrophenol	ug/l	10			26	U		25	U	
95-57-8	2-Chlorophenol	ug/l	1			11	U		10	U	
95-48-7	2-Methylphenol	ug/l	1			11	U		10	U	
88-75-5	2-Nitrophenol	ug/l	1			11	U		10	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1			26	U		25	U	
59-50-7	4-Chloro-3-methylphenol	ug/l	1			11	U		10	U	
106-44-5	4-Methylphenol	ug/l	1			11	U		10	U	
100-02-7	4-Nitrophenol	ug/l	1			26	U		25	U	
87-86-5	Pentachlorophenol	ug/l	1			26	U		25	U	
108-95-2	Phenol	ug/l	1			11	U		10	U	
Group Sum						0			0		
SW-pcbs	**PCBS**										
12674-11-2	Aroclor-1016	ug/l	0.09			1	U		1	U	
11104-28-2	Aroclor-1221	ug/l	0.09			2	U		2	U	
11141-16-5	Aroclor-1232	ug/l	0.09			1	U		1	U	
53469-21-9	Aroclor-1242	ug/l	0.09			1	U		1	U	
12672-29-6	Aroclor-1248	ug/l	0.09			1	U		1	U	
11097-69-1	Aroclor-1254	ug/l	0.09			1	U		1	U	
11096-82-5	Aroclor-1260	ug/l	0.09			1	U		1	U	
Group Sum						0			0		

303946

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4			GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4		
P/PCBs-w	**Pesticides/PCB Organics**										
319-84-6	alpha-BHC	ug/l	0.01			0.05	U		0.05	U	
319-85-7	beta-BHC	ug/l	0.04			0.05	U		0.05	U	
319-86-8	delta-BHC	ug/l	0.04			0.05	U		0.05	U	
58-89-9	gamma-BHC (Lindane)	ug/l	0.05			0.05	U		0.05	U	
76-44-8	Heptachlor	ug/l	0.04			0.05	U		0.05	U	
309-00-2	Aldrin	ug/l	0			0.05	U		0.05	U	
1024-57-3	Heptachlor Epoxide	ug/l	0.03			0.05	U		0.05	U	
959-98-8	Endosulfan I	ug/l	50			0.05	U		0.05	U	
60-57-1	Dieldrin	ug/l	0.004			0.1	U		0.1	U	
72-55-9	4,4'-DDE	ug/l	0.2			0.1	U		0.1	U	
72-20-8	Endrin	ug/l	0			0.1	U		0.1	U	
33213-65-9	Endosulfan II	ug/l	50			0.1	U		0.1	U	
72-54-8	4,4'-DDD	ug/l	0.3			0.1	U		0.1	U	
1031-07-8	Endosulfan Sulfate	ug/l	50			0.1	U		0.1	U	
50-29-3	4,4'-DDT	ug/l	0.2			0.1	U		0.1	U	
72-43-5	Methoxychlor	ug/l	35			0.5	U		0.5	U	
53494-70-5	Endrin Ketone	ug/l	5			0.1	U		0.1	U	
7421-93-4	Endrin Aldehyde	ug/l	5			0.1	U		0.1	U	
5103-71-9	alpha-Chlordane	ug/l	0.05			0.05	U		0.05	U	
5103-74-2	gamma-Chlordane	ug/l	0.05			0.05	U		0.05	U	
8001-35-2	Toxphene	ug/l	0.06			5	U		5	U	
12674-11-2	Aroclor-1016	ug/l	0.09			1	U		1	U	
11104-28-2	Aroclor-1221	ug/l	0.09			2	U		2	U	
11141-16-5	Aroclor-1232	ug/l	0.09			1	U		1	U	
53469-21-9	Aroclor-1242	ug/l	0.09			1	U		1	U	
12672-29-6	Aroclor-1248	ug/l	0.09			1	U		1	U	
11097-69-1	Aroclor-1254	ug/l	0.09			1	U		1	U	
11096-82-5	Aroclor-1260	ug/l	0.09			1	U		1	U	

303947

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted]d sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Groundwater			GWM-OW4-R1 12/18/2001 15 to ft.BGS OW-4			GWM-OW4-R2 3/21/2002 15 to 15 ft.BGS OW-4		
Inorg-w	**Inorganic Analytes**										
7429-90-5	Aluminum	ug/l	N/A			106	B	~	73.4	B	~
7440-36-0	Antimony	ug/l	3			2.5	U		1.5	U	
7440-38-2	Arsenic	ug/l	10			1.8	U		1.7	U	
7440-39-3	Barium	ug/l	1000			105	B	#	104	B	#
7440-41-7	Beryllium	ug/l	3			0.3	U		0.3	U	
7440-43-9	Cadmium	ug/l	5			0.4	U		0.3	U	
7440-70-2	Calcium	ug/l	N/A			78700		~	81100		~
7440-47-3	Chromium	ug/l	50			3.4	B	#	3.1	B	#
7440-48-4	Cobalt	ug/l	N/A			1.4	B	~	6.4	B	~
7440-50-8	Copper	ug/l	200			3.9	B	#	9.1	B	#
7439-89-6	Iron	ug/l	300			21000	J	A	21100	J	A
7439-92-1	Lead	ug/l	15			1.9	U		2.5	B	#
7439-95-4	Magnesium	ug/l	35000			17600		#	18200		#
7439-96-5	Manganese	ug/l	300			2580		A	2110		A
7439-97-6	Mercury	ug/l	0.7			0.1	U		0.1	U	
7440-02-0	Nickel	ug/l	100			1.6	B	#	2.6	B	#
7440-09-7	Potassium	ug/l	N/A			2340	B	~	2300	B	~
7782-49-2	Selenium	ug/l	10			2.2	U		1.9	U	
7440-22-4	Silver	ug/l	50			1.2	B	#	0.8	B	#
7440-23-5	Sodium	ug/l	20000			128000	J	A	127000		A
7440-28-0	Thallium	ug/l	0.5			3.5	UJ		3	U	
7440-62-2	Vanadium	ug/l	N/A			1.1	U		1.7	U	
7440-66-6	Zinc	ug/l	2000			8.5	U		22.2		#
7439-89-6	Iron	ug/l	300			21000	J	A	21100	J	A
7439-96-5	Manganese	ug/l	300			2580		A	2110		A
	Summed	ug/l	300			23580		A	23210	J	A
WetChem-GW	**Wet Chemistry for Groundwater Samples**										
GIS-210-010	Total Dissolved Solids	mg/l	N/A			730		~	790		~
GIS-210-009	Total Suspended Solids	mg/l	N/A			8		~	21		~
14808-79-8	Sulfate (as SO4)	mg/l	250			28.7		#	41.3		#
GIS-110-012	Total Organic Carbon	mg/l	N/A			2.9		~	1	U	
7783-06-4	HYDROGEN SULFIDE	mg/l	N/A			0.05	U		41		~

303948

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Table 2

Stream Surface Water Sample Results

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-01 11/5/2001 SW-01	SWS-02 11/5/2001 SW-02	SWS-03 11/5/2001 SW-03	SWS-03-D 11/5/2001 SW-03	SWS-04 11/5/2001 SW-04
VOA-w	**Volatile Organics**							
75-71-8	*Dichlorodifluoromethane*	ug/l	5	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	ug/l	5	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	ug/l	0.3	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/l	5	10 U	10 U	10 U	10 UJ	10 UJ
75-00-3	*Chloroethane*	ug/l	5	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	ug/l	5	10 UJ	10 UJ	10 UJ	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/l	0.7	10 U	10 U	10 U	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	ug/l	50	30 UJ	83 UJ	160 UJ	230 UJ	45 UJ
75-15-0	Carbon Disulfide	ug/l	60	10 U	10 U	10 U	10 U	10 U
79-20-9	Methyl Acetate	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene Chloride	ug/l	5	10 U	10 U	10 U	10 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/l	5	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
75-34-3	1,1-Dichloroethane	ug/l	5	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/l	5	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	ug/l	50	10 U	10 U	10 U	10 UJ	10 UJ
67-66-3	Chloroform	ug/l	7	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/l	5	10 U	10 U	10 U	10 U	10 U
110-82-7	Cyclohexane	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
56-23-5	*Carbon Tetrachloride*	ug/l	0.4	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	ug/l	1	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/l	0.6	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/l	5	10 U	10 U	10 U	10 U	10 U
108-87-2	*Methylcyclohexane*	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/l	1	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/l	50	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/l	N/A	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

303950

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-01 11/5/2001 SW-01	SWS-02 11/5/2001 SW-02	SWS-03 11/5/2001 SW-03	SWS-03-D 11/5/2001 SW-03	SWS-04 11/5/2001 SW-04
108-88-3	Toluene	ug/l	5	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/l	1	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/l	0.7	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/l	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
124-48-1	Dibromochloromethane	ug/l	50	10 U	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/l	0.0006	10 U	10 U	10 U	10 UJ	10 UJ
108-90-7	Chlorobenzene	ug/l	5	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/l	5	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	ug/l	5	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	ug/l	5	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	ug/l	50	10 U	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	ug/l	5	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.2	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/l	3	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/l	3	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/l	3	10 U	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04	10 U	10 U	10 U	10 UJ	10 UJ
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	10 U	10 U	10 U	10 U	10 U

303951

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- De[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-01 11/5/2001 SW-01	SWS-02 11/5/2001 SW-02	SWS-03 11/5/2001 SW-03	SWS-03-D 11/5/2001 SW-03	SWS-04 11/5/2001 SW-04
SV-1-w	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/l	N/A	11 UJ	0 R	0 R	0 R	10 UJ
108-95-2	Phenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/l	0.03	11 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	11 U	10 UJ	10 UJ	10 UJ	10 U
98-86-2	Acetophenone	ug/l	N/A	11 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	N/A	11 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethene	ug/l	0.6	11 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	ug/l	0.4	11 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/l	50	11 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/l	50	11 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	11 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/l	0.3	11 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/l	10	11 U	10 U	10 U	10 U	10 U
106-47-8	p-Chloroaniline	ug/l	5	11 U	10 U	10 U	10 U	10 U
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.01	11 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	ug/l	N/A	11 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/l	N/A	11 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/l	5	11 UJ	10 U	10 U	10 U	10 UJ
88-06-2	2,4,6-Trichlorophenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/l	1	27 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	ug/l	5	11 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/l	10	11 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/l	5	27 U	25 U	25 U	25 U	25 U
131-11-3	Dimethyl phthalate	ug/l	50	11 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/l	0.07	11 U	10 UJ	10 UJ	10 UJ	10 U
208-96-8	Acenaphthylene	ug/l	N/A	11 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	ug/l	5	27 U	25 UJ	25 UJ	25 UJ	25 U
83-32-9	Acenaphthene	ug/l	20	11 U	10 U	10 U	10 U	10 U

303952

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-01 11/5/2001 SW-01		SWS-02 11/5/2001 SW-02		SWS-03 11/5/2001 SW-03		SWS-03-D 11/5/2001 SW-03			SWS-04 11/5/2001 SW-04	
SV-2-w	**SemiVolatile Organics - Page 2**													
51-28-5	2,4-Dinitrophenol	ug/l	10	0	R	0	R	0	R	0	R		0	R
100-02-7	4-Nitrophenol	ug/l	1	27	U	25	U	25	U	25	U		25	U
132-64-9	Dibenzofuran	ug/l	N/A	11	U	10	U	10	U	10	U		10	U
121-14-2	2,4-Dinitrotoluene	ug/l	5	11	U	10	UJ	10	UJ	10	UJ		10	U
84-66-2	Diethyl phthalate	ug/l	50	11	U	10	U	10	U	10	U		10	U
86-73-7	Fluorene	ug/l	0.54	11	U	10	U	10	U	10	U		10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	N/A	11	U	10	U	10	U	10	U		10	U
100-01-6	P-Nitroaniline	ug/l	5	27	U	25	UJ	25	UJ	25	UJ		25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	27	UJ	25	UJ	25	UJ	25	UJ		25	UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	50	11	U	10	U	10	U	10	U		10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	N/A	11	U	10	U	10	U	10	U		10	U
118-74-1	Hexachlorobenzene	ug/l	0.00003	11	U	10	U	10	U	10	U		10	U
1912-24-9	Atrazine	ug/l	3	11	U	10	U	10	U	10	U		10	U
87-86-5	Pentachlorophenol	ug/l	1	27	U	25	U	25	U	25	U		25	U
85-01-8	Phenanthrene	ug/l	50	11	U	10	U	10	U	10	U		10	U
120-12-7	Anthracene	ug/l	50	11	U	10	U	10	U	10	U		10	U
86-74-8	Carbazole	ug/l	N/A	11	U	10	U	10	U	10	U		10	U
84-74-2	Di-n-butylphthalate	ug/l	50	11	U	10	U	10	U	10	U		10	U
206-44-0	Fluoranthene	ug/l	50	11	U	10	U	10	U	10	U		10	U
129-00-0	Pyrene	ug/l	50	11	U	10	UJ	10	UJ	10	UJ		10	U
85-68-7	Benzyl butyl phthalate	ug/l	50	11	U	10	UJ	10	UJ	10	UJ		10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	11	U	10	UJ	10	UJ	10	UJ		10	U
56-55-3	Benzo(a)anthracene	ug/l	0.002	11	U	10	U	10	U	10	U		10	U
218-01-9	Chrysene	ug/l	0.002	11	U	10	U	10	U	10	U		10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	11	U	10	UJ	10	UJ	2	J	#	10	U
117-84-0	Di-n-octylphthalate	ug/l	50	11	U	10	UJ	10	UJ	10	UJ		10	U
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	11	U	10	U	10	U	10	U		10	U
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	11	U	10	U	10	U	10	U		10	U
50-32-8	Benzo(a)pyrene	ug/l	0.0012	11	U	10	U	10	U	10	U		10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	11	U	10	U	10	U	10	U		10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	N/A	11	UJ	10	U	10	U	10	U		10	UJ
191-24-2	Benzo(g,h,i)perylene	ug/l	N/A	11	UJ	10	U	10	U	10	U		10	UJ

303953

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[illegible]d sample value does not exceed the screening criterion.
~ -- D[illegible] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-01 11/5/2001 SW-01	SWS-02 11/5/2001 SW-02	SWS-03 11/5/2001 SW-03	SWS-03-D 11/5/2001 SW-03	SWS-04 11/5/2001 SW-04
P/PCBs-w	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/l	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/l	0.007	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/l	0.008	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/l	0.008	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/l	0.0002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/l	0.001	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor Epoxide	ug/l	0.0003	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/l	N/A	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/l	0.0000006	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	ug/l	0.000007	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ug/l	0.002	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	ug/l	N/A	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	ug/l	0.00008	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan Sulfate	ug/l	N/A	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	ug/l	0.00001	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	ug/l	35	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin Ketone	ug/l	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin Aldehyde	ug/l	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/l	N/A	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	ug/l	N/A	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxphene	ug/l	0.000006	5 U	5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	ug/l	0.000001	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U

303954

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-01 11/5/2001 SW-01			SWS-02 11/5/2001 SW-02			SWS-03 11/5/2001 SW-03			SWS-03-D 11/5/2001 SW-03			SWS-04 11/5/2001 SW-04		
Inorg-w	**Inorganic Analytes**																	
7429-90-5	Aluminum	ug/l	N/A	42.7	B	~	52.6	BE	~	80.5	BE	~	53.7	BE	~	25	B	~
7440-36-0	Antimony	ug/l	3	3	U		3.6	U		3.6	U		4.1	B	A	3	U	
7440-38-2	Arsenic	ug/l	50	3	U		3.2	U		3.2	U		6.5	B	#	3	U	
7440-39-3	Barium	ug/l	1000	76.5	B	#	139	B	#	102	B	#	102	B	#	94.9	B	#
7440-41-7	Beryllium	ug/l	3	1.3	B	#	0.74	B	#	0.74	B	#	0.72	B	#	1.3	B	#
7440-43-9	Cadmium	ug/l	2.7	1	U		0.4	U		0.4	U		0.4	U		2.3	B	#
7440-70-2	Calcium	ug/l	N/A	73600		~	108000		~	96900		~	97100		~	99100		~
7440-47-3	Chromium	ug/l	50	1	U		0.6	U		0.6	U		0.6	U		1	U	
7440-48-4	Cobalt	ug/l	N/A	2	U		1.5	U		1.5	U		1.5	U		2	U	
7440-50-8	Copper	ug/l	200	2	U		15.2	BE	#	32.9	EJ	#	24.2	BE	#	2	U	
7439-89-6	Iron	ug/l	N/A	0	R		304		~	422	J	~	618	J	~	0	R	
7439-92-1	Lead	ug/l	50	2	U		10.3	*J	#	3.4	*J	#	21.1	*J	#	2	U	
7439-95-4	Magnesium	ug/l	35000	15300		#	16500		#	16500		#	16500		#	16800		#
7439-96-5	Manganese	ug/l	300	349		A	235	*	#	171	*	#	164	*	#	210		#
7439-97-6	Mercury	ug/l	0.7	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7440-02-0	Nickel	ug/l	100	1.5	B	#	3.6	B	#	2.8	B	#	3.1	B	#	1.4	B	#
7440-09-7	Potassium	ug/l	N/A	4880	B	~	6240	EJ	~	4870	BE	~	5040	EJ	~	3760	B	~
7782-49-2	Selenium	ug/l	10	3	U		4.1	UJ		4.1	UJ		4.1	UJ		3	U	
7440-22-4	Silver	ug/l	50	1	U		0.9	U		0.9	U		0.9	U		1	U	
7440-23-5	Sodium	ug/l	N/A	143000	J	~	261000		~	197000		~	204000		~	192000	J	~
7440-28-0	Thallium	ug/l	0.5	4	U		6.9	B	A	5.3	B	A	7.2	B	A	4	U	
7440-62-2	Vanadium	ug/l	N/A	1	U		1.3	B	~	1	U		1	U		1	U	
7440-66-6	Zinc	ug/l	2000	10.4	B	#	24.9	*	#	24.5	*	#	27.4	*	#	10.4	B	#
Extra Hg-W	**Extra Mercury**																	
7439-97-6	Mercury	ug/l	0.7							<0.10	U		<0.10	U				
22967-92-6	Methyl Mercury	ng/l	N/A							0.22		~	0.38		~			

303955

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-01 11/5/2001 SW-01	SWS-02 11/5/2001 SW-02	SWS-03 11/5/2001 SW-03	SWS-03-D 11/5/2001 SW-03	SWS-04 11/5/2001 SW-04
SW-drin	**Aldrin & Diedrin**							
309-00-2	Aldrin	ug/l	0.001	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/l	0.0000006	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW-pcbs	**PCBS**							
12674-11-2	Aroclor-1016	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	ug/l	0.000001	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
SW-SV-phen	**Phenol Compounds**							
95-95-4	2,4,5-Trichlorophenol	ug/l	1	27 U	25 U	25 U	25 U	25 U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/l	0.3	11 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/l	50	11 U	10 U	10 U	10 U	10 U
51-28-5	2,4-Dinitrophenol	ug/l	10	0 R	0 R	0 R	0 R	0 R
95-57-8	2-Chlorophenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	27 UJ	25 UJ	25 UJ	25 UJ	25 UJ
59-50-7	4-Chloro-3-methylphenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/l	1	27 U	25 U	25 U	25 U	25 U
87-86-5	Pentachlorophenol	ug/l	1	27 U	25 U	25 U	25 U	25 U
108-95-2	Phenol	ug/l	1	11 U	10 U	10 U	10 U	10 U
SW-V-extr	**Trichlorobenzene**							
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l						
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	10 U	~10 U	10 U	10 U	10 U

303956

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-01 11/5/2001 SW-01			SWS-02 11/5/2001 SW-02			SWS-03 11/5/2001 SW-03			SWS-03-D 11/5/2001 SW-03			SWS-04 11/5/2001 SW-04		
WetChem	**Wet Chemistry**																			
GIS-210-003	Hardness as CaC03	mg/l	N/A			240		~	310		~	300		~	300		~	300		~
GIS-210-010	Total Dissolved Solids	mg/l	500			650		A	1000		A	850		A	860		A	900		A
GIS-210-009	Total Suspended Solids	mg/l	N/A			7		~	2		~	2		~	2		~	4	U	
14808-79-8	Sulfate (as SO4)	mg/l	250			24.6		#	38.6		#	36.1		#	40.1		#	40.2		#
GIS-110-012	Total Organic Carbon	mg/l	N/A			3.7	J	~	3.8		~	3.3		~	3.1		~	4.1	J	~

303957

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Dr[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-05 10/31/2001 SW-05	SWS-05-D 10/31/2001 SW-05	SWS-06 11/1/2001 SW-06	SWS-07 10/31/2001 SW-07	SWS-08 10/31/2001 SW-08
VOA-w	**Volatile Organics**							
75-71-8	Dichlorodifluoromethane	ug/l	5	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
74-87-3	Chloromethane	ug/l	5	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
75-01-4	Vinyl Chloride	ug/l	0.3	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/l	5	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	ug/l	5	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	ug/l	5	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/l	0.7	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
67-64-1	Acetone	ug/l	50	76 UJ	36 UJ	32 UJ	86 UJ	100 UJ
75-15-0	Carbon Disulfide	ug/l	60	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
79-20-9	Methyl Acetate	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene Chloride	ug/l	5	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
156-60-5	trans-1,2-Dichloroethene	ug/l	5	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	10 U	10 U	10 U	1 J #	10 U
75-34-3	1,1-Dichloroethane	ug/l	5	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/l	5	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	ug/l	50	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	ug/l	7	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/l	5	10 U	10 U	10 U	10 U	10 U
110-82-7	Cyclohexane	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride	ug/l	0.4	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	ug/l	1	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/l	0.6	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/l	5	10 U	10 U	10 U	10 U	10 U
108-87-2	Methylcyclohexane	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/l	1	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/l	50	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/l	N/A	10 U	10 U	10 U	10 U	10 U

303958

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-05 10/31/2001 SW-05	SWS-05-D 10/31/2001 SW-05	SWS-06 11/1/2001 SW-06	SWS-07 10/31/2001 SW-07	SWS-08 10/31/2001 SW-08
108-88-3	Toluene	ug/l	5	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/l	1	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/l	0.7	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/l	50	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/l	50	10 U	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/l	0.0006	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/l	5	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/l	5	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	ug/l	5	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	ug/l	5	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	ug/l	50	10 U	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	ug/l	5	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.2	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/l	3	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/l	3	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/l	3	10 U	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	10 U	10 U	10 U	10 U	10 U

303959

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-05 10/31/2001 SW-05		SWS-05-D 10/31/2001 SW-05		SWS-06 11/1/2001 SW-06		SWS-07 10/31/2001 SW-07		SWS-08 10/31/2001 SW-08	
SV-1-w	**SemiVolatile Organics - Page 1**												
100-52-7	Benzaldehyde	ug/l	N/A	10	UJ	10	U	10	U	10	U	10	U
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	0.03	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	10	U	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	0.6	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	0.4	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	50	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	0.3	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	10	U	10	U	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	5	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.01	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	5	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	5	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	5	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethyl phthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	0.07	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitrooaniline	ug/l	5	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	ug/l	20	10	U	10	U	10	U	10	U	10	U

303960

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-05 10/31/2001 SW-05	SWS-05-D 10/31/2001 SW-05	SWS-06 11/1/2001 SW-06	SWS-07 10/31/2001 SW-07	SWS-08 10/31/2001 SW-08
SV-2-w	**SemiVolatile Organics - Page 2**							
51-28-5	2,4-Dinitrophenol	ug/l	10	0 R	25 UJ	25 UJ	25 UJ	25 UJ
100-02-7	4-Nitrophenol	ug/l	1	25 U	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	ug/l	5	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl phthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/l	0.54	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
100-01-6	P-Nitroaniline	ug/l	5	25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	50	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl phenyl ether	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/l	0.00003	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	ug/l	3	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/l	1	25 U	25 UJ	25 UJ	25 UJ	25 UJ
85-01-8	Phenanthrene	ug/l	50	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/l	50	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/l	50	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/l	50	10 U	10 U	10 U	10 U	10 U
85-68-7	Benzyl butyl phthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/l	0.0012	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenzo(a,h)anthracene	ug/l	N/A	10 UJ	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	ug/l	N/A	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

3003961

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-05 10/31/2001 SW-05	SWS-05-D 10/31/2001 SW-05	SWS-06 11/1/2001 SW-06	SWS-07 10/31/2001 SW-07	SWS-08 10/31/2001 SW-08
P/PCBs-w	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/l	0.002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/l	0.007	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/l	0.008	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/l	0.008	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/l	0.0002	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/l	0.001	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor Epoxide	ug/l	0.0003	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/l	N/A	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/l	0.0000006	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	ug/l	0.000007	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ug/l	0.002	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	ug/l	N/A	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	ug/l	0.00008	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan Sulfate	ug/l	N/A	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	ug/l	0.00001	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	ug/l	35	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin Ketone	ug/l	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin Aldehyde	ug/l	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/l	N/A	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	ug/l	N/A	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxphene	ug/l	0.000006	5 U	5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	ug/l	0.000001	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	ug/l	0.000001	1 U	1 U	1 U	1 U	1 U

303962

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-05 10/31/2001 SW-05			SWS-05-D 10/31/2001 SW-05			SWS-06 11/1/2001 SW-06			SWS-07 10/31/2001 SW-07			SWS-08 10/31/2001 SW-08		
Inorg-w	**Inorganic Analytes**																	
7429-90-5	Aluminum	ug/l	N/A	20.5	B	~	32.7	B	~	34.1	B	~	106	B	~	94.8	B	~
7440-36-0	Antimony	ug/l	3	3	U		3	U		3	U		3	U		3	U	
7440-38-2	Arsenic	ug/l	50	3	U		3	U		3.8	B	#	3.2	B	#	3	U	
7440-39-3	Barium	ug/l	1000	96.8	B	#	94.9	B	#	91.9	B	#	74.3	B	#	73.3	B	#
7440-41-7	Beryllium	ug/l	3	1	U		1	U		1.3	B	#	1.4	B	#	1	U	
7440-43-9	Cadmium	ug/l	2.7	1	U		1	U		1	U		1	U		1	U	
7440-70-2	Calcium	ug/l	N/A	106000		~	102000		~	99200		~	86500		~	88900		~
7440-47-3	Chromium	ug/l	50	1	U		1	U		1	U		1.3	B	#	1	U	
7440-48-4	Cobalt	ug/l	N/A	2	U		2	U		2	U		2.1	B	~	2	U	
7440-50-8	Copper	ug/l	200	2	U		2	U		2	U		2	U		2	U	
7439-89-6	Iron	ug/l	N/A	305		~	330		~	342		~	365		~	394		~
7439-92-1	Lead	ug/l	50	2	U		2	U		2	U		2	U		2	U	
7439-95-4	Magnesium	ug/l	35000	16700		#	16300		#	16200		#	16500		#	17200		#
7439-96-5	Manganese	ug/l	300	227		#	221		#	208		#	170		#	157		#
7439-97-6	Mercury	ug/l	0.7	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7440-02-0	Nickel	ug/l	100	1	B	#	15.1	B	#	1.6	B	#	1.4	B	#	1.1	B	#
7440-09-7	Potassium	ug/l	N/A	4000	B	~	4010	B	~	3670	B	~	3740	B	~	4210	B	~
7782-49-2	Selenium	ug/l	10	3	U		3	U		3	U		3	U		3	U	
7440-22-4	Silver	ug/l	50	1	U		1	U		1	U		1	U		1	U	
7440-23-5	Sodium	ug/l	N/A	205000	J	~	205000	J	~	198000	J	~	155000	J	~	149000	J	~
7440-28-0	Thallium	ug/l	0.5	4	U		4	U		4	U		4	U		4	U	
7440-62-2	Vanadium	ug/l	N/A	1	U		1	U		1	U		1	U		1	U	
7440-66-6	Zinc	ug/l	2000	5.3	B	#	13.9	B	#	5.6	B	#	3.7	B	#	4.2	B	#
Extra Hg-W	**Extra Mercury**																	
7439-97-6	Mercury	ug/l	0.7							<0.10	U							
22967-92-6	Methyl Mercury	ng/l	N/A							0.2		~						

303963

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- De[redacted]sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-05 10/31/2001 SW-05		SWS-05-D 10/31/2001 SW-05		SWS-06 11/1/2001 SW-06		SWS-07 10/31/2001 SW-07		SWS-08 10/31/2001 SW-08	
SW-drin	**Aldrin & Diedrin**												
309-00-2	Aldrin	ug/l	0.001	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.0000006	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-pcbs	**PCBS**												
12674-11-2	Aroclor-1016	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	0.000001	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
SW-SV-phen	**Phenol Compounds**												
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	0.3	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	U	10	U	10	U	10	U
51-28-5	2,4-Dinitrophenol	ug/l	10	0	R	25	UJ	25	UJ	25	UJ	25	UJ
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
100-02-7	4-Nitrophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
87-86-5	Pentachlorophenol	ug/l	1	25	U	25	UJ	25	UJ	25	UJ	25	UJ
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
SW-V-extr	**Trichlorobenzene**												
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l											
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	10	U	10	U	10	U	10	U	10	U

303964

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-05 10/31/2001 SW-05			SWS-05-D 10/31/2001 SW-05			SWS-06 11/1/2001 SW-06			SWS-07 10/31/2001 SW-07			SWS-08 10/31/2001 SW-08		
WetChem	**Wet Chemistry**																	
GIS-210-003	Hardness as CaC03	mg/l	N/A	300		~	300		~	300		~	270		~	270		~
GIS-210-010	Total Dissolved Solids	mg/l	500	1000		A	980		A	910		A	760		A	720		A
GIS-210-009	Total Suspended Solids	mg/l	N/A	4	U		4	U		1		~	4	U		4	U	
14808-79-8	Sulfate (as SO4)	mg/l	250	40.8		#	41.1		#	45.9		#	35.5		#	31.8		#
GIS-110-012	Total Organic Carbon	mg/l	N/A	4	J	~	3.6	J	~	3.5		~	5.2	J	~	3.1	J	~

303965

COMPARISON FLAGS:
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~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-09 10/30/2001 SW-09			SWS-10 11/7/2001 SW-10			SWS-11 11/7/2001 SW-11			SWS-12 10/30/2001 SW-12			SWS-13 10/30/2001 SW-13		
VOA-w	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/l	5			10	UJ		10	U		20	U		10	UJ		10	UJ	
74-87-3	Chloromethane	ug/l	5			10	UJ		10	U		20	U		10	UJ		10	UJ	
75-01-4	Vinyl Chloride	ug/l	0.3			10	U		10	U		20	U		10	U		10	U	
74-83-9	Bromomethane	ug/l	5			10	U		10	UJ		20	U		10	U		10	U	
75-00-3	Chloroethane	ug/l	5			10	U		10	U		20	U		10	U		10	U	
75-69-4	Trichlorofluoromethane	ug/l	5			10	U		10	U		20	U		10	U		10	U	
75-35-4	1,1-Dichloroethene	ug/l	0.7			10	UJ		10	U		20	U		10	UJ		10	UJ	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5			10	UJ		10	U		20	U		10	UJ		10	UJ	
67-64-1	Acetone	ug/l	50			39	UJ		270	UJ		130	UJ		96	UJ		18	UJ	
75-15-0	Carbon Disulfide	ug/l	60			10	UJ		10	U		20	U		10	UJ		10	UJ	
79-20-9	Methyl Acetate	ug/l	N/A			10	U		10	U		20	U		10	U		10	U	
75-09-2	Methylene Chloride	ug/l	5			10	UJ		10	U		20	U		10	UJ		10	UJ	
156-60-5	trans-1,2-Dichloroethene	ug/l	5			10	U		10	U		20	U		10	U		10	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10			1	J	#	10	UJ		20	UJ		1	J	#	1	J	#
75-34-3	1,1-Dichloroethane	ug/l	5			10	U		10	U		20	U		10	U		10	U	
156-59-2	cis-1,2-Dichloroethene	ug/l	5			10	U		10	U		20	U		10	U		10	U	
78-93-3	2-Butanone	ug/l	50			10	U		10	UJ		20	UJ		10	U		10	U	
67-66-3	Chloroform	ug/l	7			10	U		10	U		20	U		10	U		10	U	
71-55-6	1,1,1-Trichloroethane	ug/l	5			10	U		10	U		20	U		10	U		10	U	
110-82-7	Cyclohexane	ug/l	N/A			10	U		10	U		20	UJ		10	U		10	U	
56-23-5	Carbon Tetrachloride	ug/l	0.4			10	U		10	U		20	U		10	U		10	U	
71-43-2	Benzene	ug/l	1			10	U		10	U		20	U		10	U		10	U	
107-06-2	1,2-Dichloroethane	ug/l	0.6			10	U		10	U		20	U		10	U		10	U	
79-01-6	Trichloroethene	ug/l	5			10	U		10	U		20	U		10	U		10	U	
108-87-2	Methylcyclohexane	ug/l	N/A			10	U		10	U		20	U		10	U		10	U	
78-87-5	1,2-Dichloropropane	ug/l	1			10	U		10	U		20	U		10	U		10	U	
75-27-4	Bromodichloromethane	ug/l	50			10	U		10	U		20	U		10	U		10	U	
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4			10	U		10	U		20	U		10	U		10	U	
108-10-1	4-Methyl-2-pentanone	ug/l	N/A			10	U		10	UJ		20	UJ		10	U		10	U	

303966

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-09 10/30/2001 SW-09	SWS-10 11/7/2001 SW-10	SWS-11 11/7/2001 SW-11	SWS-12 10/30/2001 SW-12	SWS-13 10/30/2001 SW-13
108-88-3	Toluene	ug/l	5	10 U	10 U	20 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4	10 U	10 U	20 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/l	1	10 U	10 U	20 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/l	0.7	10 U	10 U	20 U	10 U	10 U
591-78-6	2-Hexanone	ug/l	50	10 U	10 UJ	20 UJ	10 U	10 U
124-48-1	Dibromochloromethane	ug/l	50	10 U	10 U	20 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/l	0.0006	10 U	10 UJ	20 U	10 U	10 U
108-90-7	Chlorobenzene	ug/l	5	10 U	10 U	20 U	10 U	10 U
100-41-4	Ethylbenzene	ug/l	5	10 U	10 U	20 U	10 U	10 U
1330-20-7	Xylenes (total)	ug/l	5	10 U	10 U	20 U	10 U	10 U
100-42-5	Styrene	ug/l	5	10 U	10 U	20 U	10 U	10 U
75-25-2	Bromoform	ug/l	50	10 U	10 U	20 U	10 U	10 U
98-82-8	Isopropylbenzene	ug/l	5	10 U	10 U	20 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.2	10 U	10 U	20 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/l	3	10 U	10 U	20 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/l	3	10 U	10 U	20 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/l	3	10 U	10 U	20 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04	10 U	10 UJ	20 UJ	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	10 U	10 U	20 U	10 U	10 U

3039967

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-09 10/30/2001 SW-09	SWS-10 11/7/2001 SW-10	SWS-11 11/7/2001 SW-11	SWS-12 10/30/2001 SW-12	SWS-13 10/30/2001 SW-13
SV-1-w	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/l	N/A	10 U	0 R	0 R	10 U	10 U
108-95-2	Phenol	ug/l	1	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/l	0.03	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/l	1	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/l	1	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/l	1	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethene	ug/l	0.6	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	ug/l	0.4	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/l	50	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/l	1	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/l	50	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/l	0.3	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/l	10	10 U	10 U	10 U	10 U	10 U
106-47-8	p-Chloroaniline	ug/l	5	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.01	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/l	5	10 UJ	10 U	10 U	10 UJ	10 UJ
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	ug/l	5	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/l	10	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/l	5	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethyl phthalate	ug/l	50	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/l	0.07	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/l	N/A	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitrooaniline	ug/l	5	25 U	25 UJ	25 UJ	25 U	25 U
83-32-9	Acenaphthene	ug/l	20	10 U	10 U	10 U	10 U	10 U

303968

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-09 10/30/2001 SW-09		SWS-10 11/7/2001 SW-10		SWS-11 11/7/2001 SW-11		SWS-12 10/30/2001 SW-12		SWS-13 10/30/2001 SW-13	
SV-2-w	**SemiVolatile Organics - Page 2**												
51-28-5	2,4-Dinitrophenol	ug/l	10	25	UJ	0	R	0	R	25	UJ	25	UJ
100-02-7	4-Nitrophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	ug/l	5	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethyl phthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	ug/l	0.54	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
100-01-6	P-Nitroaniline	ug/l	5	25	U	25	UJ	25	UJ	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	UJ	25	U	25	U	25	UJ	25	UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	50	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl phenyl ether	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	ug/l	0.00003	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	ug/l	3	10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	ug/l	1	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
85-01-8	Phenanthrene	ug/l	50	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	ug/l	50	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	ug/l	N/A	10	U	10	UJ	10	UJ	10	U	10	U
84-74-2	Di-n-butylphthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	ug/l	50	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	ug/l	50	10	U	10	U	10	U	10	U	10	U
85-68-7	Benzyl butyl phthalate	ug/l	50	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	10	U	10	UJ	10	UJ	10	U	10	U
56-55-3	Benzo(a)anthracene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	ug/l	50	10	U	10	UJ	10	UJ	10	U	10	U
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	ug/l	0.0012	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenzo(a,h)anthracene	ug/l	N/A	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	ug/l	N/A	10	UJ	10	U	10	U	10	UJ	10	UJ

303969

COMPARISON FLAGS:
A – Detected sample value is greater that the screening criterion.
– De[redacted] sample value does not exceed the screening criterion.
~ – D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-09 10/30/2001 SW-09		SWS-10 11/7/2001 SW-10		SWS-11 11/7/2001 SW-11		SWS-12 10/30/2001 SW-12		SWS-13 10/30/2001 SW-13	
P/PCBs-w	**Pesticides/PCB Organics**												
319-84-6	alpha-BHC	ug/l	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.007	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.008	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.008	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.0002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.001	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.0003	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	N/A	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.0000006	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.000007	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	N/A	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.00008	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	N/A	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.00001	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	35	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	N/A	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	N/A	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	0.000006	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	0.000001	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U

303970

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-09 10/30/2001 SW-09			SWS-10 11/7/2001 SW-10			SWS-11 11/7/2001 SW-11			SWS-12 10/30/2001 SW-12			SWS-13 10/30/2001 SW-13		
Inorg-w	**Inorganic Analytes**																	
7429-90-5	Aluminum	ug/l	N/A	103	B	~	142	BE	~	145	BE	~	99.1	B	~	75.1	B	~
7440-36-0	Antimony	ug/l	3	3	U		3.6	U		3.6	U		3	U		3	U	
7440-38-2	Arsenic	ug/l	50	3	U		5.5	B	#	4	B	#	3	U		3	U	
7440-39-3	Barium	ug/l	1000	73.2	B	#	86.6	B	#	83.1	B	#	77.8	B	#	77.3	B	#
7440-41-7	Beryllium	ug/l	3	1	U		0.84	B	#	0.96	B	#	1	U		1	U	
7440-43-9	Cadmium	ug/l	2.7	1	U		0.4	U		0.4	U		1	U		1	U	
7440-70-2	Calcium	ug/l	N/A	84700		~	88100		~	86900		~	90600		~	92500		~
7440-47-3	Chromium	ug/l	50	1	U		0.6	U		0.6	U		1	U		1.3	B	#
7440-48-4	Cobalt	ug/l	N/A	2	U		1.5	U		1.5	U		2	U		2.3	B	~
7440-50-8	Copper	ug/l	200	6.7	B	#	48.8	EJ	#	55.9	EJ	#	2.7	B	#	2	B	#
7439-89-6	Iron	ug/l	N/A	450		~	0	R		0	R		2160		~	602		~
7439-92-1	Lead	ug/l	50	2.4	B	#	5.9	*J	#	3.7	*J	#	2	U		2	U	
7439-95-4	Magnesium	ug/l	35000	16600		#	16400		#	16200		#	16700		#	16800		#
7439-96-5	Manganese	ug/l	300	172		#	212	*	#	188	*	#	208		#	204		#
7439-97-6	Mercury	ug/l	0.7	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7440-02-0	Nickel	ug/l	100	1.6	B	#	2.8	B	#	3.8	B	#	1.5	B	#	1.8	B	#
7440-09-7	Potassium	ug/l	N/A	4550	B	~	5400	EJ	~	5570	EJ	~	4230	B	~	4070	B	~
7782-49-2	Selenium	ug/l	10	3	U		4.1	UJ		4.1	U		3	U		3	U	
7440-22-4	Silver	ug/l	50	1	U		0.9	U		0.9	U		1	U		1	U	
7440-23-5	Sodium	ug/l	N/A	141000	J	~	159000		~	159000		~	163000	J	~	156000	J	~
7440-28-0	Thallium	ug/l	0.5	4	U		4.9	U		4.9	U		4	U		4	U	
7440-62-2	Vanadium	ug/l	N/A	1	U		1.3	B	~	1.4	B	~	1	U		1	U	
7440-66-6	Zinc	ug/l	2000	8.5	B	#	0	R		0	R		6.6	B	#	5.6	B	#
Extra Hg-W	**Extra Mercury**																	
7439-97-6	Mercury	ug/l	0.7							0.1		#						
22967-92-6	Methyl Mercury	ng/l	N/A							0.86		~						

303971

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[illegible]d sample value does not exceed the screening criterion.
~ -- D[illegible]sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-09 10/30/2001 SW-09		SWS-10 11/7/2001 SW-10		SWS-11 11/7/2001 SW-11		SWS-12 10/30/2001 SW-12		SWS-13 10/30/2001 SW-13	
SW-drin	**Aldrin & Dieldrin**												
309-00-2	Aldrin	ug/l	0.001	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	0.0000006	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-pcbs	**PCBS**												
12674-11-2	Aroclor-1016	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	0.000001	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	0.000001	1	U	1	U	1	U	1	U	1	U
SW-SV-phen	**Phenol Compounds**												
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	0.3	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	U	10	U	10	U	10	U
51-28-5	2,4-Dinitrophenol	ug/l	10	25	UJ	0	R	0	R	25	UJ	25	UJ
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	UJ	25	U	25	U	25	UJ	25	UJ
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
100-02-7	4-Nitrophenol	ug/l	1	25	U	25	U	25	U	25	U	25	U
87-86-5	Pentachlorophenol	ug/l	1	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U	10	U	10	U
SW-V-extr	**Trichlorobenzene**												
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l											
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	10	U	10	U	20	U	10	U	10	U

303972

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-09 10/30/2001 SW-09			SWS-10 11/7/2001 SW-10			SWS-11 11/7/2001 SW-11			SWS-12 10/30/2001 SW-12			SWS-13 10/30/2001 SW-13		
WetChem	**Wet Chemistry**																			
GIS-210-003	Hardness as CaC03	mg/l	N/A			260		~	280		~	270		~	270		~	280		~
GIS-210-010	Total Dissolved Solids	mg/l	500			680		A	710		A	710		A	730		A	1500		A
GIS-210-009	Total Suspended Solids	mg/l	N/A			4	U		11		~	4		~	6		~	4		~
14808-79-8	Sulfate (as SO4)	mg/l	250			29.3		#	29.4		#	29.4		#	32.5		#	31.3		#
GIS-110-012	Total Organic Carbon	mg/l	N/A			5.3	J	~	4.2		~	4		~	4.6	J	~	4.4	J	~

303973

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- De[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-14 10/30/2001 SW-14		
VOA-w	**Volatile Organics**							
75-71-8	Dichlorodifluoromethane	ug/l	5			10	UJ	
74-87-3	Chloromethane	ug/l	5			10	UJ	
75-01-4	Vinyl Chloride	ug/l	0.3			10	U	
74-83-9	Bromomethane	ug/l	5			10	U	
75-00-3	Chloroethane	ug/l	5			10	U	
75-69-4	Trichlorofluoromethane	ug/l	5			10	U	
75-35-4	1,1-Dichloroethene	ug/l	0.7			10	UJ	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5			10	UJ	
67-64-1	Acetone	ug/l	50			43	UJ	
75-15-0	Carbon Disulfide	ug/l	60			10	UJ	
79-20-9	Methyl Acetate	ug/l	N/A			10	U	
75-09-2	Methylene Chloride	ug/l	5			10	UJ	
156-60-5	trans-1,2-Dichloroethene	ug/l	5			10	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10			10	U	
75-34-3	1,1-Dichloroethane	ug/l	5			10	U	
156-59-2	cis-1,2-Dichloroethene	ug/l	5			10	U	
78-93-3	2-Butanone	ug/l	50			10	U	
67-66-3	Chloroform	ug/l	7			10	U	
71-55-6	1,1,1-Trichloroethane	ug/l	5			10	U	
110-82-7	Cyclohexane	ug/l	N/A			10	U	
56-23-5	Carbon Tetrachloride	ug/l	0.4			10	U	
71-43-2	Benzene	ug/l	1			10	U	
107-06-2	1,2-Dichloroethane	ug/l	0.6			10	U	
79-01-6	Trichloroethene	ug/l	5			10	U	
108-87-2	Methylcyclohexane	ug/l	N/A			10	U	
78-87-5	1,2-Dichloropropane	ug/l	1			10	U	
75-27-4	Bromodichloromethane	ug/l	50			10	U	
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4			10	U	
108-10-1	4-Methyl-2-pentanone	ug/l	N/A			10	U	

303974

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
 # -- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-14 10/30/2001 SW-14		
108-88-3	Toluene	ug/l	5			10	U	
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4			10	U	
79-00-5	1,1,2-Trichloroethane	ug/l	1			10	U	
127-18-4	Tetrachloroethene	ug/l	0.7			10	U	
591-78-6	2-Hexanone	ug/l	50			10	U	
124-48-1	Dibromochloromethane	ug/l	50			10	U	
106-93-4	1,2-Dibromoethane	ug/l	0.0006			10	U	
108-90-7	Chlorobenzene	ug/l	5			10	U	
100-41-4	Ethylbenzene	ug/l	5			10	U	
1330-20-7	Xylenes (total)	ug/l	5			10	U	
100-42-5	Styrene	ug/l	5			10	U	
75-25-2	Bromoform	ug/l	50			10	U	
98-82-8	Isopropylbenzene	ug/l	5			10	U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.2			10	U	
541-73-1	1,3-Dichlorobenzene	ug/l	3			10	U	
106-46-7	1,4-Dichlorobenzene	ug/l	3			10	U	
95-50-1	1,2-Dichlorobenzene	ug/l	3			10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04			10	U	
120-82-1	1,2,4-Trichlorobenzene	ug/l	5			10	U	

303975

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- De[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWS-14 10/30/2001 SW-14		
SV-1-w	**SemiVolatile Organics - Page 1**					
100-52-7	Benzaldehyde	ug/l	N/A	10	U	
108-95-2	Phenol	ug/l	1	10	U	
111-44-4	bis(2-Chloroethyl)ether	ug/l	0.03	10	U	
95-57-8	2-Chlorophenol	ug/l	1	10	U	
95-48-7	2-Methylphenol	ug/l	1	10	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	10	U	
98-86-2	Acetophenone	ug/l	N/A	10	U	
106-44-5	4-Methylphenol	ug/l	1	10	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/l	N/A	10	U	
67-72-1	Hexachloroethene	ug/l	0.6	10	U	
98-95-3	Nitrobenzene	ug/l	0.4	10	U	
78-59-1	Isophorone	ug/l	50	10	U	
88-75-5	2-Nitrophenol	ug/l	1	10	U	
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	10	U	
120-83-2	2,4-Dichlorophenol	ug/l	0.3	10	U	
91-20-3	Naphthalene	ug/l	10	10	U	
106-47-8	p-Chloroaniline	ug/l	5	10	U	
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.01	10	U	
105-60-2	Caprolactam	ug/l	N/A	10	U	
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	
91-57-6	2-Methylnaphthalene	ug/l	N/A	10	U	
77-47-4	Hexachlorocyclopentadiene	ug/l	5	10	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	
92-52-4	1,1'-Biphenyl	ug/l	5	10	U	
91-58-7	2-Chloronaphthalene	ug/l	10	10	U	
88-74-4	2-Nitroaniline	ug/l	5	25	U	
131-11-3	Dimethyl phthalate	ug/l	50	10	U	
606-20-2	2,6-Dinitrotoluene	ug/l	0.07	10	U	
208-96-8	Acenaphthylene	ug/l	N/A	10	U	
99-09-2	3-Nitroaniline	ug/l	5	25	U	
83-32-9	Acenaphthene	ug/l	20	10	U	

303976

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-14 10/30/2001 SW-14		
SV-2-w	**SemiVolatile Organics - Page 2**							
51-28-5	2,4-Dinitrophenol	ug/l	10			25	UJ	
100-02-7	4-Nitrophenol	ug/l	1			25	U	
132-64-9	Dibenzofuran	ug/l	N/A			10	U	
121-14-2	2,4-Dinitrotoluene	ug/l	5			10	U	
84-66-2	Diethyl phthalate	ug/l	50			10	U	
86-73-7	Fluorene	ug/l	0.54			10	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	N/A			10	U	
100-01-6	P-Nitroanlline	ug/l	5			25	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1			25	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/l	50			10	U	
101-55-3	4-Bromophenyl phenyl ether	ug/l	N/A			10	U	
118-74-1	Hexachlorobenzene	ug/l	0.00003			10	U	
1912-24-9	Atrazine	ug/l	3			10	U	
87-86-5	Pentachlorophenol	ug/l	1			25	UJ	
85-01-8	Phenanthrene	ug/l	50			10	U	
120-12-7	Anthracene	ug/l	50			10	U	
86-74-8	Carbazole	ug/l	N/A			10	U	
84-74-2	Di-n-butylphthalate	ug/l	50			10	U	
206-44-0	Fluoranthene	ug/l	50			10	U	
129-00-0	Pyrene	ug/l	50			10	U	
85-68-7	Benzyl butyl phthalate	ug/l	50			10	U	
91-94-1	3,3'-Dichlorobenzidine	ug/l	5			10	U	
56-55-3	Benzo(a)anthracene	ug/l	0.002			10	U	
218-01-9	Chrysene	ug/l	0.002			10	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5			10	U	
117-84-0	Di-n-octylphthalate	ug/l	50			10	U	
205-99-2	Benzo(b)fluoranthene	ug/l	0.002			10	U	
207-08-9	Benzo(k)fluoranthene	ug/l	0.002			10	U	
50-32-8	Benzo(a)pyrene	ug/l	0.0012			10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002			10	U	
53-70-3	Dibenzo(a,h)anthracene	ug/l	N/A			10	U	
191-24-2	Benzo(g,h,i)perylene	ug/l	N/A			10	UJ	

303977

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- D[redacted] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-14 10/30/2001 SW-14		
P/PCBs-w	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/l	0.002			0.05	U	
319-85-7	beta-BHC	ug/l	0.007			0.05	U	
319-86-8	delta-BHC	ug/l	0.008			0.05	U	
58-89-9	gamma-BHC (Lindane)	ug/l	0.008			0.05	U	
76-44-8	Heptachlor	ug/l	0.0002			0.05	U	
309-00-2	Aldrin	ug/l	0.001			0.05	U	
1024-57-3	Heptachlor Epoxide	ug/l	0.0003			0.05	U	
959-98-8	Endosulfan I	ug/l	N/A			0.05	U	
60-57-1	Dieldrin	ug/l	0.0000006			0.1	U	
72-55-9	4,4'-DDE	ug/l	0.000007			0.1	U	
72-20-8	Endrin	ug/l	0.002			0.1	U	
33213-65-9	Endosulfan II	ug/l	N/A			0.1	U	
72-54-8	4,4'-DDD	ug/l	0.00008			0.1	U	
1031-07-8	Endosulfan Sulfate	ug/l	N/A			0.1	U	
50-29-3	4,4'-DDT	ug/l	0.00001			0.1	U	
72-43-5	Methoxychlor	ug/l	35			0.5	U	
53494-70-5	Endrin Ketone	ug/l	5			0.1	U	
7421-93-4	Endrin Aldehyde	ug/l	5			0.1	U	
5103-71-9	alpha-Chlordane	ug/l	N/A			0.05	U	
5103-74-2	gamma-Chlordane	ug/l	N/A			0.05	U	
8001-35-2	Toxphene	ug/l	0.000006			5	U	
12674-11-2	Aroclor-1016	ug/l	0.000001			1	U	
11104-28-2	Aroclor-1221	ug/l	0.000001			2	U	
11141-16-5	Aroclor-1232	ug/l	0.000001			1	U	
53469-21-9	Aroclor-1242	ug/l	0.000001			1	U	
12672-29-6	Aroclor-1248	ug/l	0.000001			1	U	
11097-69-1	Aroclor-1254	ug/l	0.000001			1	U	
11096-82-5	Aroclor-1260	ug/l	0.000001			1	U	

303978

COMPARISON FLAGS:
A – Detected sample value is greater that the screening criterion.
– Detected sample value does not exceed the screening criterion.
~ – Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-14 10/30/2001 SW-14		
Inorg-w	**Inorganic Analytes**							
7429-90-5	Aluminum	ug/l	N/A			117	B	~
7440-36-0	Antimony	ug/l	3			3	U	
7440-38-2	Arsenic	ug/l	50			3	U	
7440-39-3	Barium	ug/l	1000			79.4	B	#
7440-41-7	Beryllium	ug/l	3			1	U	
7440-43-9	Cadmium	ug/l	2.7			1	U	
7440-70-2	Calcium	ug/l	N/A			91000		~
7440-47-3	Chromium	ug/l	50			1	U	
7440-48-4	Cobalt	ug/l	N/A			2	U	
7440-50-8	Copper	ug/l	200			2	U	
7439-89-6	Iron	ug/l	N/A			533		~
7439-92-1	Lead	ug/l	50			2	U	
7439-95-4	Magnesium	ug/l	35000			16700		#
7439-96-5	Manganese	ug/l	300			188		#
7439-97-6	Mercury	ug/l	0.7			0.1	U	
7440-02-0	Nickel	ug/l	100			1	U	
7440-09-7	Potassium	ug/l	N/A			4370	B	~
7782-49-2	Selenium	ug/l	10			3	U	
7440-22-4	Silver	ug/l	50			1	U	
7440-23-5	Sodium	ug/l	N/A			162000	J	~
7440-28-0	Thallium	ug/l	0.5			4	U	
7440-62-2	Vanadium	ug/l	N/A			1	U	
7440-66-6	Zinc	ug/l	2000			26		#
Extra Hg-W	**Extra Mercury**							
7439-97-6	Mercury	ug/l	0.7					
22967-92-6	Methyl Mercury	ng/l	N/A					

303979

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- De[illegible]d sample value does not exceed the screening criterion.
~ -- D[illegible] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-14 10/30/2001 SW-14		
SW-drin	**Aldrin & Diedrin**							
309-00-2	Aldrin	ug/l	0.001			0.05	U	
60-57-1	Dieldrin	ug/l	0.0000006			0.1	U	
SW-pcbs	**PCBS**							
12674-11-2	Aroclor-1016	ug/l	0.000001			1	U	
11104-28-2	Aroclor-1221	ug/l	0.000001			2	U	
11141-16-5	Aroclor-1232	ug/l	0.000001			1	U	
53469-21-9	Aroclor-1242	ug/l	0.000001			1	U	
12672-29-6	Aroclor-1248	ug/l	0.000001			1	U	
11097-69-1	Aroclor-1254	ug/l	0.000001			1	U	
11096-82-5	Aroclor-1260	ug/l	0.000001			1	U	
SW-SV-phen	**Phenol Compounds**							
95-95-4	2,4,5-Trichlorophenol	ug/l	1			25	U	
88-06-2	2,4,6-Trichlorophenol	ug/l	1			10	U	
120-83-2	2,4-Dichlorophenol	ug/l	0.3			10	U	
105-67-9	2,4-Dimethylphenol	ug/l	50			10	U	
51-28-5	2,4-Dinitrophenol	ug/l	10			25	UJ	
95-57-8	2-Chlorophenol	ug/l	1			10	U	
95-48-7	2-Methylphenol	ug/l	1			10	U	
88-75-5	2-Nitrophenol	ug/l	1			10	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1			25	UJ	
59-50-7	4-Chloro-3-methylphenol	ug/l	1			10	U	
106-44-5	4-Methylphenol	ug/l	1			10	U	
100-02-7	4-Nitrophenol	ug/l	1			25	U	
87-86-5	Pentachlorophenol	ug/l	1			25	UJ	
108-95-2	Phenol	ug/l	1			10	U	
SW-V-extr	**Trichlorobenzene**							
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l						
120-82-1	1,2,4-Trichlorobenzene	ug/l	5			10	U	

303980

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWS-14 10/30/2001 SW-14		
WetChem	**Wet Chemistry**							
GIS-210-003	Hardness as CaC03	mg/l	N/A			280		~
GIS-210-010	Total Dissolved Solids	mg/l	500			750		A
GIS-210-009	Total Suspended Solids	mg/l	N/A			4	U	
14808-79-8	Sulfate (as SO4)	mg/l	250			32.9		#
GIS-110-012	Total Organic Carbon	mg/l	N/A			4.5	J	~

303981

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Table 3

Stream Sediment Sample Results

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01			SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02			SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
74-87-3	Chloromethane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
75-01-4	Vinyl Chloride	ug/kg	0.98			12	U		11	UJ		11	UJ		11	UJ		10	U	
74-83-9	Bromomethane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
75-00-3	Chloroethane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
75-69-4	Trichlorofluoromethane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
75-35-4	1,1-Dichloroethene	ug/kg	0.28			12	UJ		11	UJ		11	UJ		11	UJ		10	UJ	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	N/A			12	UJ		11	UJ		11	UJ		11	UJ		10	UJ	
67-64-1	Acetone	ug/kg	N/A			110		~	24	UJ		11	UJ		11	UJ		650	J	~
75-15-0	Carbon Disulfide	ug/kg	N/A			31	J	~	11	UJ		11	UJ		11	UJ		18	J	~
79-20-9	Methyl Acetate	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
75-09-2	Methylene Chloride	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
75-34-3	1,1-Dichloroethane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
78-93-3	2-Butanone	ug/kg	N/A			9	J	~	3	J	~	3	J	~	11	UJ		4	J	~
67-66-3	Chloroform	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
110-82-7	Cyclohexane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
56-23-5	Carbon Tetrachloride	ug/kg	8.4			12	U		11	UJ		11	UJ		11	UJ		10	U	
71-43-2	Benzene	ug/kg	8.4			12	U		11	UJ		11	UJ		11	UJ		10	U	
107-06-2	1,2-Dichloroethane	ug/kg	9.8			12	U		11	UJ		11	UJ		11	UJ		10	U	
79-01-6	Trichloroethene	ug/kg	28			12	U		11	UJ		11	UJ		11	UJ		10	U	
108-87-2	Methylcyclohexane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
78-87-5	1,2-Dichloropropane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
75-27-4	Bromodichloromethane	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	N/A			12	U		11	UJ		11	UJ		11	UJ		10	U	

303983

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01	SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02	SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03	SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03	SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04
108-88-3	Toluene	ug/kg	686	12 U	11 UJ	11 UJ	11 UJ	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	N/A	12 U	11 UJ	11 UJ	11 UJ	10 U
79-00-5	1,1,2-Trichloroethane	ug/kg	8.4	12 U	11 UJ	11 UJ	11 UJ	10 U
127-18-4	Tetrachloroethene	ug/kg	11.2	12 U	11 UJ	11 UJ	11 UJ	10 U
591-78-6	2-Hexanone	ug/kg	N/A	12 U	11 UJ	11 UJ	11 UJ	10 U
124-48-1	Dibromochloromethane	ug/kg	N/A	12 U	11 UJ	11 UJ	11 UJ	10 U
106-93-4	1,2-Dibromoethane	ug/kg	N/A	12 U	11 UJ	11 UJ	11 UJ	10 U
108-90-7	Chlorobenzene	ug/kg	49	12 U	11 UJ	11 UJ	11 UJ	10 U
100-41-4	Ethylbenzene	ug/kg	336	12 U	11 UJ	11 UJ	11 UJ	10 U
1330-20-7	Xylenes (total)	ug/kg	1288	12 U	11 UJ	11 UJ	11 UJ	10 U
100-42-5	Styrene	ug/kg	N/A	12 U	11 UJ	11 UJ	11 UJ	10 U
75-25-2	Bromoform	ug/kg	N/A	12 U	11 UJ	11 UJ	11 UJ	10 U
98-82-8	Isopropylbenzene	ug/kg	168	12 U	11 UJ	11 UJ	11 UJ	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	4.2	12 U	11 UJ	11 UJ	11 UJ	10 U
541-73-1	1,3-Dichlorobenzene	ug/kg	168	12 U	11 UJ	11 UJ	11 UJ	10 U
106-46-7	1,4-Dichlorobenzene	ug/kg	168	12 U	11 UJ	11 UJ	11 UJ	10 U
95-50-1	1,2-Dichlorobenzene	ug/kg	168	12 U	11 UJ	11 UJ	11 UJ	10 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	N/A	12 U	11 UJ	11 UJ	11 UJ	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	1274	12 U	11 UJ	11 UJ	11 UJ	10 U

303984

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01	SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02	SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03	SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03	SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	N/A	12 J ~	0 R	0 R	0 R	6 J ~
108-95-2	Phenol	ug/kg	8.4	430 U	410 U	400 U	400 UJ	380 U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	0.42	430 U	410 U	400 U	400 UJ	380 U
95-57-8	2-Chlorophenol	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
95-48-7	2-Methylphenol	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A	430 U	410 UJ	400 UJ	400 UJ	380 U
98-86-2	Acetophenone	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
106-44-5	4-Methylphenol	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
67-72-1	Hexachloroethene	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
98-95-3	Nitrobenzene	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
78-59-1	Isophorone	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
88-75-5	2-Nitrophenol	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
105-67-9	2,4-Dimethylphenol	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
120-83-2	2,4-Dichlorophenol	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
91-20-3	Naphthalene	ug/kg	420	430 U	410 U	400 U	400 UJ	380 U
106-47-8	p-Chloroaniline	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	4.2	430 U	410 U	400 U	400 UJ	380 U
105-60-2	Caprolactam	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
91-57-6	2-Methylnaphthalene	ug/kg	476	430 U	410 U	400 U	400 UJ	380 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	61.6	430 U	410 UJ	400 UJ	400 UJ	380 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	N/A	1100 U	1000 U	1000 U	1000 UJ	970 U
92-52-4	1,1'-Biphenyl	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
91-58-7	2-Chloronaphthalene	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
88-74-4	2-Nitroaniline	ug/kg	N/A	1100 U	1000 U	1000 U	1000 UJ	970 U
131-11-3	Dimethyl phthalate	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
606-20-2	2,6-Dinitrotoluene	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
208-96-8	Acenaphthylene	ug/kg	N/A	430 U	410 U	400 U	400 UJ	380 U
99-09-2	3-Nitrooaniline	ug/kg	N/A	1100 U	1000 UJ	1000 UJ	1000 UJ	970 U
83-32-9	Acenaphthene	ug/kg	1960	430 U	180 J #	400 U	400 UJ	15 J #

303985

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01			SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02			SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04		
SV-2-s	**SemiVolatile Organics - Page 2**																			
51-28-5	2,4-Dinitrophenol	ug/kg	N/A			1100	U		0	R		0	R		0	R		970	U	
100-02-7	4-Nitrophenol	ug/kg	N/A			1100	U		1000	U		1000	U		1000	UJ		970	U	
132-64-9	Dibenzofuran	ug/kg	N/A			430	U		100	J	~	400	U		400	UJ		11	J	~
121-14-2	2,4-Dinitrotoluene	ug/kg	N/A			430	U		410	U		400	U		400	UJ		380	U	
84-66-2	Diethyl phthalate	ug/kg	N/A			430	U		410	U		400	U		400	UJ		380	U	
86-73-7	Fluorene	ug/kg	112			430	U		220	J	A	400	U		400	UJ		21	J	#
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A			430	U		410	U		400	U		400	UJ		380	U	
100-01-6	P-Nitroaniline	ug/kg	N/A			1100	U		1000	UJ		1000	UJ		1000	UJ		970	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A			1100	U		1000	U		1000	U		1000	UJ		970	U	
86-30-6	N-Nitrosodiphenylamine	ug/kg	N/A			430	U		410	U		400	U		400	UJ		380	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A			430	U		410	U		400	U		400	UJ		380	U	
118-74-1	Hexachlorobenzene	ug/kg	2.1			430	U		410	U		400	U		400	UJ		380	U	
1912-24-9	Atrazine	ug/kg	N/A			430	U		410	U		400	U		400	UJ		380	U	
87-86-5	Pentachlorophenol	ug/kg	560			1100	U		1000	UJ		1000	UJ		1000	UJ		970	U	
85-01-8	Phenanthrene	ug/kg	560			430	U		2300		A	160	J	#	240	J	#	150	J	#
120-12-7	Anthracene	ug/kg	220			430	U		420		A	400	U		49	J	#	30	J	#
86-74-8	Carbazole	ug/kg	N/A			430	U		330	J	~	400	UJ		400	UJ		20	J	~
84-74-2	Di-n-butylphthalate	ug/kg	N/A			430	U		48	J	~	400	U		400	UJ		380	U	
206-44-0	Fluoranthene	ug/kg	14280			37	J	#	3300		#	370	J	#	330	J	#	220	J	#
129-00-0	Pyrene	ug/kg	490			31	J	#	2800	J	A	320	J	#	1300	J	A	180	J	#
85-68-7	Benzyl butyl phthalate	ug/kg	N/A			430	U		290	J	~	400	UJ		400	UJ		380	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	N/A			430	U		0	R		0	R		0	R		380	U	
56-55-3	Benzo(a)anthracene	ug/kg	168			430	U		1300		A	150	J	#	110	J	#	76	J	#
218-01-9	Chrysene	ug/kg	340			430	U		1600		A	210	J	#	200	J	#	110	J	#
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2793			430	U		390	J	#	69	J	#	46	J	#	380	U	
117-84-0	Di-n-octylphthalate	ug/kg	N/A			32	J	~	0	R		0	R		0	R		380	UJ	
205-99-2	Benzo(b)fluoranthene	ug/kg	N/A			27	J	~	1600		~	190	J	~	180	J	~	130	J	~
207-08-9	Benzo(k)fluoranthene	ug/kg	240			26	J	#	1200		A	170	J	#	190	J	#	82	J	#
50-32-8	Benzo(a)pyrene	ug/kg	18.2			19	J	A	980		A	150	J	A	230	J	A	76	J	A
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	200			18	J	#	870		A	130	J	#	160	J	#	49	J	#
53-70-3	Dibenzo(a,h)anthracene	ug/kg	60			430	U		280	J	A	400	U		400	UJ		21	J	#
191-24-2	Benzo(g,h,i)perylene	ug/kg	170			430	U		410	U		400	U		400	UJ		380	U	

303986

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01			SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02			SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04		
P/PCBs-s	**Pesticides/PCB Organics**																	
319-84-6	alpha-BHC	ug/kg	6	2.2	U		2.1	U		2.1	U		2.1	U		2	U	
319-85-7	beta-BHC	ug/kg	5	2.2	U		2.1	U		2.1	U		2.1	U		2	U	
319-86-8	delta-BHC	ug/kg	3	2.2	U		2.1	U		2.1	U		2.1	U		2	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	3	2.2	U		2.1	U		2.1	U		2.1	U		2	U	
76-44-8	Heptachlor	ug/kg	0.0112	2.2	U		2.1	U		2.1	U		2.1	U		2	U	
309-00-2	Aldrin	ug/kg	1.4	2.2	U		2.1	U		2.1	U		2.1	U		2	U	
1024-57-3	Heptachlor Epoxide	ug/kg	0.0112	2.2	U		2.1	U		2.1	U		2.1	U		2	U	
959-98-8	Endosulfan I	ug/kg	0.42	2.2	U		2.1	U		2.1	U		2.1	U		2	U	
60-57-1	Dieldrin	ug/kg	1.4	4.3	U		4.1	U		4	U		4	U		3.8	U	
72-55-9	4,4'-DDE	ug/kg	0.14	4.3	U		4.1	U		4	U		4	U		3.8	U	
72-20-8	Endrin	ug/kg	11.2	4.3	U		4.1	U		4	U		4	U		3.8	U	
33213-65-9	Endosulfan II	ug/kg	N/A	4.3	U		4.1	U		4	U		4	U		3.8	U	
72-54-8	4,4'-DDD	ug/kg	0.14	4.3	U		4.1	U		4	U		4	U		3.8	U	
1031-07-8	Endosulfan Sulfate	ug/kg	N/A	4.3	U		4.1	U		4	U		4	U		3.8	U	
50-29-3	4,4'-DDT	ug/kg	0.14	4.3	U		4.1	U		4	U		4	U		3.8	U	
72-43-5	Methoxychlor	ug/kg	8.4	22	U		21	U		21	U		21	U		20	U	
53494-70-5	Endrin Ketone	ug/kg	N/A	4.3	U		4.1	U		4	U		4	U		3.8	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4.3	U		4.1	U		4	U		4	U		3.8	U	
5103-71-9	alpha-Chlordane	ug/kg	0.014	2.2	U		2.1	U		2.1	U		2.1	U		2	U	
5103-74-2	gamma-Chlordane	ug/kg	0.014	2.2	U		5.6	NJ	A	2.1	U		2.1	U		2	U	
8001-35-2	Toxphene	ug/kg	0.28	220	U		210	U		210	U		210	U		200	U	
12674-11-2	Aroclor-1016	ug/kg	0.0112	43	U		41	U		40	U		40	U		38	U	
11104-28-2	Aroclor-1221	ug/kg	0.0112	87	U		83	U		82	U		82	U		78	U	
11141-16-5	Aroclor-1232	ug/kg	0.0112	43	U		41	U		40	U		40	U		38	U	
53469-21-9	Aroclor-1242	ug/kg	0.0112	43	U		41	U		40	U		40	U		38	U	
12672-29-6	Aroclor-1248	ug/kg	0.0112	43	U		41	U		40	U		40	U		38	U	
11097-69-1	Aroclor-1254	ug/kg	0.0112	43	U		41	U		40	U		40	U		38	U	
11096-82-5	Aroclor-1260	ug/kg	0.0112	43	U		410		A	40	U		40	U		38	U	

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01			SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02			SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	N/A			1800	J	~	5090		~	3810		~	2810		~	3770	J	~
7440-36-0	Antimony	mg/kg	2			1.3	U		0.86	U		0.88	U		0.86	U		1.5	U	
7440-38-2	Arsenic	mg/kg	6			1.1	U		4.1		#	4.4		#	1.9	B	#	2.9	B	#
7440-39-3	Barium	mg/kg	N/A			11	B	~	51.7		~	29.1	B	~	45.4	B	~	21.6	B	~
7440-41-7	Beryllium	mg/kg	N/A			0.63	B	~	0.32	B	~	0.25	B	~	0.19	B	~	0.78	B	~
7440-43-9	Cadmium	mg/kg	0.6			0.27	U		0.1	U		0.1	U		1.1	U		0.29	U	
7440-70-2	Calcium	mg/kg	N/A			4040	J	~	52900		~	4370		~	2890		~	13400	J	~
7440-47-3	Chromium	mg/kg	26			3.7		#	12.8	J	#	8.4	J	#	6	J	#	8.1	J	#
7440-48-4	Cobalt	mg/kg	N/A			1.7	B	~	4.4	B	~	4.3	B	~	3	B	~	3.8	B	~
7440-50-8	Copper	mg/kg	16			12	J	#	29.3		A	27.1		A	18.9		A	7	B	#
7439-89-6	Iron	mg/kg	2			5830		A	16300		A	12100		A	8560		A	16100		A
7439-92-1	Lead	mg/kg	31			6.3		#	72.9		A	23		#	17.7		#	5.6		#
7439-95-4	Magnesium	mg/kg	N/A			860	B	~	10700		~	1940		~	1490		~	3610		~
7439-96-5	Manganese	mg/kg	460			537	J	A	338		#	228		#	121		#	218	J	#
7439-97-6	Mercury	mg/kg	0.15			0.07	U		0.09	BJ	#	0.19	J	A	0.23	J	A	0.21		A
7440-02-0	Nickel	mg/kg	16			3.6	B	#	13.2		#	9	B	#	6.3	B	#	9.4	B	#
7440-09-7	Potassium	mg/kg	N/A			125	B	~	675	BE	~	351	BE	~	269	BE	~	185	B	~
7782-49-2	Selenium	mg/kg	N/A			1.3	UJ		0.98	U		1	U		0.98	U		1.5	UJ	
7440-22-4	Silver	mg/kg	1			0.54	U		0.21	UNJ		0.22	UNJ		0.22	UNJ		0.59	U	
7440-23-5	Sodium	mg/kg	N/A			365	BJ	~	193	B	~	168	B	~	127	B	~	151	BJ	~
7440-28-0	Thallium	mg/kg	N/A			2.1	U		1.2	U		1.2	B	~	1.2	U		2.3	U	
7440-62-2	Vanadium	mg/kg	N/A			6.7	B	~	13		~	11.1	B	~	9.3	B	~	15		~
7440-66-6	Zinc	mg/kg	120			25.7	J	#	131		A	72.3		#	64.6		#	51.3	J	#

303988

COMPARISON FLAGS:
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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-01-0-6 11/2/2001 0 to 0.5 ft.BGS SD-01			SDS-02-0-6 11/5/2001 0 to 0.5 ft.BGS SD-02			SDS-03-0-6 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-03-0-6-D 11/5/2001 0 to 0.5 ft.BGS SD-03			SDS-04-0-6 11/2/2001 0 to 0.5 ft.BGS SD-04		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			680	ULJ		270	U		430		~	490	U		430	ULJ	
GIS-110-012	Total Organic Carbon	mg/kg	N/A			4700	J	~	13500		~	10700		~	9760		~	3390	J	~
12408-02-5	pH	S.U.	N/A			7.43		~	7.66		~	7.55		~	7.6		~	7.95		~
Extra HG-S	**Extra Mercury Analyses**																			
7439-97-6	Mercury	ug/g	0.15			0.01		#	0.04		#	0.21		A	0.2		A	0.28		A
22967-92-6	Methyl Mercury	ng/g	N/A			0.13		~	0.26		~	0.84		~	2.33		~	0.56		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A			4.53		~	2.26		~	24		~	23.4		~	9.64		~
105-425	105-425	%	N/A			82.7		~	27		~	60		~	60.7		~	45.7		~
425 - 500	425 - 500	%	N/A			2.51		~	4.3		~	1.28		~	1.28		~	1.78		~
500 - 850	500 - 850	%	N/A			3.09		~	15.6		~	2.92		~	2.76		~	5.29		~
850 - 2380	850 - 2380	%	N/A			3.44		~	30.6		~	5.68		~	5.05		~	21.1		~
2380	>2380	%	N/A			3.7		~	20.2		~	6.04		~	6.81		~	16.6		~

303989

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~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06			SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07			SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
74-87-3	Chloromethane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
75-01-4	Vinyl Chloride	ug/kg	0.98			12	U		11	U		11	U		10	U		10	U	
74-83-9	Bromomethane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
75-00-3	Chloroethane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
75-69-4	Trichlorofluoromethane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
75-35-4	1,1-Dichloroethene	ug/kg	0.28			12	U		11	U		11	U		10	U		10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
67-64-1	Acetone	ug/kg	N/A			24	U		19	U		25	U		10	U		10	U	
75-15-0	Carbon Disulfide	ug/kg	N/A			12	U		2	J	~	11	U		10	U		3	J	~
79-20-9	Methyl Acetate	ug/kg	N/A			14		~	16		~	11	U		1	J	~	1	J	~
75-09-2	Methylene Chloride	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
75-34-3	1,1-Dichloroethane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
78-93-3	2-Butanone	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
67-66-3	Chloroform	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
110-82-7	Cyclohexane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
56-23-5	Carbon Tetrachloride	ug/kg	8.4			12	U		11	U		11	U		10	U		10	U	
71-43-2	Benzene	ug/kg	8.4			12	U		11	U		11	U		10	U		10	U	
107-06-2	1,2-Dichloroethane	ug/kg	9.8			12	U		11	U		11	U		10	U		10	U	
79-01-6	Trichloroethene	ug/kg	28			12	U		11	U		11	U		10	U		10	U	
108-87-2	Methylcyclohexane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
78-87-5	1,2-Dichloropropane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
75-27-4	Bromodichloromethane	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	N/A			12	U		11	U		11	U		10	U		10	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	N/A			12	U		11	U		11	UJ		10	U		10	U	

303990

COMPARISON FLAGS:
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~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05	SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05	SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06	SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07	SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08
108-88-3	Toluene	ug/kg	686	12 U	11 U	11 U	10 U	1 J #
10061-02-6	trans-1,3-Dichloropropene	ug/kg	N/A	12 U	11 U	11 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/kg	8.4	12 U	11 U	11 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/kg	11.2	12 U	11 U	11 U	10 U	10 U
591-78-6	2-Hexanone	ug/kg	N/A	12 U	11 U	11 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/kg	N/A	12 U	11 U	11 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/kg	N/A	12 U	11 U	11 U	10 U	10 U
108-90-7	Chlorobenzene	ug/kg	49	12 U	11 U	11 U	10 U	10 U
100-41-4	Ethylbenzene	ug/kg	336	12 U	11 U	11 U	10 U	10 U
1330-20-7	Xylenes (total)	ug/kg	1288	12 U	11 U	11 U	10 U	10 U
100-42-5	Styrene	ug/kg	N/A	12 U	11 U	11 U	10 U	10 U
75-25-2	Bromoform	ug/kg	N/A	12 U	11 U	11 U	10 U	10 U
98-82-8	Isopropylbenzene	ug/kg	168	12 U	11 U	11 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	4.2	12 U	11 U	11 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/kg	168	12 U	11 U	11 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/kg	168	12 U	11 U	11 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/kg	168	12 U	11 U	11 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	N/A	12 U	11 U	11 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	1274	12 U	11 U	11 U	10 U	10 U

303991

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06			SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07			SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08		
SV-1-s	**SemiVolatile Organics - Page 1**																	
100-52-7	Benzaldehyde	ug/kg	N/A	26	J	~	420	UJ		9	J	~	7	J	~	390	UJ	
108-95-2	Phenol	ug/kg	8.4	430	U		420	U		420	U		2000		A	390	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	0.42	430	U		420	U		420	U		380	U		390	U	
95-57-8	2-Chlorophenol	ug/kg	N/A	430	U		420	U		420	U		2000		~	390	U	
95-48-7	2-Methylphenol	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
98-86-2	Acetophenone	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
106-44-5	4-Methylphenol	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	N/A	430	U		420	U		420	U		1400		~	390	U	
67-72-1	Hexachloroethene	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
98-95-3	Nitrobenzene	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
78-59-1	Isophorone	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
88-75-5	2-Nitrophenol	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
105-67-9	2,4-Dimethylphenol	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
120-83-2	2,4-Dichlorophenol	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
91-20-3	Naphthalene	ug/kg	420	430	U		420	U		420	U		380	U		22	J	#
106-47-8	p-Chloroaniline	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	4.2	430	U		420	U		420	U		380	U		390	U	
105-60-2	Caprolactam	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A	430	U		420	U		420	U		1900		~	390	U	
91-57-6	2-Methylnaphthalene	ug/kg	476	430	U		420	U		420	U		380	U		18	J	#
77-47-4	Hexachlorocyclopentadiene	ug/kg	61.6	430	UJ		420	UJ		420	UJ		380	UJ		390	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	N/A	1100	U		1100	U		1100	U		970	U		980	U	
92-52-4	1,1'-Biphenyl	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
91-58-7	2-Chloronaphthalene	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
88-74-4	2-Nitroaniline	ug/kg	N/A	1100	U		1100	U		1100	U		970	U		980	U	
131-11-3	Dimethyl phthalate	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
208-96-8	Acenaphthylene	ug/kg	N/A	430	U		420	U		420	U		24	J	~	18	J	~
99-09-2	3-Nitrooaniline	ug/kg	N/A	1100	U		1100	U		1100	U		970	U		980	U	
83-32-9	Acenaphthene	ug/kg	1960	430	U		420	U		420	U		1400		#	160	J	#

303992

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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06			SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07			SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	N/A	1100	UJ		0	R		1100	UJ		970	UJ		0	R	
100-02-7	4-Nitrophenol	ug/kg	N/A	1100	U		1100	U		1100	U		2100		~	980	U	
132-64-9	Dibenzofuran	ug/kg	N/A	430	U		420	U		420	U		380	U		110	J	~
121-14-2	2,4-Dinitrotoluene	ug/kg	N/A	430	U		420	U		420	U		1400		~	390	U	
84-66-2	Diethyl phthalate	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
86-73-7	Fluorene	ug/kg	112	430	U		420	U		420	U		380	U		220	J	A
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	1100	U		1100	U		1100	U		970	U		980	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1100	UJ		1100	UJ		1100	UJ		970	UJ		980	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
118-74-1	Hexachlorobenzene	ug/kg	2.1	430	U		420	U		420	U		380	U		390	U	
1912-24-9	Atrazine	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
87-86-5	Pentachlorophenol	ug/kg	560	1100	U		1100	UJ		1100	U		970	J	A	980	UJ	
85-01-8	Phenanthrene	ug/kg	560	30	J	#	22	J	#	60	J	#	130	J	#	2100		A
120-12-7	Anthracene	ug/kg	220	430	U		420	U		420	U		44	J	#	330	J	A
86-74-8	Carbazole	ug/kg	N/A	430	U		420	U		12	J	~	380	U		270	J	~
84-74-2	Di-n-butylphthalate	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
206-44-0	Fluoranthene	ug/kg	14280	58	J	#	38	J	#	170	J	#	390		#	2900		#
129-00-0	Pyrene	ug/kg	490	44	J	#	23	J	#	130	J	#	330	J	#	1600	J	A
85-68-7	Benzyl butyl phthalate	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	N/A	430	U		420	U		420	U		380	U		390	U	
56-55-3	Benzo(a)anthracene	ug/kg	168	24	J	#	420	U		56	J	#	160	J	#	760		A
218-01-9	Chrysene	ug/kg	340	31	J	#	420	U		94	J	#	180	J	#	960		A
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2793	430	U		420	U		420	U		380	U		390	U	
117-84-0	Di-n-octylphthalate	ug/kg	N/A	23	J	~	420	U		25	J	~	12	J	~	390	UJ	
205-99-2	Benzo(b)fluoranthene	ug/kg	N/A	30	J	~	18	J	~	87	J	~	120	J	~	640		~
207-08-9	Benzo(k)fluoranthene	ug/kg	240	27	J	#	420	U		94	J	#	130	J	#	790		A
50-32-8	Benzo(a)pyrene	ug/kg	18.2	21	J	A	14	J	#	63	J	A	110	J	A	690		A
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	200	16	J	#	13	J	#	50	J	#	58	J	#	500		A
53-70-3	Dibenzo(a,h)anthracene	ug/kg	60	430	U		420	UJ		24	J	#	24	J	#	180	J	A
191-24-2	Benzo(g,h,i)perylene	ug/kg	170	430	U		420	UJ		51	J	#	52	J	#	450	J	A

303993

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05	SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05	SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06	SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07	SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08
P/PCBs-s	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/kg	6	2.2 U	2.2 U	2.2 U	2 U	2 U
319-85-7	beta-BHC	ug/kg	5	2.2 U	2.2 U	2.2 U	2 U	2 U
319-86-8	delta-BHC	ug/kg	3	2.2 U	2.2 U	2.2 U	2 U	2 U
58-89-9	gamma-BHC (Lindane)	ug/kg	3	2.2 U	2.2 U	2.2 U	2 U	2 U
76-44-8	Heptachlor	ug/kg	0.0112	2.2 U	2.2 U	2.2 U	2 U	2 U
309-00-2	Aldrin	ug/kg	1.4	2.2 U	2.2 U	2.2 U	2 U	2 U
1024-57-3	Heptachlor Epoxide	ug/kg	0.0112	2.2 U	2.2 U	2.2 U	2 U	2 U
959-98-8	Endosulfan I	ug/kg	0.42	2.2 U	2.2 U	2.2 U	2 U	2 U
60-57-1	Dieldrin	ug/kg	1.4	4.3 U	4.2 U	4.2 U	3.8 U	3.9 U
72-55-9	4,4'-DDE	ug/kg	0.14	4.3 U	4.2 U	4.2 U	3.8 U	3.9 U
72-20-8	Endrin	ug/kg	11.2	4.3 U	4.2 U	4.2 U	3.8 U	3.9 U
33213-65-9	Endosulfan II	ug/kg	N/A	4.3 U	4.2 U	4.2 U	3.8 U	3.9 U
72-54-8	4,4'-DDD	ug/kg	0.14	4.3 U	4.2 U	4.2 U	3.8 U	3.9 U
1031-07-8	Endosulfan Sulfate	ug/kg	N/A	4.3 U	4.2 U	4.2 U	3.8 U	3.9 U
50-29-3	4,4'-DDT	ug/kg	0.14	4.3 U	4.2 U	4.2 U	3.8 U	3.9 U
72-43-5	Methoxychlor	ug/kg	8.4	22 U	22 U	22 U	20 U	20 U
53494-70-5	Endrin Ketone	ug/kg	N/A	4.3 U	4.2 U	4.2 U	3.8 U	3.9 U
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4.3 U	4.2 U	4.2 U	3.8 U	3.9 U
5103-71-9	alpha-Chlordane	ug/kg	0.014	2.2 U	2.2 U	2.2 U	2 U	2 U
5103-74-2	gamma-Chlordane	ug/kg	0.014	2.2 U	2.2 U	2.2 U	2 U	2 U
8001-35-2	Toxphene	ug/kg	0.28	220 U	220 U	220 U	200 U	200 U
12674-11-2	Aroclor-1016	ug/kg	0.0112	43 U	42 U	42 U	38 U	39 U
11104-28-2	Aroclor-1221	ug/kg	0.0112	88 U	86 U	85 U	78 U	79 U
11141-16-5	Aroclor-1232	ug/kg	0.0112	43 U	42 U	42 U	38 U	39 U
53469-21-9	Aroclor-1242	ug/kg	0.0112	43 U	42 U	42 U	38 U	39 U
12672-29-6	Aroclor-1248	ug/kg	0.0112	43 U	42 U	42 U	38 U	39 U
11097-69-1	Aroclor-1254	ug/kg	0.0112	43 U	42 U	42 U	38 U	39 U
11096-82-5	Aroclor-1260	ug/kg	0.0112	43 U	42 U	42 U	38 U	39 U

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COMPARISON FLAGS:
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~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06			SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07			SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08		
Inorg-s	**Inorganic Analytes**																	
7429-90-5	Aluminum	mg/kg	N/A	5330	J	~	4840	J	~	5540	J	~	4080	J	~	3590	J	~
7440-36-0	Antimony	mg/kg	2	1.3	U		1.3	U		1.3	U		1.2	U		1.2	U	
7440-38-2	Arsenic	mg/kg	6	3.2		#	2.6		#	4.2		#	2.7		#	3.8		#
7440-39-3	Barium	mg/kg	N/A	18.7	B	~	28.9	B	~	25.4	B	~	21.2	B	~	22.4	B	~
7440-41-7	Beryllium	mg/kg	N/A	0.71	B	~	0.54	B	~	0.78	B	~	0.52	B	~	0.54	B	~
7440-43-9	Cadmium	mg/kg	0.6	0.26	U		0.25	U		0.27	U		0.23	U		0.23	U	
7440-70-2	Calcium	mg/kg	N/A	1010	B	~	933	B	~	1930	J	~	7320	J	~	10900	J	~
7440-47-3	Chromium	mg/kg	26	6.5	J	#	6.1	J	#	8.8	J	#	7.5	J	#	8	J	#
7440-48-4	Cobalt	mg/kg	N/A	3.9	B	~	3.4	B	~	5.6	B	~	4	B	~	3.7	B	~
7440-50-8	Copper	mg/kg	16	7.3	J	#	7	J	#	11.6	J	#	8	J	#	14.1	J	#
7439-89-6	Iron	mg/kg	2	11000		A	10000		A	14800		A	12700		A	13600		A
7439-92-1	Lead	mg/kg	31	6.6		#	6.8		#	3.6		#	4.5		#	44.4		A
7439-95-4	Magnesium	mg/kg	N/A	1240	B	~	1160	B	~	1920		~	2430		~	2900		~
7439-96-5	Manganese	mg/kg	460	174	J	#	150	J	#	333	J	#	280	J	#	466	J	A
7439-97-6	Mercury	mg/kg	0.15	0.37		A	0.26		A	0.08	B	#	0.09	B	#	0.07	B	#
7440-02-0	Nickel	mg/kg	16	7.9	B	#	7.2	B	#	10.8		#	9.8		#	9.2	B	#
7440-09-7	Potassium	mg/kg	N/A	362	B	~	283	B	~	333	B	~	364	B	~	252	B	~
7782-49-2	Selenium	mg/kg	N/A	1.3	UJ		1.3	UJ		1.3	UJ		1.2	UJ		1.2	UJ	
7440-22-4	Silver	mg/kg	1	0.53	U		0.5	U		0.53	U		0.47	U		0.46	U	
7440-23-5	Sodium	mg/kg	N/A	323	BJ	~	246	BJ	~	250	BJ	~	290	BJ	~	256	BJ	~
7440-28-0	Thallium	mg/kg	N/A	2.1	U		2	U		2.1	U		1.9	U		1.8	U	
7440-62-2	Vanadium	mg/kg	N/A	12.7	B	~	10.9	B	~	13.5		~	10.5	B	~	9.1	B	~
7440-66-6	Zinc	mg/kg	120	30.9	J	#	34	J	#	39	J	#	41.8	J	#	84	J	#

303995

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
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~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-05-0-6 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-05-0-6-D 10/31/2001 0 to 0.5 ft.BGS SD-05			SDS-06-0-6 11/1/2001 0 to 0.5 ft.BGS SD-06			SDS-07-0-6 10/31/2001 0 to 0.5 ft.BGS SD-07			SDS-08-0-6 10/31/2001 0 to 0.5 ft.BGS SD-08		
Add-I	**Additional Parameters**																	
7440-23-5	Sodium	MEQ/kg	N/A	1700	ULJ		1600	ULJ		0	R		760	ULJ		1100	ULJ	
GIS-110-012	Total Organic Carbon	mg/kg	N/A	12200	J	~	37000	J	~	2050		~	2380	J	~	2520	J	~
12408-02-5	pH	S.U.	N/A	6.54		~	6.45		~	7.05		~	7.55		~	7.3		~
Extra HG-S	**Extra Mercury Analyses**																	
7439-97-6	Mercury	ug/g	0.15	0.38		A	0.43		A	0.07		#	0.07		#	0.06		#
22967-92-6	Methyl Mercury	ng/g	N/A	3.14		~	3.61		~	0.39		~	0.33		~	0.44		~
Grain-90	**Grain - 6 members**																	
105	<105	%	N/A	31.6		~	32.6		~	66.2		~	9.43		~	4.3		~
105-425	105-425	%	N/A	62.1		~	62.4		~	22.2		~	47.9		~	53.1		~
425 - 500	425 - 500	%	N/A	1.41		~	1.4		~	1.48		~	1.56		~	2.67		~
500 - 850	500 - 850	%	N/A	2.03		~	2.01		~	4.38		~	4.15		~	6.74		~
850 - 2380	850 - 2380	%	N/A	2.53		~	1.3		~	5.2		~	10.9		~	15.4		~
2380	>2380	%	N/A	0.41		~	0.29		~	0.45		~	26		~	17.8		~

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~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09			SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10			SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11			SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12			SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
74-87-3	Chloromethane	ug/kg	N/A			10	UJ		16	UJ		32	U		13	UJ		13	U	
75-01-4	Vinyl Chloride	ug/kg	0.98			10	U		16	UJ		32	U		13	U		13	U	
74-83-9	Bromomethane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
75-00-3	Chloroethane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
75-69-4	Trichlorofluoromethane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
75-35-4	1,1-Dichloroethene	ug/kg	0.28			10	U		16	UJ		32	U		13	U		13	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
67-64-1	Acetone	ug/kg	N/A			10	UJ		36	UJ		56	U		13	UJ		23	U	
75-15-0	Carbon Disulfide	ug/kg	N/A			1	J	~	16	UJ		32	U		1	J	~	6	J	~
79-20-9	Methyl Acetate	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
75-09-2	Methylene Chloride	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
75-34-3	1,1-Dichloroethane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
78-93-3	2-Butanone	ug/kg	N/A			10	U		12	J	~	17	J	~	13	U		4	J	~
67-66-3	Chloroform	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
110-82-7	Cyclohexane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
56-23-5	Carbon Tetrachloride	ug/kg	8.4			10	U		16	UJ		32	U		13	U		13	U	
71-43-2	Benzene	ug/kg	8.4			10	U		16	UJ		32	UJ		13	U		13	U	
107-06-2	1,2-Dichloroethane	ug/kg	9.8			10	U		16	UJ		32	U		13	U		13	U	
79-01-6	Trichloroethene	ug/kg	28			10	U		16	UJ		32	U		13	U		13	U	
108-87-2	Methylcyclohexane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
78-87-5	1,2-Dichloropropane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
75-27-4	Bromodichloromethane	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	N/A			10	U		16	UJ		32	U		13	U		13	U	

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COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
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~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09	SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10	SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11	SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12	SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13
108-88-3	Toluene	ug/kg	686	10 U	3 J #	4 J #	13 U	13 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	N/A	10 U	16 UJ	32 U	13 U	13 U
79-00-5	1,1,2-Trichloroethane	ug/kg	8.4	10 U	16 UJ	32 U	13 U	13 U
127-18-4	Tetrachloroethene	ug/kg	11.2	10 U	16 UJ	32 U	13 U	13 U
591-78-6	2-Hexanone	ug/kg	N/A	10 U	16 UJ	32 U	13 U	13 U
124-48-1	Dibromochloromethane	ug/kg	N/A	10 U	16 UJ	32 U	13 U	13 U
106-93-4	1,2-Dibromoethane	ug/kg	N/A	10 U	16 UJ	32 U	13 U	13 U
108-90-7	Chlorobenzene	ug/kg	49	10 U	16 UJ	32 UJ	13 U	13 J #
100-41-4	Ethylbenzene	ug/kg	336	10 U	16 UJ	32 UJ	13 U	13 U
1330-20-7	Xylenes (total)	ug/kg	1288	10 U	16 UJ	32 UJ	13 U	13 U
100-42-5	Styrene	ug/kg	N/A	10 U	16 UJ	32 UJ	13 U	13 U
75-25-2	Bromoform	ug/kg	N/A	10 U	16 UJ	32 U	13 U	13 U
98-82-8	Isopropylbenzene	ug/kg	168	10 U	16 UJ	32 UJ	13 U	13 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	4.2	10 U	16 UJ	32 U	13 U	13 U
541-73-1	1,3-Dichlorobenzene	ug/kg	168	10 U	16 UJ	32 UJ	13 U	13 U
106-46-7	1,4-Dichlorobenzene	ug/kg	168	10 U	16 UJ	4 J #	13 U	1 J #
95-50-1	1,2-Dichlorobenzene	ug/kg	168	10 U	16 UJ	4 J #	13 U	4 J #
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	N/A	10 U	16 UJ	32 U	13 U	13 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	1274	10 U	16 UJ	32 UJ	13 U	13 U

303998

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
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Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09			SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10			SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11			SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12			SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13		
SV-1-s	**SemiVolatile Organics - Page 1**																	
100-52-7	Benzaldehyde	ug/kg	N/A	410	UJ		1000	UJ		290	J	~	420	UJ		450	UJ	
108-95-2	Phenol	ug/kg	8.4	410	U		1000	UJ		830	UJ		420	U		450	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	0.42	410	U		1000	UJ		830	UJ		420	U		450	U	
95-57-8	2-Chlorophenol	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
95-48-7	2-Methylphenol	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
98-86-2	Acetophenone	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
106-44-5	4-Methylphenol	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
67-72-1	Hexachloroethene	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
98-95-3	Nitrobenzene	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
78-59-1	Isophorone	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
88-75-5	2-Nitrophenol	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
105-67-9	2,4-Dimethylphenol	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
120-83-2	2,4-Dichlorophenol	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
91-20-3	Naphthalene	ug/kg	420	410	U		1000	UJ		830	UJ		420	U		28	J	#
106-47-8	p-Chloroaniline	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	4.2	410	U		1000	UJ		830	UJ		420	U		450	U	
105-60-2	Caprolactam	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
91-57-6	2-Methylnaphthalene	ug/kg	476	410	U		1000	UJ		94	J	#	420	U		30	J	#
77-47-4	Hexachlorocyclopentadiene	ug/kg	61.6	410	UJ		1000	UJ		830	UJ		420	UJ		450	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	N/A	1000	U		2600	UJ		2100	UJ		1100	U		1100	U	
92-52-4	1,1'-Biphenyl	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		68	J	~
91-58-7	2-Chloronaphthalene	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
88-74-4	2-Nitroaniline	ug/kg	N/A	1000	U		2600	UJ		2100	UJ		1100	U		1100	U	
131-11-3	Dimethyl phthalate	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
208-96-8	Acenaphthylene	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
99-09-2	3-Nitrooaniline	ug/kg	N/A	1000	U		2600	UJ		2100	UJ		1100	U		1100	U	
83-32-9	Acenaphthene	ug/kg	1960	29	J	#	120	J	#	830	UJ		420	U		49	J	#

303999

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09			SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10			SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11			SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12			SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	N/A	0	R		2600	UJ		0	R		0	R		0	R	
100-02-7	4-Nitrophenol	ug/kg	N/A	1000	U		2600	UJ		2100	UJ		1100	U		1100	U	
132-64-9	Dibenzofuran	ug/kg	N/A	16	J	~	1000	UJ		830	UJ		420	U		34	J	~
121-14-2	2,4-Dinitrotoluene	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
84-66-2	Diethyl phthalate	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
86-73-7	Fluorene	ug/kg	112	40	J	#	190	J	A	190	J	A	420	U		41	J	#
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	1000	U		2600	UJ		2100	UJ		1100	U		1100	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1000	UJ		2600	UJ		2100	UJ		1100	UJ		1100	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
118-74-1	Hexachlorobenzene	ug/kg	2.1	410	U		1000	UJ		830	UJ		420	U		450	U	
1912-24-9	Atrazine	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		450	U	
87-86-5	Pentachlorophenol	ug/kg	560	1000	UJ		2600	UJ		2100	UJ		1100	UJ		1100	UJ	
85-01-8	Phenanthrene	ug/kg	560	530		#	2300	J	A	1800	J	A	14	J	#	380	J	#
120-12-7	Anthracene	ug/kg	220	89	J	#	330	J	A	260	J	A	420	U		56	J	#
86-74-8	Carbazole	ug/kg	N/A	73	J	~	220	J	~	98	J	~	420	U		56	J	~
84-74-2	Di-n-butylphthalate	ug/kg	N/A	410	U		1000	UJ		110	J	~	420	U		450	U	
206-44-0	Fluoranthene	ug/kg	14280	1200		#	3600	J	#	2800	J	#	25	J	#	570		#
129-00-0	Pyrene	ug/kg	490	760	J	A	4200	J	A	3200	J	A	19	J	#	350	J	#
85-68-7	Benzyl butyl phthalate	ug/kg	N/A	410	U		1000	UJ		830	UJ		420	U		220	J	~
91-94-1	3,3`-Dichlorobenzidine	ug/kg	N/A	410	U		1000	UJ		0	R		420	U		450	U	
56-55-3	Benzo(a)anthracene	ug/kg	168	400	J	A	1800	J	A	1100	J	A	420	U		180	J	A
218-01-9	Chrysene	ug/kg	340	570		A	2300	J	A	1700	J	A	420	U		240	J	#
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2793	590	U		1100	J	#	6400	J	A	440	U		450	U	
117-84-0	Di-n-octylphthalate	ug/kg	N/A	410	UJ		1000	UJ		0	R		420	U		450	U	
205-99-2	Benzo(b)fluoranthene	ug/kg	N/A	480		~	2000	J	~	1600	J	~	420	U		180	J	~
207-08-9	Benzo(k)fluoranthene	ug/kg	240	450		A	1600	J	A	1200	J	A	420	U		200	J	#
50-32-8	Benzo(a)pyrene	ug/kg	18.2	420		A	1300	J	A	1100	J	A	420	U		170	J	A
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	200	340	J	A	820	J	A	1300	J	A	420	U		140	J	#
53-70-3	Dibenzo(a,h)anthracene	ug/kg	60	110	J	A	260	J	A	350	J	A	420	UJ		64	J	A
191-24-2	Benzo(g,h,i)perylene	ug/kg	170	350	J	A	160	J	#	330	J	A	420	UJ		130	J	#

304000

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09			SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10			SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11			SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12			SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13		
P/PCBs-s	**Pesticides/PCB Organics**																			
319-84-6	alpha-BHC	ug/kg	6			2.1	U		2.6	UJ		8.5	UJ		2.2	U		2.3	U	
319-85-7	beta-BHC	ug/kg	5			0	R		2.6	UJ		8.5	UJ		6.5	J	A	7.5	NJ	A
319-86-8	delta-BHC	ug/kg	3			2.1	U		2.6	UJ		8.5	UJ		2.2	U		2.3	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	3			2.1	U		2.6	UJ		8.5	UJ		2.2	U		2.3	U	
76-44-8	Heptachlor	ug/kg	0.0112			2.1	U		2.6	UJ		39	NJ	A	2.2	U		2.3	U	
309-00-2	Aldrin	ug/kg	1.4			2.1	U		2.6	UJ		8.5	UJ		2.2	U		2.3	U	
1024-57-3	Heptachlor Epoxide	ug/kg	0.0112			2.1	U		2.9	NJ	A	8.5	UJ		2.2	U		2.3	U	
959-98-8	Endosulfan I	ug/kg	0.42			2.1	U		2.6	UJ		26	J	A	2.2	U		2.3	U	
60-57-1	Dieldrin	ug/kg	1.4			4.1	U		0	R		380	DJ	A	4.2	U		4.5	U	
72-55-9	4,4'-DDE	ug/kg	0.14			4.1	U		5.1	UJ		61	J	A	4.2	U		4.5	U	
72-20-8	Endrin	ug/kg	11.2			4.1	U		0	R		310	DJN	A	4.2	U		4.5	U	
33213-65-9	Endosulfan II	ug/kg	N/A			4.1	U		5.1	UJ		17	UJ		4.2	U		4.5	U	
72-54-8	4,4'-DDD	ug/kg	0.14			4.1	U		5.1	UJ		0	R		5.4	J	A	5.1	J	A
1031-07-8	Endosulfan Sulfate	ug/kg	N/A			0	R		12	NJ	~	150	J	~	4.2	U		4.5	U	
50-29-3	4,4'-DDT	ug/kg	0.14			4.1	U		9	NJ	A	17	UJ		4.2	U		4.5	U	
72-43-5	Methoxychlor	ug/kg	8.4			21	U		26	UJ		85	UJ		22	U		23	U	
53494-70-5	Endrin Ketone	ug/kg	N/A			4.1	U		5.1	UJ		180	DJ	~	4.2	U		4.5	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A			11		~	5.1	UJ		220	DJ	~	4.2	U		4.5	U	
5103-71-9	alpha-Chlordane	ug/kg	0.014			2.1	U		8.4	J	A	1100	DJ	A	2.2	U		2.3	U	
5103-74-2	gamma-Chlordane	ug/kg	0.014			2.1	U		2.6	UJ		770	DJ	A	2.2	U		2.3	U	
8001-35-2	Toxphene	ug/kg	0.28			210	U		260	UJ		850	UJ		220	U		230	U	
12674-11-2	Aroclor-1016	ug/kg	0.0112			41	U		51	UJ		170	UJ		42	U		45	U	
11104-28-2	Aroclor-1221	ug/kg	0.0112			84	U		100	UJ		340	UJ		86	U		92	U	
11141-16-5	Aroclor-1232	ug/kg	0.0112			41	U		51	UJ		170	UJ		42	U		45	U	
53469-21-9	Aroclor-1242	ug/kg	0.0112			41	U		51	UJ		170	UJ		42	U		45	U	
12672-29-6	Aroclor-1248	ug/kg	0.0112			41	U		51	UJ		170	UJ		42	U		45	U	
11097-69-1	Aroclor-1254	ug/kg	0.0112			360		A	51	UJ		170	UJ		42	U		45	U	
11096-82-5	Aroclor-1260	ug/kg	0.0112			41	U		51	UJ		4400	J	A	42	U		45	U	

304001

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09			SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10			SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11			SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12			SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13		
Inorg-s	**Inorganic Analytes**																	
7429-90-5	Aluminum	mg/kg	N/A	3170	J	~	3750		~	5990	J	~	5740	J	~	7630	J	~
7440-36-0	Antimony	mg/kg	2	1.2	U		1	U		1.6	UJ		1.3	U		1.4	U	
7440-38-2	Arsenic	mg/kg	6	2.7		#	6.9		A	9.3	J	A	8.9		A	13.4		A
7440-39-3	Barium	mg/kg	N/A	19.9	B	~	51.8	B	~	98.9	J	~	48	B	~	78.6		~
7440-41-7	Beryllium	mg/kg	N/A	0.37	B	~	0.25	B	~	0.41	BJ	~	0.64	B	~	0.84	B	~
7440-43-9	Cadmium	mg/kg	0.6	0.25	U		0.11	U		1.7	BJ	A	0.27	U		0.27	U	
7440-70-2	Calcium	mg/kg	N/A	8780	J	~	14800		~	16100	J	~	13500	J	~	3040	J	~
7440-47-3	Chromium	mg/kg	26	8.3	J	#	17.3	*	#	69.3	*J	A	8.5	J	#	11.9	J	#
7440-48-4	Cobalt	mg/kg	N/A	3.3	B	~	4.2	B	~	5.7	BJ	~	5.6	B	~	7.3	B	~
7440-50-8	Copper	mg/kg	16	16.4	J	A	56.1		A	133	J	A	18.5	J	A	13	J	#
7439-89-6	Iron	mg/kg	2	11300		A	15000		A	17600	J	A	16400		A	22700		A
7439-92-1	Lead	mg/kg	31	18.9		#	80.9		A	297	J	A	10.4		#	5.3		#
7439-95-4	Magnesium	mg/kg	N/A	2620		~	2640		~	3880	J	~	4640		~	2590		~
7439-96-5	Manganese	mg/kg	460	235	J	#	691		A	502	J	A	489	J	A	421	J	#
7439-97-6	Mercury	mg/kg	0.15	0.07	B	#	0.28		A	1.1	J	A	0.06	U		0.06	B	#
7440-02-0	Nickel	mg/kg	16	7.5	B	#	11.4	BE	#	19.4	EJ	A	11.7		#	14.3		#
7440-09-7	Potassium	mg/kg	N/A	286	B	~	369	BE	~	610	BEJ	~	505	B	~	314	B	~
7782-49-2	Selenium	mg/kg	N/A	1.2	UJ		1.2	U		2.4	J	~	1.3	UJ		1.4	UJ	
7440-22-4	Silver	mg/kg	1	0.5	U		0.26	UNJ		2.5	BNJ	A	0.53	U		0.54	U	
7440-23-5	Sodium	mg/kg	N/A	325	BJ	~	209	B	~	424	BJ	~	430	BJ	~	413	BJ	~
7440-28-0	Thallium	mg/kg	N/A	2	U		1.4	U		2.3	BJ	~	2.1	U		2.2	U	
7440-62-2	Vanadium	mg/kg	N/A	8.3	B	~	14.6	J	~	23.9	J	~	14.1		~	18.4		~
7440-66-6	Zinc	mg/kg	120	81.6	J	#	180		A	701	J	A	45.8	J	#	68.2	J	#

304002

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-09-0-6 10/30/2001 0 to 0.5 ft.BGS SD-09			SDS-10-0-6 11/7/2001 0 to 0.5 ft.BGS SD-10			SDS-11-0-6 11/7/2001 0 to 0.5 ft.BGS SD-11			SDS-12-0-6 10/30/2001 0 to 0.5 ft.BGS SD-12			SDS-13-0-6 10/30/2001 0 to 0.5 ft.BGS SD-13		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			890	ULJ		660		~	1400		~	1900	ULJ		1600	ULJ	
GIS-110-012	Total Organic Carbon	mg/kg	N/A			3090	J	~	16000		~	70900		~	14200	J	~	13300	J	~
12408-02-5	pH	S.U.	N/A			7.18		~	6.83		~	6.75		~	6.69		~	7.61		~
Extra HG-S	**Extra Mercury Analyses**																			
7439-97-6	Mercury	ug/g	0.15			0.06		#	0.38		A	1.2		A	0.04		#	0.05		#
22967-92-6	Methyl Mercury	ng/g	N/A			0.18		~	1.33		~	4.78		~	0.57		~	0.16		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A			17.9		~	40.1		~	32.7		~	30.6		~	24.6		~
105-425	105-425	%	N/A			71.6		~	57.5		~	44.4		~	40.6		~	35.7		~
425 - 500	425 - 500	%	N/A			2.24		~	0.45		~	1.85		~	2.18		~	3.26		~
500 - 850	500 - 850	%	N/A			4.41		~	0.9		~	5.98		~	7.45		~	10.3		~
850 - 2380	850 - 2380	%	N/A			3.26		~	0.8		~	8.48		~	12.8		~	16		~
2380	>2380	%	N/A			0.68		~	0.24		~	6.56		~	6.41		~	10.1		~

304003

COMPARISON FLAGS:

A -- Detected sample value is greater that the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14			SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03			SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03			SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03			SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
74-87-3	Chloromethane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
75-01-4	Vinyl Chloride	ug/kg	0.98			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
74-83-9	Bromomethane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
75-00-3	Chloroethane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
75-69-4	Trichlorofluoromethane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
75-35-4	1,1-Dichloroethene	ug/kg	0.28			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
67-64-1	Acetone	ug/kg	N/A			18	U		12	UJ		14	UJ		35	UJ		14	UJ	
75-15-0	Carbon Disulfide	ug/kg	N/A			12		~	12	UJ		1	J	~	1	J	~	13	UJ	
79-20-9	Methyl Acetate	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
75-09-2	Methylene Chloride	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
156-60-5	trans-1,2-Dichloroethene	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
75-34-3	1,1-Dichloroethane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
156-59-2	cis-1,2-Dichloroethene	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
78-93-3	2-Butanone	ug/kg	N/A			2	J	~	12	UJ		3	J	~	10	UJ		13	UJ	
67-66-3	Chloroform	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
71-55-6	1,1,1-Trichloroethane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
110-82-7	Cyclohexane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
56-23-5	Carbon Tetrachloride	ug/kg	8.4			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
71-43-2	Benzene	ug/kg	8.4			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
107-06-2	1,2-Dichloroethane	ug/kg	9.8			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
79-01-6	Trichloroethene	ug/kg	28			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
108-87-2	Methylcyclohexane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
78-87-5	1,2-Dichloropropane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
75-27-4	Bromodichloromethane	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	
108-10-1	4-Methyl-2-pentanone	ug/kg	N/A			10	U		12	UJ		14	UJ		10	UJ		13	UJ	

304004

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14	SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03	SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03	SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03	SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03
108-88-3	Toluene	ug/kg	686	10 U	12 UJ	14 UJ	10 UJ	13 UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	N/A	10 U	12 UJ	14 UJ	10 UJ	13 UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	8.4	10 U	12 UJ	14 UJ	10 UJ	13 UJ
127-18-4	Tetrachloroethene	ug/kg	11.2	10 U	12 UJ	14 UJ	10 UJ	13 UJ
591-78-6	2-Hexanone	ug/kg	N/A	10 U	12 UJ	14 UJ	10 UJ	13 UJ
124-48-1	Dibromochloromethane	ug/kg	N/A	10 U	12 UJ	14 UJ	10 UJ	13 UJ
106-93-4	1,2-Dibromoethane	ug/kg	N/A	10 U	12 UJ	14 UJ	10 UJ	13 UJ
108-90-7	Chlorobenzene	ug/kg	49	10 U	12 UJ	14 UJ	10 UJ	13 UJ
100-41-4	Ethylbenzene	ug/kg	336	10 U	12 UJ	14 UJ	10 UJ	13 UJ
1330-20-7	Xylenes (total)	ug/kg	1288	10 U	12 UJ	14 UJ	10 UJ	13 UJ
100-42-5	Styrene	ug/kg	N/A	10 U	12 UJ	14 UJ	10 UJ	13 UJ
75-25-2	Bromoform	ug/kg	N/A	10 U	12 UJ	14 UJ	10 UJ	13 UJ
98-82-8	Isopropylbenzene	ug/kg	168	10 U	12 UJ	14 UJ	10 UJ	13 UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	4.2	10 U	12 UJ	14 UJ	10 UJ	13 UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	168	10 U	12 UJ	14 UJ	10 UJ	13 UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	168	10 U	12 UJ	14 UJ	10 UJ	13 UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	168	10 U	12 UJ	14 UJ	10 UJ	13 UJ
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	N/A	10 U	12 UJ	14 UJ	10 UJ	13 UJ
120-82-1	1,2,4-Trichlorobenzene	ug/kg	1274	10 U	12 UJ	14 UJ	10 UJ	13 UJ

304005

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14			SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03			SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03			SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03			SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03		
SV-1-s	**SemiVolatile Organics - Page 1**																			
100-52-7	Benzaldehyde	ug/kg	N/A			430	UJ		0	R		0	R		0	R		0	R	
108-95-2	Phenol	ug/kg	8.4			430	U		450	U		460	U		420	U		480	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	0.42			430	U		450	U		460	U		420	U		480	U	
95-57-8	2-Chlorophenol	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
95-48-7	2-Methylphenol	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A			430	U		450	UJ		460	UJ		420	UJ		480	UJ	
98-86-2	Acetophenone	ug/kg	N/A			430	U		450	U		460	U		61	J	~	480	U	
106-44-5	4-Methylphenol	ug/kg	N/A			430	U		450	U		460	U		44	J	~	480	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
67-72-1	Hexachloroethene	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
98-95-3	Nitrobenzene	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
78-59-1	Isophorone	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
88-75-5	2-Nitrophenol	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
105-67-9	2,4-Dimethylphenol	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
120-83-2	2,4-Dichlorophenol	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
91-20-3	Naphthalene	ug/kg	420			150	J	#	130	J	#	130	J	#	420	U		480	U	
106-47-8	p-Chloroaniline	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	4.2			430	U		450	U		460	U		420	U		480	U	
105-60-2	Caprolactam	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
91-57-6	2-Methylnaphthalene	ug/kg	476			99	J	#	450	U		460	U		420	U		480	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	61.6			430	UJ		450	UJ		460	UJ		420	UJ		480	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	N/A			1100	U		1100	U		1200	U		1100	U		1200	U	
92-52-4	1,1'-Biphenyl	ug/kg	N/A			31	J	~	450	U		460	U		420	U		480	U	
91-58-7	2-Chloronaphthalene	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
88-74-4	2-Nitroaniline	ug/kg	N/A			1100	U		1100	U		1200	U		1100	U		1200	U	
131-11-3	Dimethyl phthalate	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
208-96-8	Acenaphthylene	ug/kg	N/A			22	J	~	450	U		460	U		420	U		480	U	
99-09-2	3-Nitrooaniline	ug/kg	N/A			1100	U		1100	UJ		1200	UJ		1100	UJ		1200	UJ	
83-32-9	Acenaphthene	ug/kg	1960			390	J	#	84	J	#	56	J	#	55	J	#	480	U	

304006

COMPARISON FLAGS:
A -- D[redacted]d sample value is greater that the screening criterion.
-- D[redacted]J sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14			SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03			SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03			SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03			SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03		
SV-2-s	**SemiVolatile Organics - Page 2**																			
51-28-5	2,4-Dinitrophenol	ug/kg	N/A			0	R		0	R		0	R		0	R		0	R	
100-02-7	4-Nitrophenol	ug/kg	N/A			1100	U		1100	U		1200	U		1100	U		1200	U	
132-64-9	Dibenzofuran	ug/kg	N/A			210	J	~	450	U		460	U		46	J	~	480	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
84-66-2	Diethyl phthalate	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
86-73-7	Fluorene	ug/kg	112			340	J	A	450	U		460	U		90	J	#	480	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
100-01-6	P-Nitroaniline	ug/kg	N/A			1100	U		1100	UJ		1200	UJ		1100	UJ		1200	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A			1100	UJ		1100	U		1200	U		1100	U		1200	U	
86-30-6	N-Nitrosodiphenylamine	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
118-74-1	Hexachlorobenzene	ug/kg	2.1			430	U		450	U		460	U		420	U		480	U	
1912-24-9	Atrazine	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
87-86-5	Pentachlorophenol	ug/kg	560			1100	UJ		1100	UJ		1200	UJ		1100	UJ		1200	UJ	
85-01-8	Phenanthrene	ug/kg	560			2200		A	2200		A	720		A	840		A	89	J	#
120-12-7	Anthracene	ug/kg	220			470		A	490		A	190	J	#	220	J	#	480	U	
86-74-8	Carbazole	ug/kg	N/A			420	J	~	97	J	~	460	UJ		100	J	~	480	UJ	
84-74-2	Di-n-butylphthalate	ug/kg	N/A			430	U		450	U		460	U		420	U		480	U	
206-44-0	Fluoranthene	ug/kg	14280			4000	D	#	2000		#	690		#	1400		#	190	J	#
129-00-0	Pyrene	ug/kg	490			2000	J	A	1400	J	A	1300	J	A	1100	J	A	160	J	#
85-68-7	Benzyl butyl phthalate	ug/kg	N/A			430	U		450	UJ		460	UJ		420	UJ		480	UJ	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	N/A			430	U		0	R		0	R		0	R		0	R	
56-55-3	Benzo(a)anthracene	ug/kg	168			1200		A	710		A	220	J	A	620		A	110	J	#
218-01-9	Chrysene	ug/kg	340			1400		A	1000		A	360	J	A	630		A	130	J	#
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2793			640	U		340	J	#	71	J	#	150	J	#	480	UJ	
117-84-0	Di-n-octylphthalate	ug/kg	N/A			430	UJ		0	R		0	R		0	R		0	R	
205-99-2	Benzo(b)fluoranthene	ug/kg	N/A			1100		~	800		~	240	J	~	540		~	120	J	~
207-08-9	Benzo(k)fluoranthene	ug/kg	240			1200		A	710		A	290	J	A	430		A	88	J	#
50-32-8	Benzo(a)pyrene	ug/kg	18.2			1000		A	380	J	A	250	J	A	440		A	480	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	200			750		A	440	J	A	150	J	#	260	J	A	480	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	60			260	J	A	140	J	A	460	U		92	J	A	480	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	170			630	J	A	49	J	#	460	U		72	J	#	480	U	

304007

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14			SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03			SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03			SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03			SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03		
P/PCBs-s	**Pesticides/PCB Organics**																	
319-84-6	alpha-BHC	ug/kg	6	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
319-85-7	beta-BHC	ug/kg	5	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
319-86-8	delta-BHC	ug/kg	3	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	3	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
76-44-8	Heptachlor	ug/kg	0.0112	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
309-00-2	Aldrin	ug/kg	1.4	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
1024-57-3	Heptachlor Epoxide	ug/kg	0.0112	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
959-98-8	Endosulfan I	ug/kg	0.42	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
60-57-1	Dieldrin	ug/kg	1.4	4.3	U		4.5	U		4.6	U		4.2	U		4.8	U	
72-55-9	4,4'-DDE	ug/kg	0.14	4.3	U		4.5	U		4.6	U		4.2	U		4.8	U	
72-20-8	Endrin	ug/kg	11.2	4.3	U		4.5	U		4.6	U		4.2	U		4.8	U	
33213-65-9	Endosulfan II	ug/kg	N/A	4.3	U		4.5	U		4.6	U		4.2	U		4.8	U	
72-54-8	4,4'-DDD	ug/kg	0.14	4.3	U		4.5	U		4.6	U		4.2	U		4.8	U	
1031-07-8	Endosulfan Sulfate	ug/kg	N/A	4.3	U		4.5	U		4.6	U		4.2	U		4.8	U	
50-29-3	4,4'-DDT	ug/kg	0.14	4.3	U		4.7		A	4.6	U		4.2	U		4.8	U	
72-43-5	Methoxychlor	ug/kg	8.4	22	U		23	U		24	U		22	U		25	U	
53494-70-5	Endrin Ketone	ug/kg	N/A	4.3	U		15		~	4.6	U		4.2	U		4.8	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4.3	U		7.6	NJ	~	4.6	U		4.2	U		4.8	U	
5103-71-9	alpha-Chlordane	ug/kg	0.014	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
5103-74-2	gamma-Chlordane	ug/kg	0.014	2.2	U		2.3	U		2.4	U		2.2	U		2.5	U	
8001-35-2	Toxphene	ug/kg	0.28	220	U		230	U		240	U		220	U		250	U	
12674-11-2	Aroclor-1016	ug/kg	0.0112	43	U		45	U		46	U		42	U		48	U	
11104-28-2	Aroclor-1221	ug/kg	0.0112	87	U		92	U		93	U		85	U		97	U	
11141-16-5	Aroclor-1232	ug/kg	0.0112	43	U		45	U		46	U		42	U		48	U	
53469-21-9	Aroclor-1242	ug/kg	0.0112	43	U		45	U		46	U		42	U		48	U	
12672-29-6	Aroclor-1248	ug/kg	0.0112	43	U		45	U		46	U		42	U		48	U	
11097-69-1	Aroclor-1254	ug/kg	0.0112	43	U		45	U		46	U		220	J	A	280	J	A
11096-82-5	Aroclor-1260	ug/kg	0.0112	43	U		45	U		46	U		42	U		48	U	

304008

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14			SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03			SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03			SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03			SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	N/A			4830	J	~	4220		~	3680		~	4840		~	4600		~
7440-36-0	Antimony	mg/kg	2			1.3	U		0.96	U		0.99	U		1.6	B	#	1	U	
7440-38-2	Arsenic	mg/kg	6			5.4		#	4.2		#	4.2		#	3.7		#	4.6		#
7440-39-3	Barium	mg/kg	N/A			47	B	~	50.2	B	~	20.1	B	~	30	B	~	27.5	B	~
7440-41-7	Beryllium	mg/kg	N/A			0.59	B	~	0.26	B	~	0.36	B	~	0.31	B	~	0.3	B	~
7440-43-9	Cadmium	mg/kg	0.6			0.33	B	#	0.11	U		0.11	U		0.3	B	#	0.49	B	#
7440-70-2	Calcium	mg/kg	N/A			11300	J	~	6890		~	3110		~	20000		~	2390		~
7440-47-3	Chromium	mg/kg	26			12.4	J	#	9.9	J	#	5.8	J	#	14.5	J	#	9.8	J	#
7440-48-4	Cobalt	mg/kg	N/A			5.2	B	~	4.7	B	~	4.3	B	~	4.4	B	~	4.6	B	~
7440-50-8	Copper	mg/kg	16			21.3	J	A	21.5		A	19.5		A	36.6		A	29.4		A
7439-89-6	Iron	mg/kg	2			15200		A	12800		A	12200		A	13500		A	11300		A
7439-92-1	Lead	mg/kg	31			36.9		A	27.9		#	24.6		#	157		A	109		A
7439-95-4	Magnesium	mg/kg	N/A			4030		~	2810		~	1760		~	2960		~	1450		~
7439-96-5	Manganese	mg/kg	460			800	J	A	670		A	87.8		#	157		#	92.6		#
7439-97-6	Mercury	mg/kg	0.15			0.26		A	0.48		A	4.6		A	9		A	6		A
7440-02-0	Nickel	mg/kg	16			11.6		#	10.7		#	10.1	B	#	15		#	12.1		#
7440-09-7	Potassium	mg/kg	N/A			457	B	~	478	BE	~	301	BE	~	373	BE	~	322	BE	~
7782-49-2	Selenium	mg/kg	N/A			1.3	UJ		1.1	U		1.3	BJ	~	1	U		1.2	U	
7440-22-4	Silver	mg/kg	1			0.51	U		0.24	UNJ		0.25	UNJ		0.88	BNJ	#	0.29	BNJ	#
7440-23-5	Sodium	mg/kg	N/A			361	BJ	~	171	B	~	98.8	B	~	144	B	~	122	B	~
7440-28-0	Thallium	mg/kg	N/A			2	U		1.3	U		1.3	U		1.3	U		1.4	U	
7440-62-2	Vanadium	mg/kg	N/A			11.4	B	~	12.3	B	~	10.1	B	~	11.4	B	~	12.2	B	~
7440-66-6	Zinc	mg/kg	120			131	J	A	102		#	72.7		#	249		A	145		A

304009

COMPARISON FLAGS:

A -- Detected sample value is greater that the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDS-14-0-6 10/30/2001 0 to 0.5 ft.BGS SD-14			SDX-03-0-2 11/5/2001 0 to 0.17 ft.BGS SD-03			SDX-03-10-12 11/5/2001 0.83 to 1 ft.BGS SD-03			SDX-03-2-4 11/5/2001 0.17 to 0.33 ft.BGS SD-03			SDX-03-4-6 11/5/2001 0.33 to 0.5 ft.BGS SD-03		
Add-I	**Additional Parameters**																	
7440-23-5	Sodium	MEQ/kg	N/A	1100	ULJ		830		~	560	U		790		~	740		~
GIS-110-012	Total Organic Carbon	mg/kg	N/A	7730	J	~	8820		~	64100		~	29400		~	60000		~
12408-02-5	pH	S.U.	N/A	7.94		~	7.36		~	7.7		~	7.76		~	7.69		~
Extra HG-S	**Extra Mercury Analyses**																	
7439-97-6	Mercury	ug/g	0.15	0.35		A	0.66		A	8.87		A	38.26		A	22.79		A
22967-92-6	Methyl Mercury	ng/g	N/A	0.32		~	1.51		~	5.14		~	9.91		~	9.34		~
Grain-90	**Grain - 6 members**																	
105	<105	%	N/A	8.93		~	59.3		~	29.2		~	24.5		~	40.1		~
105-425	105-425	%	N/A	41.1		~	35.4		~	48.9		~	53.5		~	46		~
425 - 500	425 - 500	%	N/A	2.3		~	1.18		~	1.88		~	1.39		~	1.13		~
500 - 850	500 - 850	%	N/A	5.56		~	2.45		~	5.45		~	3.33		~	2.73		~
850 - 2380	850 - 2380	%	N/A	12.4		~	1.67		~	8.24		~	6.44		~	4.94		~
2380	>2380	%	N/A	29.7		~	0		~	6.31		~	10.9		~	5.03		~

304010

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03				SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03				SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06				SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06				SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06			
VOA-s	**Volatile Organics**																										
75-71-8	Dichlorodifluoromethane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
74-87-3	Chloromethane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
75-01-4	Vinyl Chloride	ug/kg	0.98			11	UJ			15	UJ			11	U			10	U			10	U		
74-83-9	Bromomethane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
75-00-3	Chloroethane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
75-69-4	Trichlorofluoromethane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
75-35-4	1,1-Dichloroethene	ug/kg	0.28			11	UJ			15	UJ			11	U			10	U			10	U		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
67-64-1	Acetone	ug/kg	N/A			11	UJ			22	UJ			110			~	80			~	29	U		
75-15-0	Carbon Disulfide	ug/kg	N/A			11	UJ			15	UJ			14	U			34			~	15			~
79-20-9	Methyl Acetate	ug/kg	N/A			11	UJ			15	UJ			25			~	12			~	9	J		~
75-09-2	Methylene Chloride	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
156-60-5	trans-1,2-Dichloroethene	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
75-34-3	1,1-Dichloroethane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
156-59-2	cis-1,2-Dichloroethene	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
78-93-3	2-Butanone	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
67-66-3	Chloroform	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
71-55-6	1,1,1-Trichloroethane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
110-82-7	Cyclohexane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
56-23-5	Carbon Tetrachloride	ug/kg	8.4			11	UJ			15	UJ			11	U			10	U			10	U		
71-43-2	Benzene	ug/kg	8.4			11	UJ			15	UJ			11	U			10	U			10	U		
107-06-2	1,2-Dichloroethane	ug/kg	9.8			11	UJ			15	UJ			11	U			10	U			10	U		
79-01-6	Trichloroethene	ug/kg	28			11	UJ			15	UJ			11	U			10	U			10	U		
108-87-2	Methylcyclohexane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
78-87-5	1,2-Dichloropropane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
75-27-4	Bromodichloromethane	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
10061-01-5	cis-1,3-Dichloropropene	ug/kg	N/A			11	UJ			15	UJ			11	U			10	U			10	U		
108-10-1	4-Methyl-2-pentanone	ug/kg	N/A			11	UJ			15	UJ			5	J		~	2	J		~	1	J		~

304011

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03	SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03	SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06	SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06	SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06
108-88-3	Toluene	ug/kg	686	11 UJ	15 UJ	1 J #	2 J #	2 J #
10061-02-6	trans-1,3-Dichloropropene	ug/kg	N/A	11 UJ	15 UJ	11 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/kg	8.4	11 UJ	15 UJ	11 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/kg	11.2	11 UJ	15 UJ	11 U	10 U	10 U
591-78-6	2-Hexanone	ug/kg	N/A	11 UJ	15 UJ	11 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/kg	N/A	11 UJ	15 UJ	11 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/kg	N/A	11 UJ	15 UJ	11 U	10 U	10 U
108-90-7	Chlorobenzene	ug/kg	49	11 UJ	15 UJ	11 U	10 U	10 U
100-41-4	Ethylbenzene	ug/kg	336	11 UJ	15 UJ	11 U	10 U	10 U
1330-20-7	Xylenes (total)	ug/kg	1288	11 UJ	15 UJ	11 U	10 U	10 U
100-42-5	Styrene	ug/kg	N/A	11 UJ	15 UJ	11 U	10 U	10 U
75-25-2	Bromoform	ug/kg	N/A	11 UJ	15 UJ	2 J ~	2 J ~	2 J ~
98-82-8	Isopropylbenzene	ug/kg	168	11 UJ	15 UJ	11 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	4.2	11 UJ	15 UJ	11 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/kg	168	11 UJ	15 UJ	11 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/kg	168	11 UJ	15 UJ	11 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/kg	168	11 UJ	15 UJ	11 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	N/A	11 UJ	15 UJ	11 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	1274	11 UJ	15 UJ	11 U	10 U	10 U

304012

COMPARISON FLAGS:
A -- D[redacted] sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Sediment	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03			SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03			SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06			SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06			SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06		
SV-1-s	**SemiVolatile Organics - Page 1**																	
100-52-7	Benzaldehyde	ug/kg	N/A	0	R		0	R		7	J	~	12	J	~	16	J	~
108-95-2	Phenol	ug/kg	8.4	0	R		430	U		420	U		400	U		360	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	0.42	0	R		430	U		420	U		400	U		360	U	
95-57-8	2-Chlorophenol	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
95-48-7	2-Methylphenol	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A	0	R		430	UJ		420	U		400	U		360	U	
98-86-2	Acetophenone	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
106-44-5	4-Methylphenol	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
67-72-1	Hexachloroethene	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
98-95-3	Nitrobenzene	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
78-59-1	Isophorone	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
88-75-5	2-Nitrophenol	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
105-67-9	2,4-Dimethylphenol	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
120-83-2	2,4-Dichlorophenol	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
91-20-3	Naphthalene	ug/kg	420	0	R		430	U		420	U		10	J	#	360	U	
106-47-8	p-Chloroaniline	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	4.2	0	R		430	U		420	U		400	U		360	U	
105-60-2	Caprolactam	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
91-57-6	2-Methylnaphthalene	ug/kg	476	0	R		430	U		420	U		400	U		360	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	61.6	0	R		430	UJ		420	UJ		400	UJ		360	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	N/A	0	R		1100	U		1100	U		1000	U		900	U	
92-52-4	1,1'-Biphenyl	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
91-58-7	2-Chloronaphthalene	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
88-74-4	2-Nitroaniline	ug/kg	N/A	0	R		1100	U		1100	U		1000	U		900	U	
131-11-3	Dimethyl phthalate	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
208-96-8	Acenaphthylene	ug/kg	N/A	0	R		430	U		420	U		41	J	~	360	U	
99-09-2	3-Nitrooaniline	ug/kg	N/A	0	R		1100	UJ		1100	U		1000	U		900	U	
83-32-9	Acenaphthene	ug/kg	1960	0	R		46	J	#	420	U		19	J	#	14	J	#

304013

COMPARISON FLAGS:

A -- Detected sample value is greater that the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03			SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03			SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06			SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06			SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	N/A	0	R		0	R		1100	UJ		1000	UJ		900	UJ	
100-02-7	4-Nitrophenol	ug/kg	N/A	0	R		1100	U		1100	U		1000	U		900	U	
132-64-9	Dibenzofuran	ug/kg	N/A	0	R		430	U		420	U		16	J	~	360	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
84-66-2	Diethyl phthalate	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
86-73-7	Fluorene	ug/kg	112	0	R		62	J	#	420	U		48	J	#	360	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	0	R		1100	UJ		1100	U		1000	U		900	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	0	R		1100	U		1100	UJ		1000	UJ		900	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
118-74-1	Hexachlorobenzene	ug/kg	2.1	0	R		430	U		420	U		400	U		360	U	
1912-24-9	Atrazine	ug/kg	N/A	0	R		430	U		420	U		400	U		360	U	
87-86-5	Pentachlorophenol	ug/kg	560	0	R		1100	UJ		1100	U		1000	U		900	U	
85-01-8	Phenanthrene	ug/kg	560	160	J	#	750		A	88	J	#	420		#	200	J	#
120-12-7	Anthracene	ug/kg	220	0	R		160	J	#	30	J	#	100	J	#	37	J	#
86-74-8	Carbazole	ug/kg	N/A	0	R		88	J	~	12	J	~	35	J	~	33	J	~
84-74-2	Di-n-butylphthalate	ug/kg	N/A	110	J	~	430	U		420	U		400	U		360	U	
206-44-0	Fluoranthene	ug/kg	14280	240	J	#	1200		#	210	J	#	790		#	480		#
129-00-0	Pyrene	ug/kg	490	920	J	A	1000	J	A	160	J	#	650		A	370		#
85-68-7	Benzyl butyl phthalate	ug/kg	N/A	0	R		430	UJ		420	U		400	U		360	U	
91-94-1	3,3'-Dichlorobenzidine	ug/kg	N/A	0	R		0	R		420	U		400	U		360	U	
56-55-3	Benzo(a)anthracene	ug/kg	168	97	J	#	470		A	82	J	#	250	J	A	170	J	A
218-01-9	Chrysene	ug/kg	340	170	J	#	570		A	120	J	#	330	J	#	230	J	#
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2793	63	J	#	530	J	#	420	U		400	U		360	U	
117-84-0	Di-n-octylphthalate	ug/kg	N/A	0	R		0	R		420	U		400	U		50	J	~
205-99-2	Benzo(b)fluoranthene	ug/kg	N/A	130	J	~	570		~	120	J	~	310	J	~	250	J	~
207-08-9	Benzo(k)fluoranthene	ug/kg	240	140	J	#	460		A	110	J	#	260	J	A	200	J	#
50-32-8	Benzo(a)pyrene	ug/kg	18.2	320	J	A	410	J	A	87	J	A	240	J	A	170	J	A
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	200	160	J	#	330	J	A	55	J	#	130	J	#	110	J	#
53-70-3	Dibenzo(a,h)anthracene	ug/kg	60	0	R		88	J	A	420	U		60	J	#	32	J	#
191-24-2	Benzo(g,h,i)perylene	ug/kg	170	0	R		120	J	#	60	J	#	110	J	#	120	J	#

304014

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03	SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03	SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06	SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06	SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06
P/PCBs-s	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/kg	6	2.2 U	2.2 U	2.2 U	2 U	1.8 U
319-85-7	beta-BHC	ug/kg	5	2.2 U	2.2 U	2.2 U	2 U	1.8 U
319-86-8	delta-BHC	ug/kg	3	2.2 U	2.2 U	2.2 U	2 U	1.8 U
58-89-9	gamma-BHC (Lindane)	ug/kg	3	2.2 U	2.2 U	2.2 U	2 U	1.8 U
76-44-8	Heptachlor	ug/kg	0.0112	2.2 U	2.2 U	2.2 U	2 U	1.8 U
309-00-2	Aldrin	ug/kg	1.4	2.2 U	2.2 U	2.2 U	2 U	1.8 U
1024-57-3	Heptachlor Epoxide	ug/kg	0.0112	2.2 U	2.2 U	2.2 U	2 U	1.8 U
959-98-8	Endosulfan I	ug/kg	0.42	2.2 U	2.2 U	2.2 U	2 U	1.8 U
60-57-1	Dieldrin	ug/kg	1.4	4.3 U	4.3 U	4.2 U	4 U	3.6 U
72-55-9	4,4'-DDE	ug/kg	0.14	4.3 U	4.3 U	4.2 U	4 U	3.6 U
72-20-8	Endrin	ug/kg	11.2	4.3 U	4.3 U	4.2 U	4 U	3.6 U
33213-65-9	Endosulfan II	ug/kg	N/A	4.3 U	4.3 U	4.2 U	4 U	3.6 U
72-54-8	4,4'-DDD	ug/kg	0.14	4.3 U	4.3 U	4.2 U	4 U	3.6 U
1031-07-8	Endosulfan Sulfate	ug/kg	N/A	4.3 U	4.3 U	4.2 U	4 U	3.6 U
50-29-3	4,4'-DDT	ug/kg	0.14	4.3 U	4.3 U	4.2 U	4 U	3.6 U
72-43-5	Methoxychlor	ug/kg	8.4	22 U	22 U	22 U	20 U	18 U
53494-70-5	Endrin Ketone	ug/kg	N/A	4.3 U	4.4 ~	4.2 U	4 U	3.6 U
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4.3 U	4.3 U	4.2 U	4 U	3.6 U
5103-71-9	alpha-Chlordane	ug/kg	0.014	2.2 U	2.2 U	2.2 U	2 U	1.8 U
5103-74-2	gamma-Chlordane	ug/kg	0.014	2.2 U	2.2 U	2.2 U	2 U	1.8 U
8001-35-2	Toxphene	ug/kg	0.28	220 U	220 U	220 U	200 U	180 U
12674-11-2	Aroclor-1016	ug/kg	0.0112	43 U	43 U	42 U	40 U	36 U
11104-28-2	Aroclor-1221	ug/kg	0.0112	87 U	88 U	85 U	81 U	73 U
11141-16-5	Aroclor-1232	ug/kg	0.0112	43 U	43 U	42 U	40 U	36 U
53469-21-9	Aroclor-1242	ug/kg	0.0112	43 U	43 U	42 U	40 U	36 U
12672-29-6	Aroclor-1248	ug/kg	0.0112	43 U	43 U	42 U	40 U	36 U
11097-69-1	Aroclor-1254	ug/kg	0.0112	21 J A	43 U	42 U	40 U	36 U
11096-82-5	Aroclor-1260	ug/kg	0.0112	43 U	43 U	42 U	40 U	36 U

304015

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03			SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03			SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06			SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06			SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06		
Inorg-s	**Inorganic Analytes**																	
7429-90-5	Aluminum	mg/kg	N/A	4130		~	4180		~	6650	J	~	3530	J	~	3100	J	~
7440-36-0	Antimony	mg/kg	2	0.94	U		0.9	U		1.3	U		1.3	U		1.2	U	
7440-38-2	Arsenic	mg/kg	6	2.8		#	5.1		#	4.5		#	2.2	B	#	2	B	#
7440-39-3	Barium	mg/kg	N/A	26.3	B	~	29.3	B	~	29.5	B	~	17.2	B	~	16.9	B	~
7440-41-7	Beryllium	mg/kg	N/A	0.25	B	~	0.31	B	~	0.92	B	~	0.61	B	~	0.68	B	~
7440-43-9	Cadmium	mg/kg	0.6	0.1	U		0.23	B	#	0.26	U		0.26	U		0.23	U	
7440-70-2	Calcium	mg/kg	N/A	4680		~	6980		~	1970	J	~	4560	J	~	3440	J	~
7440-47-3	Chromium	mg/kg	26	10.5	J	#	12.3	J	#	8.9	J	#	7	J	#	5.7	J	#
7440-48-4	Cobalt	mg/kg	N/A	4.1	B	~	5.1	B	~	6.8	B	~	3.5	B	~	2.8	B	~
7440-50-8	Copper	mg/kg	16	19.7		A	28.4		A	14.7	J	#	7.8	J	#	6.5	J	#
7439-89-6	Iron	mg/kg	2	11600		A	12500		A	16600		A	10300		A	9310		A
7439-92-1	Lead	mg/kg	31	22.8		#	41.7		A	3.5		#	8.8		#	8.2		#
7439-95-4	Magnesium	mg/kg	N/A	2370		~	2870		~	2200		~	1710		~	1490		~
7439-96-5	Manganese	mg/kg	460	179		#	147		#	565	J	A	167	J	#	125	J	#
7439-97-6	Mercury	mg/kg	0.15	8.1		A	7.6		A	0.07	B	#	0.19		A	0.13		#
7440-02-0	Nickel	mg/kg	16	10.3	B	#	15.2		#	12.1		#	7.1	B	#	6.3	B	#
7440-09-7	Potassium	mg/kg	N/A	392	BE	~	430	BE	~	488	B	~	383	B	~	251	B	~
7782-49-2	Selenium	mg/kg	N/A	1.1	U		1	U		1.3	UJ		1.3	UJ		1.2	UJ	
7440-22-4	Silver	mg/kg	1	1.2	BNJ	A	1.4	BNJ	A	0.53	U		0.53	U		0.46	U	
7440-23-5	Sodium	mg/kg	N/A	109	B	~	144	B	~	227	BJ	~	238	BJ	~	237	BJ	~
7440-28-0	Thallium	mg/kg	N/A	1.3	U		1.2	U		2.1	U		2.1	U		2	B	~
7440-62-2	Vanadium	mg/kg	N/A	10.5	B	~	13.7		~	14.5		~	10.5	B	~	9.2	B	~
7440-66-6	Zinc	mg/kg	120	118		#	132		A	40.9	J	#	45.6	J	#	45.8	J	#

304016

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDX-03-6-8 11/5/2001 0.5 to 0.67 ft.BGS SD-03		SDX-03-8-10 11/5/2001 0.67 to 0.83 ft.BGS SD-03		SDX-06-0-2 11/1/2001 0 to 0.17 ft.BGS SD-06		SDX-06-10-12 11/1/2001 0.83 to 1 ft.BGS SD-06		SDX-06-2-4 11/1/2001 0.17 to 0.33 ft.BGS SD-06	
Add-I	**Additional Parameters**												
7440-23-5	Sodium	MEQ/kg	N/A	560	~	900	~	0 R		0 R		0 R	
GIS-110-012	Total Organic Carbon	mg/kg	N/A	13500	~	41700	~	2260	~	7700	~	8380	~
12408-02-5	pH	S.U.	N/A	7.59	~	7.73	~	7.28	~	7.53	~	7.2	~
Extra HG-S	**Extra Mercury Analyses**												
7439-97-6	Mercury	ug/g	0.15	9.87	A	26.03	A	0.05	#	0.21	A	0.17	A
22967-92-6	Methyl Mercury	ng/g	N/A	12.61	~	8.28	~	0.16	~	0.89	~	1.17	~
Grain-90	**Grain - 6 members**												
105	<105	%	N/A	30.4	~	27.2	~	72.3	~	32.4	~	21.6	~
105-425	105-425	%	N/A	54.6	~	46.7	~	14.6	~	62.9	~	70.2	~
425 - 500	425 - 500	%	N/A	1.44	~	1.66	~	1.42	~	1.2	~	2.29	~
500 - 850	500 - 850	%	N/A	3.27	~	4.07	~	4.98	~	2.02	~	4.07	~
850 - 2380	850 - 2380	%	N/A	4.25	~	6.78	~	6.18	~	1.36	~	1.72	~
2380	>2380	%	N/A	6.05	~	13.5	~	0.44	~	0.06	~	0.2	~

304017

COMPARISON FLAGS:
A – Detected sample value is greater that the screening criterion.
– Detected sample value does not exceed the screening criterion.
~ – Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06			SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06			SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06		
VOA-s	**Volatile Organics**													
75-71-8	Dichlorodifluoromethane	ug/kg	N/A			11	U		10	U		11	U	
74-87-3	Chloromethane	ug/kg	N/A			11	U		10	U		11	U	
75-01-4	Vinyl Chloride	ug/kg	0.98			11	U		10	U		11	U	
74-83-9	Bromomethane	ug/kg	N/A			11	U		10	U		11	U	
75-00-3	Chloroethane	ug/kg	N/A			11	U		10	U		11	U	
75-69-4	Trichlorofluoromethane	ug/kg	N/A			11	U		10	U		11	U	
75-35-4	1,1-Dichloroethene	ug/kg	0.28			11	U		10	U		11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	N/A			11	U		10	U		11	U	
67-64-1	Acetone	ug/kg	N/A			58		~	58		~	59		~
75-15-0	Carbon Disulfide	ug/kg	N/A			26		~	20		~	22		~
79-20-9	Methyl Acetate	ug/kg	N/A			26		~	25		~	17		~
75-09-2	Methylene Chloride	ug/kg	N/A			11	U		10	U		11	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	N/A			11	U		10	U		11	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	N/A			11	U		10	U		11	U	
75-34-3	1,1-Dichloroethane	ug/kg	N/A			11	U		10	U		11	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	N/A			11	U		10	U		11	U	
78-93-3	2-Butanone	ug/kg	N/A			11	U		10	U		11	U	
67-66-3	Chloroform	ug/kg	N/A			11	U		10	U		11	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	N/A			11	U		10	U		11	U	
110-82-7	Cyclohexane	ug/kg	N/A			11	U		10	U		11	U	
56-23-5	Carbon Tetrachloride	ug/kg	8.4			11	U		10	U		11	U	
71-43-2	Benzene	ug/kg	8.4			11	U		10	U		11	U	
107-06-2	1,2-Dichloroethane	ug/kg	9.8			11	U		10	U		11	U	
79-01-6	Trichloroethene	ug/kg	28			11	U		10	U		11	U	
108-87-2	Methylcyclohexane	ug/kg	N/A			11	U		10	U		11	U	
78-87-5	1,2-Dichloropropane	ug/kg	N/A			11	U		10	U		11	U	
75-27-4	Bromodichloromethane	ug/kg	N/A			11	U		10	U		11	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	N/A			11	U		10	U		11	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	N/A			2	J	~	3	J	~	2	J	~

304018

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06			SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06			SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06		
108-88-3	Toluene	ug/kg	686			3	J	#	2	J	#	2	J	#
10061-02-6	trans-1,3-Dichloropropene	ug/kg	N/A			11	U		10	U		11	U	
79-00-5	1,1,2-Trichloroethane	ug/kg	8.4			11	U		10	U		11	U	
127-18-4	Tetrachloroethene	ug/kg	11.2			11	U		10	U		11	U	
591-78-6	2-Hexanone	ug/kg	N/A			11	U		10	U		11	U	
124-48-1	Dibromochloromethane	ug/kg	N/A			11	U		10	U		11	U	
106-93-4	1,2-Dibromoethane	ug/kg	N/A			11	U		10	U		11	U	
108-90-7	Chlorobenzene	ug/kg	49			11	U		10	U		11	U	
100-41-4	Ethylbenzene	ug/kg	336			11	U		10	U		11	U	
1330-20-7	Xylenes (total)	ug/kg	1288			11	U		10	U		11	U	
100-42-5	Styrene	ug/kg	N/A			11	U		10	U		11	U	
75-25-2	Bromoform	ug/kg	N/A			2	J	~	1	J	~	2	J	~
98-82-8	Isopropylbenzene	ug/kg	168			11	U		10	U		11	U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	4.2			11	U		10	U		11	U	
541-73-1	1,3-Dichlorobenzene	ug/kg	168			11	U		10	U		11	U	
106-46-7	1,4-Dichlorobenzene	ug/kg	168			11	U		10	U		11	U	
95-50-1	1,2-Dichlorobenzene	ug/kg	168			11	U		10	U		11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	N/A			11	U		10	U		11	U	
120-82-1	1,2,4-Trichlorobenzene	ug/kg	1274			11	U		10	U		11	U	

304019

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06			SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06			SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06		
SV-1-s	**SemiVolatile Organics - Page 1**													
100-52-7	Benzaldehyde	ug/kg	N/A			12	J	~	15	J	~	17	J	~
108-95-2	Phenol	ug/kg	8.4			400	U		400	U		390	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	0.42			400	U		400	U		390	U	
95-57-8	2-Chlorophenol	ug/kg	N/A			400	U		400	U		390	U	
95-48-7	2-Methylphenol	ug/kg	N/A			400	U		400	U		390	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A			400	U		400	U		390	U	
98-86-2	Acetophenone	ug/kg	N/A			400	U		400	U		390	U	
106-44-5	4-Methylphenol	ug/kg	N/A			400	U		400	U		390	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	N/A			400	U		400	U		390	U	
67-72-1	Hexachloroethene	ug/kg	N/A			400	U		400	U		390	U	
98-95-3	Nitrobenzene	ug/kg	N/A			400	U		400	U		390	U	
78-59-1	Isophorone	ug/kg	N/A			400	U		400	U		390	U	
88-75-5	2-Nitrophenol	ug/kg	N/A			400	U		400	U		390	U	
105-67-9	2,4-Dimethylphenol	ug/kg	N/A			400	U		400	U		390	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A			400	U		400	U		390	U	
120-83-2	2,4-Dichlorophenol	ug/kg	N/A			400	U		400	U		390	U	
91-20-3	Naphthalene	ug/kg	420			400	U		400	U		390	U	
106-47-8	p-Chloroaniline	ug/kg	N/A			400	U		400	U		390	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	4.2			400	U		400	U		390	U	
105-60-2	Caprolactam	ug/kg	N/A			400	U		400	U		390	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A			400	U		400	U		390	U	
91-57-6	2-Methylnaphthalene	ug/kg	476			13	J	#	400	U		390	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	61.6			400	UJ		400	UJ		390	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/kg	N/A			400	U		400	U		390	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	N/A			1000	U		1000	U		990	U	
92-52-4	1,1'-Biphenyl	ug/kg	N/A			400	U		400	U		390	U	
91-58-7	2-Chloronaphthalene	ug/kg	N/A			400	U		400	U		390	U	
88-74-4	2-Nitroaniline	ug/kg	N/A			1000	U		1000	U		990	U	
131-11-3	Dimethyl phthalate	ug/kg	N/A			400	U		400	U		390	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	N/A			400	U		400	U		390	U	
208-96-8	Acenaphthylene	ug/kg	N/A			11	J	~	11	J	~	11	J	~
99-09-2	3-Nitroaniline	ug/kg	N/A			1000	U		1000	U		990	U	
83-32-9	Acenaphthene	ug/kg	1960			40	J	#	400	U		33	J	#

304020

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06			SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06			SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06		
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	N/A	1000	UJ		1000	UJ		990	UJ	
100-02-7	4-Nitrophenol	ug/kg	N/A	1000	U		1000	U		990	U	
132-64-9	Dibenzofuran	ug/kg	N/A	25	J	~	400	U		21	J	~
121-14-2	2,4-Dinitrotoluene	ug/kg	N/A	400	U		400	U		390	U	
84-66-2	Diethyl phthalate	ug/kg	N/A	400	U		400	U		390	U	
86-73-7	Fluorene	ug/kg	112	50	J	#	14	J	#	52	J	#
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	400	U		400	U		390	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	1000	U		1000	U		990	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1000	UJ		1000	UJ		990	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	N/A	400	U		400	U		390	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	400	U		400	U		390	U	
118-74-1	Hexachlorobenzene	ug/kg	2.1	400	U		400	U		390	U	
1912-24-9	Atrazine	ug/kg	N/A	400	U		400	U		390	U	
87-86-5	Pentachlorophenol	ug/kg	560	1000	U		1000	U		990	U	
85-01-8	Phenanthrene	ug/kg	560	470		#	140	J	#	540		#
120-12-7	Anthracene	ug/kg	220	120	J	#	29	J	#	93	J	#
86-74-8	Carbazole	ug/kg	N/A	65	J	~	24	J	~	81	J	~
84-74-2	Di-n-butylphthalate	ug/kg	N/A	400	U		400	U		390	U	
206-44-0	Fluoranthene	ug/kg	14280	1100		#	490		#	1000		#
129-00-0	Pyrene	ug/kg	490	830		A	390	J	#	840		A
85-68-7	Benzyl butyl phthalate	ug/kg	N/A	13	J	~	20	J	~	18	J	~
91-94-1	3,3`-Dichlorobenzidine	ug/kg	N/A	400	U		400	U		390	U	
56-55-3	Benzo(a)anthracene	ug/kg	168	340	J	A	160	J	#	390	J	A
218-01-9	Chrysene	ug/kg	340	460		A	250	J	#	490		A
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2793	400	U		530	U		390	U	
117-84-0	Di-n-octylphthalate	ug/kg	N/A	56	J	~	76	J	~	52	J	~
205-99-2	Benzo(b)fluoranthene	ug/kg	N/A	500		~	240	J	~	490		~
207-08-9	Benzo(k)fluoranthene	ug/kg	240	380	J	A	300	J	A	470		A
50-32-8	Benzo(a)pyrene	ug/kg	18.2	350	J	A	190	J	A	360	J	A
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	200	190	J	#	130	J	#	230	J	A
53-70-3	Dibenzo(a,h)anthracene	ug/kg	60	52	J	#	35	J	#	100	J	A
191-24-2	Benzo(g,h,i)perylene	ug/kg	170	170	J	#	120	J	#	210	J	A

304021

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06		SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06		SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06	
P/PCBs-s	**Pesticides/PCB Organics**								
319-84-6	alpha-BHC	ug/kg	6	2	U	2.1	U	2	U
319-85-7	beta-BHC	ug/kg	5	2	U	2.1	U	2	U
319-86-8	delta-BHC	ug/kg	3	2	U	2.1	U	2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	3	2	U	2.1	U	2	U
76-44-8	Heptachlor	ug/kg	0.0112	2	U	2.1	U	2	U
309-00-2	Aldrin	ug/kg	1.4	2	U	2.1	U	2	U
1024-57-3	Heptachlor Epoxide	ug/kg	0.0112	2	U	2.1	U	2	U
959-98-8	Endosulfan I	ug/kg	0.42	2	U	2.1	U	2	U
60-57-1	Dieldrin	ug/kg	1.4	4	U	4	U	3.9	U
72-55-9	4,4'-DDE	ug/kg	0.14	4	U	4	U	3.9	U
72-20-8	Endrin	ug/kg	11.2	4	U	4	U	3.9	U
33213-65-9	Endosulfan II	ug/kg	N/A	4	U	4	U	3.9	U
72-54-8	4,4'-DDD	ug/kg	0.14	4	U	4	U	3.9	U
1031-07-8	Endosulfan Sulfate	ug/kg	N/A	4	U	4	U	3.9	U
50-29-3	4,4'-DDT	ug/kg	0.14	4	U	4	U	3.9	U
72-43-5	Methoxychlor	ug/kg	8.4	20	U	21	U	20	U
53494-70-5	Endrin Ketone	ug/kg	N/A	4	U	4	U	3.9	U
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4	U	4	U	3.9	U
5103-71-9	alpha-Chlordane	ug/kg	0.014	2	U	2.1	U	2	U
5103-74-2	gamma-Chlordane	ug/kg	0.014	2	U	2.1	U	2	U
8001-35-2	Toxphene	ug/kg	0.28	200	U	210	U	200	U
12674-11-2	Aroclor-1016	ug/kg	0.0112	40	U	40	U	39	U
11104-28-2	Aroclor-1221	ug/kg	0.0112	81	U	82	U	80	U
11141-16-5	Aroclor-1232	ug/kg	0.0112	40	U	40	U	39	U
53469-21-9	Aroclor-1242	ug/kg	0.0112	40	U	40	U	39	U
12672-29-6	Aroclor-1248	ug/kg	0.0112	40	U	40	U	39	U
11097-69-1	Aroclor-1254	ug/kg	0.0112	40	U	40	U	39	U
11096-82-5	Aroclor-1260	ug/kg	0.0112	40	U	40	U	39	U

304022

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06			SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06			SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06		
Inorg-s	**Inorganic Analytes**													
7429-90-5	Aluminum	mg/kg	N/A			3960	J	~	3250	J	~	3000	J	~
7440-36-0	Antimony	mg/kg	2			1.2	U		1.2	U		1.3	U	
7440-38-2	Arsenic	mg/kg	6			2.6		#	2.3	B	#	1.8	B	#
7440-39-3	Barium	mg/kg	N/A			21.1	B	~	16.2	B	~	15.6	B	~
7440-41-7	Beryllium	mg/kg	N/A			0.73	B	~	0.71	B	~	0.72	B	~
7440-43-9	Cadmium	mg/kg	0.6			0.25	U		0.25	U		0.25	U	
7440-70-2	Calcium	mg/kg	N/A			3310	J	~	3200	J	~	3790	J	~
7440-47-3	Chromium	mg/kg	26			7.1	J	#	6.2	J	#	5.8	J	#
7440-48-4	Cobalt	mg/kg	N/A			3.4	B	~	3	B	~	2.8	B	~
7440-50-8	Copper	mg/kg	16			7.4	J	#	6.2	J	#	8.8	J	#
7439-89-6	Iron	mg/kg	2			10300		A	9210		A	8670		A
7439-92-1	Lead	mg/kg	31			10.7		#	8.8		#	8.8		#
7439-95-4	Magnesium	mg/kg	N/A			1650		~	1490		~	1390		~
7439-96-5	Manganese	mg/kg	460			104	J	#	119	J	#	109	J	#
7439-97-6	Mercury	mg/kg	0.15			0.13		#	0.14		#	0.16		A
7440-02-0	Nickel	mg/kg	16			7.6	B	#	6.4	B	#	5.9	B	#
7440-09-7	Potassium	mg/kg	N/A			220	B	~	314	B	~	247	B	~
7782-49-2	Selenium	mg/kg	N/A			1.2	UJ		1.2	UJ		1.3	UJ	
7440-22-4	Silver	mg/kg	1			0.49	U		0.49	U		0.5	U	
7440-23-5	Sodium	mg/kg	N/A			259	BJ	~	117	BJ	~	225	BJ	~
7440-28-0	Thallium	mg/kg	N/A			2.6		~	2	U		2	U	
7440-62-2	Vanadium	mg/kg	N/A			10.8	B	~	9.6	B	~	8.8	B	~
7440-66-6	Zinc	mg/kg	120			47.9	J	#	47	J	#	46.9	J	#

304023

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDX-06-4-6 11/1/2001 0.33 to 0.5 ft.BGS SD-06		SDX-06-6-8 11/1/2001 0.5 to 0.67 ft.BGS SD-06		SDX-06-8-10 11/1/2001 0.67 to 0.83 ft.BGS SD-06	
Add-I	**Additional Parameters**								
7440-23-5	Sodium	MEQ/kg	N/A	0	R	0	R	0	R
GIS-110-012	Total Organic Carbon	mg/kg	N/A	7600	~	6200	~	19800	~
12408-02-5	pH	S.U.	N/A	7.37	~	7.28	~	7.33	~
Extra HG-S	**Extra Mercury Analyses**								
7439-97-6	Mercury	ug/g	0.15	0.27	A	0.22	A	0.17	A
22967-92-6	Methyl Mercury	ng/g	N/A	0.92	~	1.6	~	1.06	~
Grain-90	**Grain - 6 members**								
105	<105	%	N/A	19.5	~	21.1	~	16.7	~
105-425	105-425	%	N/A	76.3	~	74.3	~	78.9	~
425 - 500	425 - 500	%	N/A	1.27	~	1.46	~	1.38	~
500 - 850	500 - 850	%	N/A	1.78	~	1.94	~	1.69	~
850 - 2380	850 - 2380	%	N/A	0.92	~	1.17	~	1.05	~
2380	>2380	%	N/A	0.25	~	0	~	0.25	~

304024

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Table 4

Catch Basin Surface Water Sample Results

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-01 11/12/2001 CB-1	SWC-02 11/12/2001 CB-2	SWC-03 11/13/2001 CB-3	SWC-03-D 11/13/2001 CB-3
VOA-w	**Volatile Organics**						
75-71-8	Dichlorodifluoromethane	ug/l	5	10 UJ	10 U	100 UJ	100 UJ
74-87-3	Chloromethane	ug/l	5	10 UJ	10 U	100 U	100 U
75-01-4	Vinyl Chloride	ug/l	0.3	10 UJ	10 U	100 U	100 U
74-83-9	Bromomethane	ug/l	5	10 UJ	10 U	100 U	100 U
75-00-3	Chloroethane	ug/l	5	10 UJ	10 U	100 U	100 U
75-69-4	Trichlorofluoromethane	ug/l	5	10 UJ	10 U	100 U	100 U
75-35-4	1,1-Dichloroethene	ug/l	0.7	10 UJ	10 U	100 U	100 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5	10 UJ	10 U	100 U	100 U
67-64-1	Acetone	ug/l	50	45 UJ	48 UJ	100 UJ	100 UJ
75-15-0	Carbon Disulfide	ug/l	60	10 UJ	10 U	100 U	100 U
79-20-9	Methyl Acetate	ug/l	N/A	10 UJ	10 U	100 U	100 U
75-09-2	Methylene Chloride	ug/l	5	10 UJ	10 U	100 U	100 U
156-60-5	trans-1,2-Dichloroethene	ug/l	5	10 UJ	10 U	100 U	100 U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	10 UJ	10 UJ	100 UJ	100 UJ
75-34-3	1,1-Dichloroethane	ug/l	5	10 UJ	10 U	100 U	100 U
156-59-2	cis-1,2-Dichloroethene	ug/l	5	10 UJ	10 U	100 U	100 U
78-93-3	2-Butanone	ug/l	50	10 UJ	10 UJ	100 U	100 U
67-66-3	Chloroform	ug/l	7	10 UJ	10 U	100 U	100 U
71-55-6	1,1,1-Trichloroethane	ug/l	5	10 UJ	10 U	100 U	100 U
110-82-7	Cyclohexane	ug/l	N/A	10 UJ	10 UJ	100 UJ	100 UJ
56-23-5	Carbon Tetrachloride	ug/l	0.4	10 UJ	10 U	100 U	100 U
71-43-2	Benzene	ug/l	1	10 UJ	10 U	100 U	100 U
107-06-2	1,2-Dichloroethane	ug/l	0.6	10 UJ	10 U	100 U	100 U
79-01-6	Trichloroethene	ug/l	5	10 UJ	10 U	100 U	100 U
108-87-2	Methylcyclohexane	ug/l	N/A	10 UJ	10 U	100 U	100 U
78-87-5	1,2-Dichloropropane	ug/l	1	10 UJ	10 U	100 U	100 U
75-27-4	Bromodichloromethane	ug/l	50	10 UJ	10 U	100 U	100 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4	10 UJ	10 U	100 U	100 U
108-10-1	4-Methyl-2-pentanone	ug/l	N/A	10 UJ	10 UJ	100 UJ	100 UJ

304026

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-01 11/12/2001 CB-1	SWC-02 11/12/2001 CB-2	SWC-03 11/13/2001 CB-3	SWC-03-D 11/13/2001 CB-3
108-88-3	Toluene	ug/l	5	10 UJ	10 U	100 U	100 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4	10 UJ	10 U	100 U	100 U
79-00-5	1,1,2-Trichloroethane	ug/l	1	10 UJ	10 U	100 U	100 U
127-18-4	Tetrachloroethene	ug/l	0.7	10 UJ	10 U	100 U	100 U
591-78-6	2-Hexanone	ug/l	50	10 UJ	10 UJ	100 U	100 U
124-48-1	Dibromochloromethane	ug/l	50	10 UJ	10 U	100 U	100 U
106-93-4	1,2-Dibromoethane	ug/l	0.0006	10 UJ	10 U	100 U	100 U
108-90-7	Chlorobenzene	ug/l	5	10 UJ	10 U	100 U	100 U
100-41-4	Ethylbenzene	ug/l	5	10 UJ	10 U	100 U	100 U
1330-20-7	Xylenes (total)	ug/l	5	10 UJ	10 U	100 U	100 U
100-42-5	Styrene	ug/l	5	10 UJ	10 U	100 U	100 U
75-25-2	Bromoform	ug/l	50	10 UJ	10 U	100 U	100 U
98-82-8	Isopropylbenzene	ug/l	5	10 UJ	10 U	100 U	100 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.2	10 UJ	10 U	100 U	100 U
541-73-1	1,3-Dichlorobenzene	ug/l	3	10 UJ	10 U	100 U	100 U
106-46-7	1,4-Dichlorobenzene	ug/l	3	10 UJ	10 U	100 U	100 U
95-50-1	1,2-Dichlorobenzene	ug/l	3	10 UJ	10 U	100 U	100 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04	10 UJ	10 UJ	100 U	100 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	5	10 UJ	10 U	100 U	100 U

304027

COMPARISON FLAGS:
A -- D[redacted]d sample value is greater that the screening criterion.
-- D[redacted]J sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-01 11/12/2001 CB-1			SWC-02 11/12/2001 CB-2			SWC-03 11/13/2001 CB-3			SWC-03-D 11/13/2001 CB-3		
SV-1-w	**SemiVolatile Organics - Page 1**														
100-52-7	Benzaldehyde	ug/l	N/A	0	R		0	R		4	J	~	5	J	~
108-95-2	Phenol	ug/l	1	10	U		10	U		200	D	A	210	D	A
111-44-4	bis(2-Chloroethyl)ether	ug/l	0.03	10	U		10	U		10	U		10	U	
95-57-8	2-Chlorophenol	ug/l	1	10	U		10	U		10	U		10	U	
95-48-7	2-Methylphenol	ug/l	1	10	U		10	U		79		A	79		A
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	10	UJ		10	UJ		10	UJ		10	UJ	
98-86-2	Acetophenone	ug/l	N/A	10	U		10	U		10	U		10	U	
106-44-5	4-Methylphenol	ug/l	1	10	U		10	U		10	U		10	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/l	N/A	10	U		10	U		10	U		10	U	
67-72-1	Hexachloroethene	ug/l	0.6	10	UJ		10	UJ		10	UJ		10	UJ	
98-95-3	Nitrobenzene	ug/l	0.4	10	U		10	U		10	U		10	U	
78-59-1	Isophorone	ug/l	50	10	U		10	U		10	U		10	U	
88-75-5	2-Nitrophenol	ug/l	1	10	U		10	U		10	U		10	U	
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U		10	U		10	U		10	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	10	U		10	U		10	U		10	U	
120-83-2	2,4-Dichlorophenol	ug/l	0.3	10	U		10	U		10	U		10	U	
91-20-3	Naphthalene	ug/l	10	10	U		10	U		10	U		10	U	
106-47-8	p-Chloroaniline	ug/l	5	10	U		10	U		10	U		10	U	
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.01	10	U		10	U		10	U		10	U	
105-60-2	Caprolactam	ug/l	N/A	10	U		10	U		10	U		10	U	
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U		10	U		10	U		13		A
91-57-6	2-Methylnaphthalene	ug/l	N/A	10	U		10	U		10	U		10	U	
77-47-4	Hexachlorocyclopentadiene	ug/l	5	10	U		10	U		10	U		10	U	
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U		10	U		10	U		10	U	
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U		25	U		25	U		25	U	
92-52-4	1,1'-Biphenyl	ug/l	5	10	U		10	U		10	U		10	U	
91-58-7	2-Chloronaphthalene	ug/l	10	10	U		10	U		10	U		10	U	
88-74-4	2-Nitroaniline	ug/l	5	25	U		25	U		25	U		25	U	
131-11-3	Dimethyl phthalate	ug/l	50	10	U		10	U		10	U		10	U	
606-20-2	2,6-Dinitrotoluene	ug/l	0.07	10	U		10	U		10	U		10	U	
208-96-8	Acenaphthylene	ug/l	N/A	10	U		10	U		10	U		10	U	
99-09-2	3-Nitrooaniline	ug/l	5	25	UJ		25	UJ		25	UJ		25	UJ	
83-32-9	Acenaphthene	ug/l	20	10	U		10	U		10	U		10	U	

304028

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-01 11/12/2001 CB-1			SWC-02 11/12/2001 CB-2			SWC-03 11/13/2001 CB-3			SWC-03-D 11/13/2001 CB-3		
SV-2-w	**SemiVolatile Organics - Page 2**														
51-28-5	2,4-Dinitrophenol	ug/l	10	0	R		0	R		0	R		0	R	
100-02-7	4-Nitrophenol	ug/l	1	25	U		25	U		25	U		25	U	
132-64-9	Dibenzofuran	ug/l	N/A	10	U		10	U		10	U		10	U	
121-14-2	2,4-Dinitrotoluene	ug/l	5	10	U		10	U		10	U		10	U	
84-66-2	Diethyl phthalate	ug/l	50	10	U		10	U		10	U		10	U	
86-73-7	Fluorene	ug/l	0.54	10	U		10	U		10	U		10	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	N/A	10	U		10	U		10	U		10	U	
100-01-6	P-Nitroaniline	ug/l	5	25	UJ		25	UJ		25	UJ		25	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	UJ		25	UJ		25	UJ		25	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/l	50	10	U		10	U		10	U		10	U	
101-55-3	4-Bromophenyl phenyl ether	ug/l	N/A	10	U		10	U		10	U		10	U	
118-74-1	Hexachlorobenzene	ug/l	0.00003	10	U		10	U		10	U		10	U	
1912-24-9	Atrazine	ug/l	3	10	U		10	U		10	U		10	U	
87-86-5	Pentachlorophenol	ug/l	1	25	UJ		25	UJ		25	UJ		25	UJ	
85-01-8	Phenanthrene	ug/l	50	10	U		10	U		10	U		10	U	
120-12-7	Anthracene	ug/l	50	10	U		10	U		10	U		10	U	
86-74-8	Carbazole	ug/l	N/A	10	UJ		10	UJ		10	UJ		10	UJ	
84-74-2	Di-n-butylphthalate	ug/l	50	10	U		10	U		10	U		1	J	#
206-44-0	Fluoranthene	ug/l	50	10	U		10	U		10	U		10	U	
129-00-0	Pyrene	ug/l	50	10	U		10	U		10	U		10	U	
85-68-7	Benzyl butyl phthalate	ug/l	50	10	UJ		10	UJ		10	UJ		10	UJ	
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	10	UJ		10	UJ		10	UJ		10	UJ	
56-55-3	Benzo(a)anthracene	ug/l	0.002	10	U		10	U		10	U		10	U	
218-01-9	Chrysene	ug/l	0.002	10	U		10	U		10	U		10	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	10	UJ		6	J	A	3	J	#	3	J	#
117-84-0	Di-n-octylphthalate	ug/l	50	10	UJ		10	UJ		10	UJ		10	UJ	
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	10	U		10	U		10	U		10	U	
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	10	U		10	U		10	U		10	U	
50-32-8	Benzo(a)pyrene	ug/l	0.0012	10	U		10	U		10	U		10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	10	U		10	U		10	U		10	U	
53-70-3	Dibenzo(a,h)anthracene	ug/l	N/A	10	U		10	U		10	U		10	U	
191-24-2	Benzo(g,h,i)perylene	ug/l	N/A	10	U		10	U		10	U		10	U	

304029

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-01 11/12/2001 CB-1			SWC-02 11/12/2001 CB-2			SWC-03 11/13/2001 CB-3			SWC-03-D 11/13/2001 CB-3		
P/PCBs-w	**Pesticides/PCB Organics**														
319-84-6	alpha-BHC	ug/l	0.002	0.05	U		0.05	U		0.05	UJ		0.05	U	
319-85-7	beta-BHC	ug/l	0.007	0.05	U		0.05	U		0.05	UJ		0.18	J	A
319-86-8	delta-BHC	ug/l	0.008	0.05	U		0.05	U		0.056	NJ	A	0.05	U	
58-89-9	gamma-BHC (Lindane)	ug/l	0.008	0.05	U		0.05	U		0.05	UJ		0.06	NJ	A
76-44-8	Heptachlor	ug/l	0.0002	0.05	U		0.05	U		0.05	UJ		0.05	U	
309-00-2	Aldrin	ug/l	0.001	0.05	U		0.05	U		0.05	UJ		0.05	U	
1024-57-3	Heptachlor Epoxide	ug/l	0.0003	0.05	U		0.05	U		0.05	UJ		0.05	U	
959-98-8	Endosulfan I	ug/l	N/A	0.05	U		0.05	U		0.05	UJ		0.05	U	
60-57-1	Dieldrin	ug/l	6E-07	0.1	U		0.1	U		0.1	UJ		0.1	U	
72-55-9	4,4'-DDE	ug/l	0.000007	0.1	U		0.1	U		0.1	UJ		0.1	U	
72-20-8	Endrin	ug/l	0.002	0.1	U		0.1	U		0.1	UJ		0.1	U	
33213-65-9	Endosulfan II	ug/l	N/A	0.1	U		0.1	U		0.1	UJ		0.1	U	
72-54-8	4,4'-DDD	ug/l	0.00008	0.1	U		0.1	U		0.1	UJ		0.1	U	
1031-07-8	Endosulfan Sulfate	ug/l	N/A	0.1	U		0.1	U		0.1	UJ		0.1	U	
50-29-3	4,4'-DDT	ug/l	0.00001	0.1	U		0.1	U		0.1	UJ		0.1	U	
72-43-5	Methoxychlor	ug/l	35	0.5	U		0.5	U		0.5	UJ		0.5	U	
53494-70-5	Endrin Ketone	ug/l	5	0.1	U		0.1	U		0.1	UJ		0.1	U	
7421-93-4	Endrin Aldehyde	ug/l	5	0.1	U		0.1	U		0.1	UJ		0.1	U	
5103-71-9	alpha-Chlordane	ug/l	N/A	0.05	U		0.05	U		0.05	UJ		0.05	U	
5103-74-2	gamma-Chlordane	ug/l	N/A	0.05	U		0.05	U		0.05	UJ		0.05	U	
8001-35-2	Toxphene	ug/l	0.000006	5	U		5	U		5	UJ		5	U	
12674-11-2	Aroclor-1016	ug/l	0.000001	1	U		1	U		1	UJ		1	U	
11104-28-2	Aroclor-1221	ug/l	0.000001	2	U		2	U		2	UJ		2	U	
11141-16-5	Aroclor-1232	ug/l	0.000001	1	U		1	U		1	UJ		1	U	
53469-21-9	Aroclor-1242	ug/l	0.000001	1	U		1	U		1	UJ		1	U	
12672-29-6	Aroclor-1248	ug/l	0.000001	1	U		1	U		1	UJ		1	U	
11097-69-1	Aroclor-1254	ug/l	0.000001	1	U		1	U		1	UJ		1	U	
11096-82-5	Aroclor-1260	ug/l	0.000001	1	U		1	U		1	UJ		1	U	

304030

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water				SWC-01 11/12/2001 CB-1			SWC-02 11/12/2001 CB-2			SWC-03 11/13/2001 CB-3			SWC-03-D 11/13/2001 CB-3		
Inorg-w	**Inorganic Analytes**																	
7429-90-5	Aluminum	ug/l	N/A				951	EJ	~	563	EJ	~	862	EJ	~	870	EJ	~
7440-36-0	Antimony	ug/l	3				3.6	U		3.6	U		3.6	U		3.6	U	
7440-38-2	Arsenic	ug/l	50				4.3	B	#	3.9	B	#	7.8	B	#	4.2	B	#
7440-39-3	Barium	ug/l	1000				191	B	#	131	B	#	199	B	#	208		#
7440-41-7	Beryllium	ug/l	3				1.1	B	#	1.2	B	#	0.3	U		1.2	B	#
7440-43-9	Cadmium	ug/l	2.7				4.9	B	A	1.5	B	#	0.4	U		0.4	U	
7440-70-2	Calcium	ug/l	N/A				64600		~	45300		~	91100		~	87500		~
7440-47-3	Chromium	ug/l	50				5.4	B	#	1.9	B	#	4.2	B	#	4.3	B	#
7440-48-4	Cobalt	ug/l	N/A				1.6	B	~	1.5	U		1.8	B	~	1.5	B	~
7440-50-8	Copper	ug/l	200				93	EJ	#	37.1	EJ	#	27	J	#	33.3	J	#
7439-89-6	Iron	ug/l	N/A				5630		~	10300		~	53000		~	50300		~
7439-92-1	Lead	ug/l	50				29.8	*J	#	12.9	*J	#	12.1	J	#	21.3	J	#
7439-95-4	Magnesium	ug/l	35000				4920	B	#	2310	B	#	8720		#	8450		#
7439-96-5	Manganese	ug/l	300				249	*	#	144	*	#	1320		A	1270		A
7439-97-6	Mercury	ug/l	0.7				36.8		A	20.7		A	2.7		A	2.4		A
7440-02-0	Nickel	ug/l	100				16	B	#	16.5	B	#	28.4	B	#	12.8	B	#
7440-09-7	Potassium	ug/l	N/A				36100	EJ	~	30500	EJ	~	57400	EJ	~	54300	EJ	~
7782-49-2	Selenium	ug/l	10				4.1	UJ		4.1	UJ		4.1	U		4.1	U	
7440-22-4	Silver	ug/l	50				43.5		#	9.6	B	#	8.1	B	#	4.6	B	#
7440-23-5	Sodium	ug/l	N/A				57800		~	40600		~	31300		~	29700		~
7440-28-0	Thallium	ug/l	0.5				4.9	U		4.9	U		9.1	BJ	A	5.4	BJ	A
7440-62-2	Vanadium	ug/l	N/A				4.2	B	~	3.4	B	~	8.6	B	~	8.2	B	~
7440-66-6	Zinc	ug/l	2000				304	*	#	226	*	#	584		#	592		#
Extra HG-W	**Extra Mercury Analyses**																	
7439-97-6	Mercury	ug/l	0.7				38.5		A	13.8		A	1.35		A	2.17		A
22967-92-6	Methyl Mercury	ng/l	N/A				69.74		~	10.14		~	3.32		~	4.59		~
WetChem-GW	**Wet Chemistry for Groundwater Samples**																	
GIS-210-003	Hardness as CaC03	mg/l	N/A				180		~	120		~	270		~	300		~
GIS-210-010	Total Dissolved Solids	mg/l	500				450		#	300		#	710		A	730		A
GIS-210-009	Total Suspended Solids	mg/l	N/A				1200		~	120		~	160		~	180		~
14808-79-8	Sulfate (as SO4)	mg/l	250				12.1		#	11.7		#	105		#	115		#
GIS-110-012	Total Organic Carbon	mg/l	N/A										350		~	340		~

3040031

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-04 11/14/2001 CB-4	SWC-05 11/14/2001 CB-5	SWC-06 11/15/2001 CB-outfall
VOA-w	**Volatile Organics**					
75-71-8	Dichlorodifluoromethane	ug/l	5	10 UJ	10 UJ	10 UJ
74-87-3	Chloromethane	ug/l	5	10 U	10 U	10 U
75-01-4	Vinyl Chloride	ug/l	0.3	10 U	10 U	10 U
74-83-9	Bromomethane	ug/l	5	10 U	10 U	10 U
75-00-3	Chloroethane	ug/l	5	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	ug/l	5	10 U	10 U	10 UJ
75-35-4	1,1-Dichloroethene	ug/l	0.7	10 U	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5	10 U	10 U	10 U
67-64-1	Acetone	ug/l	50	14 UJ	10 UJ	10 U
75-15-0	Carbon Disulfide	ug/l	60	10 U	10 U	10 U
79-20-9	Methyl Acetate	ug/l	N/A	10 U	10 U	10 U
75-09-2	Methylene Chloride	ug/l	5	10 U	10 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/l	5	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	10	10 UJ	10 UJ	10 UJ
75-34-3	1,1-Dichloroethane	ug/l	5	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/l	5	10 U	10 U	10 U
78-93-3	2-Butanone	ug/l	50	10 U	10 U	10 U
67-66-3	Chloroform	ug/l	7	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/l	5	10 U	10 U	10 U
110-82-7	Cyclohexane	ug/l	N/A	10 UJ	10 UJ	10 U
56-23-5	Carbon Tetrachloride	ug/l	0.4	10 U	10 U	10 U
71-43-2	Benzene	ug/l	1	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/l	0.6	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/l	5	10 U	10 U	10 U
108-87-2	Methylcyclohexane	ug/l	N/A	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/l	1	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/l	50	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	0.4	10 U	10 U	10 UJ
108-10-1	4-Methyl-2-pentanone	ug/l	N/A	10 UJ	10 UJ	10 UJ

304032

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water			SWC-04 11/14/2001 CB-4			SWC-05 11/14/2001 CB-5			SWC-06 11/15/2001 CB-outfall		
108-88-3	Toluene	ug/l	5			10	U		10	U		10	U	
10061-02-6	trans-1,3-Dichloropropene	ug/l	0.4			10	U		10	U		10	UJ	
79-00-5	1,1,2-Trichloroethane	ug/l	1			10	U		10	U		10	U	
127-18-4	Tetrachloroethene	ug/l	0.7			10	U		10	U		10	U	
591-78-6	2-Hexanone	ug/l	50			10	U		10	U		10	U	
124-48-1	Dibromochloromethane	ug/l	50			10	U		10	U		10	U	
106-93-4	1,2-Dibromoethane	ug/l	0.0006			10	U		10	U		10	U	
108-90-7	Chlorobenzene	ug/l	5			10	U		10	U		10	U	
100-41-4	Ethylbenzene	ug/l	5			10	U		10	U		10	U	
1330-20-7	Xylenes (total)	ug/l	5			10	U		10	U		10	U	
100-42-5	Styrene	ug/l	5			10	U		10	U		10	U	
75-25-2	Bromoform	ug/l	50			10	U		10	U		10	U	
98-82-8	Isopropylbenzene	ug/l	5			10	U		10	U		10	U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.2			10	U		10	U		10	U	
541-73-1	1,3-Dichlorobenzene	ug/l	3			10	U		10	U		10	U	
106-46-7	1,4-Dichlorobenzene	ug/l	3			10	U		10	U		10	U	
95-50-1	1,2-Dichlorobenzene	ug/l	3			10	U		10	U		10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.04			10	U		10	U		10	U	
120-82-1	1,2,4-Trichlorobenzene	ug/l	5			10	U		10	U		10	U	

3040033

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-04 11/14/2001 CB-4		SWC-05 11/14/2001 CB-5		SWC-06 11/15/2001 CB-outfall	
SV-1-w	**SemiVolatile Organics - Page 1**								
100-52-7	Benzaldehyde	ug/l	N/A	0	R	0	R	0	R
108-95-2	Phenol	ug/l	1	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	ug/l	0.03	10	U	10	U	10	U
95-57-8	2-Chlorophenol	ug/l	1	10	U	10	U	10	U
95-48-7	2-Methylphenol	ug/l	1	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	5	10	UJ	10	UJ	10	UJ
98-86-2	Acetophenone	ug/l	N/A	10	U	10	U	10	U
106-44-5	4-Methylphenol	ug/l	1	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	N/A	10	U	10	U	10	U
67-72-1	Hexachloroethene	ug/l	0.6	10	U	10	U	10	U
98-95-3	Nitrobenzene	ug/l	0.4	10	U	10	U	10	U
78-59-1	Isophorone	ug/l	50	10	U	10	U	10	U
88-75-5	2-Nitrophenol	ug/l	1	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	ug/l	50	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	5	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	ug/l	0.3	10	U	10	U	10	U
91-20-3	Naphthalene	ug/l	10	10	U	10	U	10	U
106-47-8	p-Chloroaniline	ug/l	5	10	U	10	U	10	U
87-68-3	Hexachloro-1,3-butadiene	ug/l	0.01	10	U	10	U	10	U
105-60-2	Caprolactam	ug/l	N/A	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	ug/l	1	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	ug/l	N/A	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	ug/l	5	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	ug/l	1	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	ug/l	1	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	ug/l	5	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	ug/l	10	10	U	10	U	10	U
88-74-4	2-Nitroaniline	ug/l	5	25	UJ	25	UJ	25	UJ
131-11-3	Dimethyl phthalate	ug/l	50	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	ug/l	0.07	10	U	10	U	10	U
208-96-8	Acenaphthylene	ug/l	N/A	10	U	10	U	10	U
99-09-2	3-Nitrooaniline	ug/l	5	25	UJ	25	UJ	25	UJ
83-32-9	Acenaphthene	ug/l	20	10	U	10	U	10	U

304034

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-04 11/14/2001 CB-4			SWC-05 11/14/2001 CB-5			SWC-06 11/15/2001 CB-outfall		
SV-2-w	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/l	10	0	R		0	R		0	R	
100-02-7	4-Nitrophenol	ug/l	1	25	U		25	U		25	U	
132-64-9	Dibenzofuran	ug/l	N/A	10	U		10	U		10	U	
121-14-2	2,4-Dinitrotoluene	ug/l	5	10	UJ		10	UJ		10	UJ	
84-66-2	Diethyl phthalate	ug/l	50	10	U		10	U		10	U	
86-73-7	Fluorene	ug/l	0.54	10	U		10	U		10	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/l	N/A	10	U		10	U		10	U	
100-01-6	P-Nitroaniline	ug/l	5	25	UJ		25	UJ		25	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	1	25	UJ		25	UJ		25	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/l	50	10	U		10	U		10	U	
101-55-3	4-Bromophenyl phenyl ether	ug/l	N/A	10	U		10	U		10	U	
118-74-1	Hexachlorobenzene	ug/l	0.00003	10	U		10	U		10	U	
1912-24-9	Atrazine	ug/l	3	10	U		10	U		10	U	
87-86-5	Pentachlorophenol	ug/l	1	25	UJ		25	UJ		25	UJ	
85-01-8	Phenanthrene	ug/l	50	10	U		10	U		10	U	
120-12-7	Anthracene	ug/l	50	10	U		10	U		10	U	
86-74-8	Carbazole	ug/l	N/A	10	UJ		10	UJ		10	UJ	
84-74-2	Di-n-butylphthalate	ug/l	50	1	J	#	1	J	#	10	U	
206-44-0	Fluoranthene	ug/l	50	10	U		10	U		10	U	
129-00-0	Pyrene	ug/l	50	10	U		10	U		10	U	
85-68-7	Benzyl butyl phthalate	ug/l	50	1	J	#	10	U		10	U	
91-94-1	3,3`-Dichlorobenzidine	ug/l	5	10	UJ		10	UJ		10	UJ	
56-55-3	Benzo(a)anthracene	ug/l	0.002	10	U		10	U		10	U	
218-01-9	Chrysene	ug/l	0.002	10	U		10	U		10	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	5	10	U		10	U		10	U	
117-84-0	Di-n-octylphthalate	ug/l	50	10	UJ		10	UJ		10	UJ	
205-99-2	Benzo(b)fluoranthene	ug/l	0.002	10	U		10	U		10	U	
207-08-9	Benzo(k)fluoranthene	ug/l	0.002	10	U		10	U		10	U	
50-32-8	Benzo(a)pyrene	ug/l	0.0012	10	U		10	U		10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	0.002	10	U		10	U		10	U	
53-70-3	Dibenzo(a,h)anthracene	ug/l	N/A	10	U		10	U		10	U	
191-24-2	Benzo(g,h,i)perylene	ug/l	N/A	10	U		10	U		10	U	

304035

COMPARISON FLAGS:
A – Detected sample value is greater that the screening criterion.
– Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-04 11/14/2001 CB-4		SWC-05 11/14/2001 CB-5		SWC-06 11/15/2001 CB-outfall	
P/PCBs-w	**Pesticides/PCB Organics**								
319-84-6	alpha-BHC	ug/l	0.002	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	ug/l	0.007	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	ug/l	0.008	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	ug/l	0.008	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	ug/l	0.0002	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	ug/l	0.001	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor Epoxide	ug/l	0.0003	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	ug/l	N/A	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	ug/l	6E-07	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	ug/l	0.000007	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	ug/l	0.002	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	ug/l	N/A	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	ug/l	0.00008	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan Sulfate	ug/l	N/A	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	ug/l	0.00001	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	ug/l	35	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin Ketone	ug/l	5	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin Aldehyde	ug/l	5	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	ug/l	N/A	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	ug/l	N/A	0.05	U	0.05	U	0.05	U
8001-35-2	Toxphene	ug/l	0.000006	5	U	5	U	5	U
12674-11-2	Aroclor-1016	ug/l	0.000001	1	U	1	U	1	U
11104-28-2	Aroclor-1221	ug/l	0.000001	2	U	2	U	2	U
11141-16-5	Aroclor-1232	ug/l	0.000001	1	U	1	U	1	U
53469-21-9	Aroclor-1242	ug/l	0.000001	1	U	1	U	1	U
12672-29-6	Aroclor-1248	ug/l	0.000001	1	U	1	U	1	U
11097-69-1	Aroclor-1254	ug/l	0.000001	1	U	1	U	1	U
11096-82-5	Aroclor-1260	ug/l	0.000001	1	U	1	U	1	U

304036

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Surface Water	SWC-04 11/14/2001 CB-4			SWC-05 11/14/2001 CB-5			SWC-06 11/15/2001 CB-outfall		
Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	ug/l	N/A	127	BE	~	394	EJ	~	725	EJ	~
7440-36-0	Antimony	ug/l	3	3.6	U		5.8	B	A	3.6	U	
7440-38-2	Arsenic	ug/l	50	3.2	U		14.1		#	10.1		#
7440-39-3	Barium	ug/l	1000	86.7	B	#	105	B	#	223		#
7440-41-7	Beryllium	ug/l	3	0.3	U		0.3	U		0.3	U	
7440-43-9	Cadmium	ug/l	2.7	0.46	B	#	0.88	B	#	0.4	U	
7440-70-2	Calcium	ug/l	N/A	43100		~	43600		~	144000		~
7440-47-3	Chromium	ug/l	50	0.6	U		2.4	B	#	1.3	B	#
7440-48-4	Cobalt	ug/l	N/A	1.5	U		1.5	U		1.5	U	
7440-50-8	Copper	ug/l	200	9	B	#	14.2	B	#	13.2	B	#
7439-89-6	Iron	ug/l	N/A	4170		~	9610		~	9790		~
7439-92-1	Lead	ug/l	50	2.8	BJ	#	11.4	J	#	11.1	J	#
7439-95-4	Magnesium	ug/l	35000	2180	B	#	2350	B	#	22900		#
7439-96-5	Manganese	ug/l	300	259		#	318		A	267		#
7439-97-6	Mercury	ug/l	0.7	5.3		A	7.9		A	5.9		A
7440-02-0	Nickel	ug/l	100	11.9	B	#	19.8	B	#	12.6	B	#
7440-09-7	Potassium	ug/l	N/A	22200	EJ	~	27900	EJ	~	40400	EJ	~
7782-49-2	Selenium	ug/l	10	4.1	U		6.8		#	4.1	U	
7440-22-4	Silver	ug/l	50	2.1	B	#	2.7	B	#	1.1	B	#
7440-23-5	Sodium	ug/l	N/A	33100		~	60700		~	226000		~
7440-28-0	Thallium	ug/l	0.5	7.9	BJ	A	5.7	BJ	A	7.3	BJ	A
7440-62-2	Vanadium	ug/l	N/A	3.7	B	~	8.6	B	~	7	B	~
7440-66-6	Zinc	ug/l	2000	103		#	196		#	135		#
Extra HG-W	**Extra Mercury Analyses**											
7439-97-6	Mercury	ug/l	0.7	3.92		A	0.75		A	0.13		#
22967-92-6	Methyl Mercury	ng/l	N/A	158.3		~	131		~	6.31		~
WetChem-GW	**Wet Chemistry for Groundwater Samples**											
GIS-210-003	Hardness as CaC03	mg/l	N/A	180		~	200		~	160		~
GIS-210-010	Total Dissolved Solids	mg/l	500	260		#	500		#	1100		A
GIS-210-009	Total Suspended Solids	mg/l	N/A	18		~	50		~	76		~
14808-79-8	Sulfate (as SO4)	mg/l	250	14.7		#	26.2		#	60.2		#
GIS-110-012	Total Organic Carbon	mg/l	N/A	16		~	22		~	4.7		~

304037

COMPARISON FLAGS:
A -- D[redacted]l sample value is greater that the screening criterion.
-- D[redacted]l sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Table 5

Catch Basin Sediment Sample Results

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1			SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3	SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall
VOA-s	**Volatile Organics**							
75-71-8	Dichlorodifluoromethane	ug/kg	N/A	35	U		metals	mercury
74-87-3	Chloromethane	ug/kg	N/A	35	U		analysis	analysis
75-01-4	Vinyl Chloride	ug/kg	0.98	35	U		only	only
74-83-9	Bromomethane	ug/kg	N/A	35	U			
75-00-3	Chloroethane	ug/kg	N/A	35	U			
75-69-4	Trichlorofluoromethane	ug/kg	N/A	35	U			
75-35-4	1,1-Dichloroethene	ug/kg	0.28	35	U			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	N/A	35	U			
67-64-1	Acetone	ug/kg	N/A	110	UJ			
75-15-0	Carbon Disulfide	ug/kg	N/A	9	J	~		
79-20-9	Methyl Acetate	ug/kg	N/A	35	U			
75-09-2	Methylene Chloride	ug/kg	N/A	35	U			
156-60-5	trans-1,2-Dichloroethene	ug/kg	N/A	35	U			
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	N/A	35	U			
75-34-3	1,1-Dichloroethane	ug/kg	N/A	35	U			
156-59-2	cis-1,2-Dichloroethene	ug/kg	N/A	35	U			
78-93-3	2-Butanone	ug/kg	N/A	37		~		
67-66-3	Chloroform	ug/kg	N/A	35	U			
71-55-6	1,1,1-Trichloroethane	ug/kg	N/A	35	U			
110-82-7	Cyclohexane	ug/kg	N/A	35	U			
56-23-5	Carbon Tetrachloride	ug/kg	8.4	35	U			
71-43-2	Benzene	ug/kg	8.4	10	J	A		
107-06-2	1,2-Dichloroethane	ug/kg	9.8	35	U			
79-01-6	Trichloroethene	ug/kg	28	35	U			
108-87-2	Methylcyclohexane	ug/kg	N/A	35	U			
78-87-5	1,2-Dichloropropane	ug/kg	N/A	35	U			
75-27-4	Bromodichloromethane	ug/kg	N/A	35	U			
10061-01-5	cis-1,3-Dichloropropene	ug/kg	N/A	35	U			
108-10-1	4-Methyl-2-pentanone	ug/kg	N/A	35	U			
108-88-3	Toluene	ug/kg	686	17	J	#		
10061-02-6	trans-1,3-Dichloropropene	ug/kg	N/A	35	U			

304039

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1			SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3			SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall		
79-00-5	1,1,2-Trichloroethane	ug/kg	8.4			35	U							
127-18-4	Tetrachloroethene	ug/kg	11.2			35	U		metals			mercury		
591-78-6	2-Hexanone	ug/kg	N/A			35	U		analysis			analysis		
124-48-1	Dibromochloromethane	ug/kg	N/A			35	U		only			only		
106-93-4	1,2-Dibromoethane	ug/kg	N/A			35	U							
108-90-7	Chlorobenzene	ug/kg	49			35	UJ							
100-41-4	Ethylbenzene	ug/kg	336			41	J	#						
1330-20-7	Xylenes (total)	ug/kg	1288			130	J	#						
100-42-5	Styrene	ug/kg	N/A			35	UJ							
75-25-2	Bromoform	ug/kg	N/A			35	U							
98-82-8	Isopropylbenzene	ug/kg	168			8	J	#						
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	4.2			35	U							
541-73-1	1,3-Dichlorobenzene	ug/kg	168			35	UJ							
106-46-7	1,4-Dichlorobenzene	ug/kg	168			35	UJ							
95-50-1	1,2-Dichlorobenzene	ug/kg	168			35	UJ							
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	N/A			35	U							
120-82-1	1,2,4-Trichlorobenzene	ug/kg	1274			35	UJ							

304040

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment			SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1			SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3			SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall		
SV-1-s	**SemiVolatile Organics - Page 1**													
100-52-7	Benzaldehyde	ug/kg	N/A			180	J	~	metals			mercury		
108-95-2	Phenol	ug/kg	8.4			800	UJ		analysis			analysis		
111-44-4	bis(2-Chloroethyl)ether	ug/kg	0.42			800	UJ		only			only		
95-57-8	2-Chlorophenol	ug/kg	N/A			800	UJ							
95-48-7	2-Methylphenol	ug/kg	N/A			800	UJ							
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A			800	UJ							
98-86-2	Acetophenone	ug/kg	N/A			800	UJ							
106-44-5	4-Methylphenol	ug/kg	N/A			800	UJ							
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	N/A			800	UJ							
67-72-1	Hexachloroethene	ug/kg	N/A			800	UJ							
98-95-3	Nitrobenzene	ug/kg	N/A			800	UJ							
78-59-1	Isophorone	ug/kg	N/A			800	UJ							
88-75-5	2-Nitrophenol	ug/kg	N/A			800	UJ							
105-67-9	2,4-Dimethylphenol	ug/kg	N/A			800	UJ							
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A			800	UJ							
120-83-2	2,4-Dichlorophenol	ug/kg	N/A			800	UJ							
91-20-3	Naphthalene	ug/kg	420			200	J	#						
106-47-8	p-Chloroaniline	ug/kg	N/A			800	UJ							
87-68-3	Hexachloro-1,3-butadiene	ug/kg	4.2			800	UJ							
105-60-2	Caprolactam	ug/kg	N/A			550	J	~						
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A			800	UJ							
91-57-6	2-Methylnaphthalene	ug/kg	476			110	J	#						
77-47-4	Hexachlorocyclopentadiene	ug/kg	61.6			800	UJ							
88-06-2	2,4,6-Trichlorophenol	ug/kg	N/A			800	UJ							
95-95-4	2,4,5-Trichlorophenol	ug/kg	N/A			2000	UJ							
92-52-4	1,1'-Biphenyl	ug/kg	N/A			85	J	~						
91-58-7	2-Chloronaphthalene	ug/kg	N/A			800	UJ							
88-74-4	2-Nitroaniline	ug/kg	N/A			2000	UJ							
131-11-3	Dimethyl phthalate	ug/kg	N/A			800	UJ							
606-20-2	2,6-Dinitrotoluene	ug/kg	N/A			800	UJ							
208-96-8	Acenaphthylene	ug/kg	N/A			800	UJ							
99-09-2	3-Nitrooaniline	ug/kg	N/A			2000	UJ							
83-32-9	Acenaphthene	ug/kg	1960			800	UJ							

304041

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1			SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3			SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall		
SV-2-s	**SemiVolatile Organics - Page 2**											
51-28-5	2,4-Dinitrophenol	ug/kg	N/A	2000	UJ		metals			mercury		
100-02-7	4-Nitrophenol	ug/kg	N/A	2000	UJ		analysis			analysis		
132-64-9	Dibenzofuran	ug/kg	N/A	800	UJ		only			only		
121-14-2	2,4-Dinitrotoluene	ug/kg	N/A	800	UJ							
84-66-2	Diethyl phthalate	ug/kg	N/A	800	UJ							
86-73-7	Fluorene	ug/kg	112	800	UJ							
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	800	UJ							
100-01-6	P-Nitroaniline	ug/kg	N/A	2000	UJ							
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	2000	UJ							
86-30-6	N-Nitrosodiphenylamine	ug/kg	N/A	800	UJ							
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	800	UJ							
118-74-1	Hexachlorobenzene	ug/kg	2.1	800	UJ							
1912-24-9	Atrazine	ug/kg	N/A	800	UJ							
87-86-5	Pentachlorophenol	ug/kg	560	2000	UJ							
85-01-8	Phenanthrene	ug/kg	560	670	J	A						
120-12-7	Anthracene	ug/kg	220	800	UJ							
86-74-8	Carbazole	ug/kg	N/A	89	J	~						
84-74-2	Di-n-butylphthalate	ug/kg	N/A	150	J	~						
206-44-0	Fluoranthene	ug/kg	14280	810	J	#						
129-00-0	Pyrene	ug/kg	490	1200	J	A						
85-68-7	Benzyl butyl phthalate	ug/kg	N/A	150	J	~						
91-94-1	3,3`-Dichlorobenzidine	ug/kg	N/A	800	UJ							
56-55-3	Benzo(a)anthracene	ug/kg	168	460	J	A						
218-01-9	Chrysene	ug/kg	340	810	J	A						
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2793	2900	J	A						
117-84-0	Di-n-octylphthalate	ug/kg	N/A	800	UJ							
205-99-2	Benzo(b)fluoranthene	ug/kg	N/A	900	J	~						
207-08-9	Benzo(k)fluoranthene	ug/kg	240	460	J	A						
50-32-8	Benzo(a)pyrene	ug/kg	18.2	460	J	A						
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	200	410	J	A						
53-70-3	Dibenzo(a,h)anthracene	ug/kg	60	120	J	A						
191-24-2	Benzo(g,h,i)perylene	ug/kg	170	200	J	A						

304042

COMPARISON FLAGS:
A – Detected sample value is greater that the screening criterion.
– Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1			SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3	SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall
P/PCBs-s	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/kg	6	6.4	J	A	metals	mercury
319-85-7	beta-BHC	ug/kg	5	0	R		analysis	analysis
319-86-8	delta-BHC	ug/kg	3	0	R		only	only
58-89-9	gamma-BHC (Lindane)	ug/kg	3	0	R			
76-44-8	Heptachlor	ug/kg	0.0112	0	R			
309-00-2	Aldrin	ug/kg	1.4	23	J	A		
1024-57-3	Heptachlor Epoxide	ug/kg	0.0112	11	NJ	A		
959-98-8	Endosulfan I	ug/kg	0.42	16	J	A		
60-57-1	Dieldrin	ug/kg	1.4	0	R			
72-55-9	4,4'-DDE	ug/kg	0.14	39	J	A		
72-20-8	Endrin	ug/kg	11.2	15	J	A		
33213-65-9	Endosulfan II	ug/kg	N/A	0	R			
72-54-8	4,4'-DDD	ug/kg	0.14	28	J	A		
1031-07-8	Endosulfan Sulfate	ug/kg	N/A	0	R			
50-29-3	4,4'-DDT	ug/kg	0.14	0	R			
72-43-5	Methoxychlor	ug/kg	8.4	0	R			
53494-70-5	Endrin Ketone	ug/kg	N/A	140	DJ	~		
7421-93-4	Endrin Aldehyde	ug/kg	N/A	130	DJ	~		
5103-71-9	alpha-Chlordane	ug/kg	0.014	22	J	A		
5103-74-2	gamma-Chlordane	ug/kg	0.014	0	R			
8001-35-2	Toxphene	ug/kg	0.28	0	R			
12674-11-2	Aroclor-1016	ug/kg	0.0112	0	R			
11104-28-2	Aroclor-1221	ug/kg	0.0112	0	R			
11141-16-5	Aroclor-1232	ug/kg	0.0112	0	R			
53469-21-9	Aroclor-1242	ug/kg	0.0112	0	R			
12672-29-6	Aroclor-1248	ug/kg	0.0112	0	R			
11097-69-1	Aroclor-1254	ug/kg	0.0112	0	R			
11096-82-5	Aroclor-1260	ug/kg	0.0112	0	R			

304043

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Sediment	SDC-01 11/12/2001 0 to 0.5 ft.BGS CB-1			SDC-03 11/13/2001 0 to 0.5 ft.BGS CB-3			SDC-06 11/15/2001 0 to 0.5 ft.BGS CB-outfall		
Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	mg/kg	N/A	5670	J	~	2600	J	~			
7440-36-0	Antimony	mg/kg	2	34	BJ	A	2.9	UJ		mercury		
7440-38-2	Arsenic	mg/kg	6	9	J	A	2.8	BJ	#	analysis		
7440-39-3	Barium	mg/kg	N/A	162	J	~	129	BJ	~	only		
7440-41-7	Beryllium	mg/kg	N/A	0.54	BJ	~	0.86	BJ	~			
7440-43-9	Cadmium	mg/kg	0.6	47.4	J	A	1.6	BJ	A			
7440-70-2	Calcium	mg/kg	N/A	21400	J	~	6890	J	~			
7440-47-3	Chromium	mg/kg	26	86.4	*J	A	12.6	J	#			
7440-48-4	Cobalt	mg/kg	N/A	9.2	BJ	~	1.2	UJ				
7440-50-8	Copper	mg/kg	16	533	J	A	57.6	EJ	A			
7439-89-6	Iron	mg/kg	2	31200	J	A	6820	J	A			
7439-92-1	Lead	mg/kg	31	345	J	A	35.9	J	A			
7439-95-4	Magnesium	mg/kg	N/A	8300	J	~	2170	BJ	~			
7439-96-5	Manganese	mg/kg	460	537	J	A	0	R				
7439-97-6	Mercury	mg/kg	0.15	152	J	A	0	R				
7440-02-0	Nickel	mg/kg	16	105	EJ	A	13	BEJ	#			
7440-09-7	Potassium	mg/kg	N/A	1090	BEJ	~	652	BEJ	~			
7782-49-2	Selenium	mg/kg	N/A	4.6	J	~	3.3	UJ				
7440-22-4	Silver	mg/kg	1	550	NJ	A	14.8	J	A			
7440-23-5	Sodium	mg/kg	N/A	516	BJ	~	389	BJ	~			
7440-28-0	Thallium	mg/kg	N/A	5.6	BJ	~	3.9	UJ				
7440-62-2	Vanadium	mg/kg	N/A	24:1	BJ	~	15.5	BJ	~			
7440-66-6	Zinc	mg/kg	120	2490	J	A	1090	J	A			
Add-I	**Additional Parameters**											
7440-23-5	Sodium	MEQ/kg	N/A	1100		~	metals			mercury		
GIS-110-012	Total Organic Carbon	mg/kg	N/A	82900		~	analysis			analysis		
12408-02-5	pH	S.U.	N/A	6.55		~	only			only		
Extra HG-S	**Extra Mercury Analyses**											
7439-97-6	Mercury	ug/g	0.15	218.86		A	12.24		A	13.48		A
22967-92-6	Methyl Mercury	ng/g	N/A	263.53		~	61.56		~	136.19		~

304044

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Table 6

Surface Soil Sample Results

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01			SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02			SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03			SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04			SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	9400			11	U		11	U		12	U		12	U		11	U	
74-87-3	Chloromethane	ug/kg	1200			11	U		3	J	#	12	U		12	U		11	U	
75-01-4	Vinyl Chloride	ug/kg	120			11	UJ		11	UJ		12	UJ		12	UJ		11	UJ	
74-83-9	Bromomethane	ug/kg	390			11	U		11	U		2	J	#	12	U		11	U	
75-00-3	Chloroethane	ug/kg	1900			11	UJ		11	UJ		12	UJ		12	UJ		11	UJ	
75-69-4	Trichlorofluoromethane	ug/kg	10000			2	J	#	11	U		12	U		12	U		11	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			11	U		11	U		12	U		12	U		11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			11	U		11	U		12	U		12	U		11	U	
67-64-1	Acetone	ug/kg	110			59	UJ		60	UJ		74	UJ		130	UJ		98	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700			11	U		11	U		1	J	#	12	U		11	U	
79-20-9	Methyl Acetate	ug/kg	10000			11	UJ		11	UJ		12	UJ		12	UJ		11	UJ	
75-09-2	Methylene Chloride	ug/kg	100			11	U		11	U		12	U		12	U		11	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			11	U		11	U		12	U		12	U		11	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			11	U		11	U		12	U		12	U		11	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			11	U		11	U		12	U		12	U		11	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			11	U		11	U		12	U		12	U		11	U	
78-93-3	2-Butanone	ug/kg	300			11	U		5	J	#	3	J	#	7	J	#	6	J	#
67-66-3	Chloroform	ug/kg	40			11	U		11	U		12	U		12	U		11	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			11	U		11	U		12	U		12	U		11	U	
110-82-7	Cyclohexane	ug/kg	10000			11	U		11	U		12	U		12	U		11	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			11	U		11	U		12	U		12	U		11	U	
71-43-2	Benzene	ug/kg	60			11	U		11	U		12	U		12	U		11	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			11	U		11	U		12	U		12	U		11	U	
79-01-6	Trichloroethene	ug/kg	700			11	U		11	U		12	U		12	U		11	U	
108-87-2	Methylcyclohexane	ug/kg	10000			11	U		11	U		12	U		12	U		11	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			11	U		11	U		12	U		12	U		11	U	
75-27-4	Bromodichloromethane	ug/kg	1000			11	U		11	U		12	U		12	U		11	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			11	U		11	U		12	U		12	U		11	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			11	U		11	U		12	U		12	U		11	U	

304046

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01		SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02		SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03		SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04		SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04	
108-88-3	Toluene	ug/kg	1500	11	U	11	U	12	U	12	U	11	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	11	U	11	U	12	U	12	U	11	U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	11	U	11	U	12	U	12	U	11	U
127-18-4	Tetrachloroethene	ug/kg	1400	11	U	11	U	12	U	12	U	11	U
591-78-6	2-Hexanone	ug/kg	10000	11	U	11	U	12	U	12	U	11	U
124-48-1	Dibromochloromethane	ug/kg	1100	11	U	11	U	12	U	12	U	11	U
106-93-4	1,2-Dibromoethane	ug/kg	10	11	U	11	U	12	U	12	U	11	U
108-90-7	Chlorobenzene	ug/kg	1700	11	U	11	U	12	U	12	U	11	U
100-41-4	Ethylbenzene	ug/kg	5500	11	U	11	U	12	U	12	U	11	U
1330-20-7	Xylenes (total)	ug/kg	1200	11	U	11	U	12	U	12	U	11	U
100-42-5	Styrene	ug/kg	10000	11	U	11	U	12	U	12	U	11	U
75-25-2	Bromoform	ug/kg	10000	11	U	11	U	12	U	12	U	11	U
98-82-8	Isopropylbenzene	ug/kg	10000	11	U	11	U	12	U	12	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	11	U	11	U	12	U	12	U	11	U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	11	U	11	U	12	U	12	U	11	U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	11	U	11	U	12	U	12	U	11	U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	11	U	11	U	12	U	12	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	11	U	11	U	12	U	12	U	11	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	11	U	11	U	12	U	12	U	11	U

304047

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01			SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02			SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03			SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04			SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04		
SV-1-s	**SemiVolatile Organics - Page 1**																	
100-52-7	Benzaldehyde	ug/kg	611000	380	UJ		360	U		350	U		11000	U		380	UJ	
108-95-2	Phenol	ug/kg	30	380	U		360	U		25	J	#	1400	J	A	35	J	A
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	380	U		360	U		350	U		11000	U		380	U	
95-57-8	2-Chlorophenol	ug/kg	800	380	U		360	U		350	U		11000	U		380	U	
95-48-7	2-Methylphenol	ug/kg	100	380	U		360	U		350	U		11000	U		380	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	380	U		360	U		350	U		11000	U		380	U	
98-86-2	Acetophenone	ug/kg	50	380	U		360	U		350	U		11000	U		380	U	
106-44-5	4-Methylphenol	ug/kg	900	380	U		360	U		350	U		11000	U		380	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	380	U		360	U		350	U		11000	U		380	U	
67-72-1	Hexachloroethene	ug/kg	6100	380	U		360	U		350	U		11000	U		380	U	
98-95-3	Nitrobenzene	ug/kg	200	380	U		360	U		350	U		11000	U		380	U	
78-59-1	Isophorone	ug/kg	4400	380	U		360	U		350	U		11000	U		380	U	
88-75-5	2-Nitrophenol	ug/kg	330	380	U		360	U		350	U		11000	U		380	U	
105-67-9	2,4-Dimethylphenol	ug/kg	122000	380	U		360	U		350	U		11000	U		380	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	380	U		360	U		350	U		11000	U		380	U	
120-83-2	2,4-Dichlorophenol	ug/kg	400	380	U		360	U		350	U		11000	U		380	U	
91-20-3	Naphthalene	ug/kg	5600	380	U		360	U		350	U		11000	U		380	U	
106-47-8	p-Chloroaniline	ug/kg	220	380	U		360	U		350	U		11000	U		380	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	380	U		360	U		350	U		11000	U		380	U	
105-60-2	Caprolactam	ug/kg	3055000	380	U		360	U		350	U		11000	U		380	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	380	U		360	U		350	U		11000	U		380	U	
91-57-6	2-Methylnaphthalene	ug/kg	36400	380	U		20	J	#	350	U		11000	U		380	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	380	UJ		360	UJ		350	UJ		11000	UJ		380	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	380	U		360	U		350	U		11000	U		380	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	950	U		900	U		870	U		29000	U		950	U	
92-52-4	1,1'-Biphenyl	ug/kg	301000	380	U		360	U		350	U		11000	U		380	U	
91-58-7	2-Chloronaphthalene	ug/kg	385000	380	U		360	U		350	U		11000	U		380	U	
88-74-4	2-Nitroaniline	ug/kg	350	950	U		900	U		870	U		29000	U		950	U	
131-11-3	Dimethyl phthalate	ug/kg	2000	380	U		360	U		350	U		11000	U		380	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	380	U		360	U		350	U		11000	U		380	U	
208-96-8	Acenaphthylene	ug/kg	41000	380	U		360	U		350	U		11000	U		380	U	
99-09-2	3-Nitrooaniline	ug/kg	500	950	U		900	U		870	U		29000	U		950	U	
83-32-9	Acenaphthene	ug/kg	50000	380	U		360	U		350	U		11000	U		380	U	

304048

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01			SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02			SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03			SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04			SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	950	R		900	UJ		870	UJ		29000	UJ		950	UJ	
100-02-7	4-Nitrophenol	ug/kg	100	950	U		900	U		870	U		29000	U		950	U	
132-64-9	Dibenzofuran	ug/kg	6200	380	U		360	U		350	U		11000	U		380	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	380	U		360	U		350	U		11000	U		380	U	
84-66-2	Diethyl phthalate	ug/kg	7100	380	U		360	U		350	U		11000	U		380	U	
86-73-7	Fluorene	ug/kg	50000	380	U		360	U		350	U		11000	U		380	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	380	U		360	U		350	U		11000	U		380	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	950	U		900	U		870	U		29000	U		950	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	950	UJ		900	UJ		870	UJ		29000	UJ		950	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	380	U		360	U		350	U		11000	U		380	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	380	U		360	U		350	U		11000	U		380	U	
118-74-1	Hexachlorobenzene	ug/kg	300	380	U		360	U		350	U		11000	U		380	U	
1912-24-9	Atrazine	ug/kg	2200	380	U		360	U		350	U		11000	U		380	U	
87-86-5	Pentachlorophenol	ug/kg	1000	950	UJ		900	UJ		870	UJ		29000	UJ		950	UJ	
85-01-8	Phenanthrene	ug/kg	50000	38	J	#	21	J	#	11	J	#	900	J	#	16	J	#
120-12-7	Anthracene	ug/kg	50000	380	U		360	U		350	U		11000	U		380	U	
86-74-8	Carbazole	ug/kg	24300	380	U		360	U		350	U		11000	U		380	U	
84-74-2	Di-n-butylphthalate	ug/kg	8100	380	U		360	U		350	U		11000	U		380	U	
206-44-0	Fluoranthene	ug/kg	50000	50	J	#	25	J	#	20	J	#	2000	J	#	29	J	#
129-00-0	Pyrene	ug/kg	50000	43	J	#	23	J	#	18	J	#	1700	J	#	23	J	#
85-68-7	Benzyl butyl phthalate	ug/kg	50000	380	U		360	U		350	U		780	J	#	380	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	380	U		360	U		350	U		11000	U		380	U	
56-55-3	Benzo(a)anthracene	ug/kg	224	380	U		13	J	#	350	U		760	J	A	13	J	#
218-01-9	Chrysene	ug/kg	400	29	J	#	21	J	#	13	J	#	1200	J	A	22	J	#
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	1200	U		360	U		350	U		5000	J	#	440		#
117-84-0	Di-n-octylphthalate	ug/kg	50000	380	UJ		360	U		350	U		11000	U		380	U	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	24	J	#	18	J	#	350	U		1200	J	A	19	J	#
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	19	J	#	17	J	#	350	U		1200	J	A	380	U	
50-32-8	Benzo(a)pyrene	ug/kg	200	19	J	#	13	J	#	10	J	#	970	J	A	12	J	#
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	380	U		9	J	#	350	U		670	J	A	14	J	#
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	380	UJ		360	U		350	U		11000	U		380	UJ	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	380	UJ		360	UJ		350	UJ		11000	UJ		380	UJ	

304049

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01			SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02			SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03			SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04			SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04		
P/PCBs-s	**Pesticides/PCB Organics**																	
319-84-6	alpha-BHC	ug/kg	90	2	U		1.9	U		1.8	U		2	U		2	U	
319-85-7	beta-BHC	ug/kg	200	2	U		1.9	U		1.8	U		2	U		2	U	
319-86-8	delta-BHC	ug/kg	300	2	U		1.9	U		1.8	U		2	U		2	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	60	2	U		1.9	U		1.8	U		2	U		2	U	
76-44-8	Heptachlor	ug/kg	100	2	U		1.9	U		1.8	U		2	U		2	U	
309-00-2	Aldrin	ug/kg	30	2	U		1.9	U		1.8	U		2	U		2	U	
1024-57-3	Heptachlor Epoxide	ug/kg	20	2	U		1.9	U		1.8	U		2	U		2	U	
959-98-8	Endosulfan I	ug/kg	900	2	U		1.9	U		1.8	U		2	U		2	U	
60-57-1	Dieldrin	ug/kg	30	3.8	U		3.6	U		3.5	U		3.8	U		3.8	U	
72-55-9	4,4'-DDE	ug/kg	1700	3.8	U		10		#	3.5	U		3.8	U		3.8	U	
72-20-8	Endrin	ug/kg	100	3.8	U		3.6	U		3.5	U		3.8	U		3.8	U	
33213-65-9	Endosulfan II	ug/kg	900	3.8	U		3.6	U		3.5	U		3.8	U		3.8	U	
72-54-8	4,4'-DDD	ug/kg	2400	3.8	U		3.6	U		3.5	U		3.8	U		3.8	U	
1031-07-8	Endosulfan Sulfate	ug/kg	1000	3.8	U		3.6	U		3.5	U		3.8	U		3.8	U	
50-29-3	4,4'-DDT	ug/kg	1700	3.8	U		11		#	3.5	U		3.8	U		3.8	U	
72-43-5	Methoxychlor	ug/kg	31000	20	U		19	U		18	U		20	U		20	U	
53494-70-5	Endrin Ketone	ug/kg	N/A	3.8	U		3.6	U		3.5	U		3.8	U		3.8	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A	3.8	U		3.6	U		3.5	U		3.8	U		3.8	U	
5103-71-9	alpha-Chlordane	ug/kg	540	2	U		1.9	U		1.8	U		2	U		2	U	
5103-74-2	gamma-Chlordane	ug/kg	540	2	U		1.9	U		1.8	U		2	U		2	U	
8001-35-2	Toxaphene	ug/kg	440	200	U		190	U		180	U		200	U		200	U	
12674-11-2	Aroclor-1016	ug/kg	390	38	U		36	U		35	U		38	U		38	U	
11104-28-2	Aroclor-1221	ug/kg	220	77	U		73	U		71	U		77	U		77	U	
11141-16-5	Aroclor-1232	ug/kg	220	38	U		36	U		35	U		38	U		38	U	
53469-21-9	Aroclor-1242	ug/kg	220	38	U		36	U		35	U		38	U		38	U	
12672-29-6	Aroclor-1248	ug/kg	220	38	U		36	U		35	U		38	U		38	U	
11097-69-1	Aroclor-1254	ug/kg	110	38	U		36	U		35	U		38	U		38	U	
11096-82-5	Aroclor-1260	ug/kg	220	38	U		36	U		35	U		38	U		38	U	

304050

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SSS-ECO-01-0-12 10/29/2001 0 to 1 ft.BGS ECO-01			SSS-ECO-02-0-12 10/25/2001 0 to 1 ft.BGS ECO-02			SSS-ECO-03-0-12 10/26/2001 0 to 1 ft.BGS ECO-03			SSS-HHR-04-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-04			SSS-HHR-04-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-04		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			6660		#	7560		#	5270		#	5360		#	6270		#
7440-36-0	Antimony	mg/kg	3.1			0.72	BJ	#	1	BJ	#	0.74	BJ	#	0.66	UJ		0.67	UJ	
7440-38-2	Arsenic	mg/kg	2.4			5.9		A	4.9		A	2.6		A	2.4		#	2.9		A
7440-39-3	Barium	mg/kg	300			32.6	B	#	27.9	B	#	15.7	B	#	25.8	B	#	35.4	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.48	B	A	0.44	B	A	0.4	B	A	0.35	B	A	0.4	B	A
7440-43-9	Cadmium	mg/kg	1			0.22	U		0.22	U		0.21	U		0.22	U		0.22	U	
7440-70-2	Calcium	mg/kg	N/A			1240		~	1430		~	1500		~	1600		~	1720		~
7440-47-3	Chromium	mg/kg	6.2			8.3		A	8.5		A	5.9		#	6.8		A	7.3		A
7440-48-4	Cobalt	mg/kg	30			5	B	#	5.2	B	#	3.6	B	#	3.6	B	#	3.7	B	#
7440-50-8	Copper	mg/kg	25			14.7		#	17.3		#	44.9		A	25.5		A	34.5		A
7439-89-6	Iron	mg/kg	10669			16800		A	16200		A	11000		A	11600		A	11900		A
7439-92-1	Lead	mg/kg	N/A			19.8		~	17.1		~	34.7		~	32.9		~	28.4		~
7439-95-4	Magnesium	mg/kg	N/A			1640		~	1910		~	1440		~	1440		~	1400		~
7439-96-5	Manganese	mg/kg	340			366	J	A	368	J	A	218	J	#	311	J	#	409	J	A
7439-97-6	Mercury	mg/kg	0.1			0.31		A	0.36		A	0.42		A	0.92		A	0.38		A
7440-02-0	Nickel	mg/kg	13			8.9		#	9.8		#	7.1	B	#	7.7	B	#	8	B	#
7440-09-7	Potassium	mg/kg	N/A			534	B	~	753	B	~	653	B	~	615	B	~	554	B	~
7782-49-2	Selenium	mg/kg	2			0.67	U		0.65	U		0.62	U		0.66	U		0.67	U	
7440-22-4	Silver	mg/kg	39			0.22	U		0.22	U		0.21	U		0.22	U		0.22	U	
7440-23-5	Sodium	mg/kg	N/A			339	BJ	~	362	BJ	~	323	BJ	~	335	BJ	~	406	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.8	B	~	1.2	B	~	0.83	U		1	B	~	1	B	~
7440-62-2	Vanadium	mg/kg	54.7			15.1		#	16.8		#	14		#	14.7		#	13.4		#
7440-66-6	Zinc	mg/kg	24.2			45.6		A	44		A	60.8		A	55		A	54.8		A
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			2200	J	~	960	UL		740	UL		1200	J	~	930	UL	
GIS-110-01	Total Organic Carbon	mg/kg	N/A			14200	J	~	24600	J	~	6360	J	~	18800	J	~	14000	J	~
12408-02-5	pH	S.U.	N/A			5.24		~	6.42		~	7		~	6.37		~	6.67		~

304051

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05			SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05			SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06			SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06			SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	9400			13	U		11	U		12	U		11	U		13	U	
74-87-3	Chloromethane	ug/kg	1200			13	U		11	U		12	U		11	U		13	U	
75-01-4	Vinyl Chloride	ug/kg	120			13	UJ		11	UJ		12	UJ		11	UJ		13	UJ	
74-83-9	Bromomethane	ug/kg	390			13	U		11	U		12	U		11	U		13	U	
75-00-3	Chloroethane	ug/kg	1900			13	UJ		11	UJ		12	UJ		11	UJ		13	UJ	
75-69-4	Trichlorofluoromethane	ug/kg	10000			13	U		11	U		12	U		11	U		13	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			13	U		11	U		12	U		11	U		13	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			13	U		11	U		12	U		11	U		13	U	
67-64-1	Acetone	ug/kg	110			130	UJ		90	UJ		130	UJ		54	UJ		160	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700			13	U		11	U		12	U		11	U		13	U	
79-20-9	Methyl Acetate	ug/kg	10000			13	UJ		11	UJ		12	UJ		11	UJ		13	UJ	
75-09-2	Methylene Chloride	ug/kg	100			13	U		11	U		12	U		11	U		13	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			13	U		11	U		12	U		11	U		13	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			13	U		11	U		12	U		11	U		13	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			13	U		11	U		12	U		11	U		13	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			13	U		11	U		12	U		11	U		13	U	
78-93-3	2-Butanone	ug/kg	300			8	J	#	6	J	#	12	U		11	U		9	J	#
67-66-3	Chloroform	ug/kg	40			13	U		11	U		12	U		11	U		13	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			13	U		11	U		12	U		11	U		13	U	
110-82-7	Cyclohexane	ug/kg	10000			13	U		11	U		12	U		11	U		13	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			13	U		11	U		12	U		11	U		13	U	
71-43-2	Benzene	ug/kg	60			13	U		11	U		12	U		11	U		13	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			13	U		11	U		12	U		11	U		13	U	
79-01-6	Trichloroethene	ug/kg	700			13	U		11	U		12	U		11	U		13	U	
108-87-2	Methylcyclohexane	ug/kg	10000			13	U		11	U		12	U		11	U		13	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			13	U		11	U		12	U		11	U		13	U	
75-27-4	Bromodichloromethane	ug/kg	1000			13	U		11	U		12	U		11	U		13	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			13	U		11	U		12	U		11	U		13	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			3	J	#	2	J	#	9	J	#	11	U		13	U	

304052

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05	SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05	SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06	SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06	SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07
108-88-3	Toluene	ug/kg	1500	13 U	11 U	12 U	11 U	13 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	13 U	11 U	12 U	11 U	13 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	13 U	11 U	12 U	11 U	13 U
127-18-4	Tetrachloroethene	ug/kg	1400	13 U	11 U	12 U	11 U	13 U
591-78-6	2-Hexanone	ug/kg	10000	13 U	11 U	12 U	11 U	13 U
124-48-1	Dibromochloromethane	ug/kg	1100	13 U	11 U	12 U	11 U	13 U
106-93-4	1,2-Dibromoethane	ug/kg	10	13 U	11 U	12 U	11 U	13 U
108-90-7	Chlorobenzene	ug/kg	1700	13 U	11 U	12 U	11 U	13 U
100-41-4	Ethylbenzene	ug/kg	5500	13 U	11 U	12 U	11 U	13 U
1330-20-7	Xylenes (total)	ug/kg	1200	13 U	11 U	12 U	11 U	13 U
100-42-5	Styrene	ug/kg	10000	13 U	11 U	12 U	11 U	13 U
75-25-2	Bromoform	ug/kg	10000	13 U	11 U	12 U	11 U	13 U
98-82-8	Isopropylbenzene	ug/kg	10000	13 U	11 U	12 U	11 U	13 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	13 U	11 U	12 U	11 U	13 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	13 U	11 U	12 U	11 U	13 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	13 U	11 U	12 U	11 U	13 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	13 U	11 U	12 U	11 U	13 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	13 U	11 U	12 U	11 U	13 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	13 U	11 U	12 U	11 U	13 U

304053

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
- -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05			SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05			SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06			SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06			SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07		
SV-1-s	**SemiVolatile Organics - Page 1**																			
100-52-7	Benzaldehyde	ug/kg	611000			390	UJ		360	UJ		51	J	#	360	UJ		360	UJ	
108-95-2	Phenol	ug/kg	30			390	U		86	J	A	18	J	#	360	U		33	J	A
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210			390	U		360	U		380	U		360	U		360	U	
95-57-8	2-Chlorophenol	ug/kg	800			390	U		360	U		380	U		360	U		360	U	
95-48-7	2-Methylphenol	ug/kg	100			390	U		360	U		380	U		360	U		360	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900			390	U		360	U		380	U		360	U		360	U	
98-86-2	Acetophenone	ug/kg	50			390	U		330	J	A	380	U		360	U		360	U	
106-44-5	4-Methylphenol	ug/kg	900			390	U		360	U		380	U		360	U		360	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70			390	U		360	U		380	U		360	U		360	U	
67-72-1	Hexachloroethene	ug/kg	6100			390	U		360	U		380	U		360	U		360	U	
98-95-3	Nitrobenzene	ug/kg	200			390	U		360	U		380	U		360	U		360	U	
78-59-1	Isophorone	ug/kg	4400			390	U		360	U		380	U		360	U		360	U	
88-75-5	2-Nitrophenol	ug/kg	330			390	U		360	U		380	U		360	U		360	U	
105-67-9	2,4-Dimethylphenol	ug/kg	122000			390	U		360	U		380	U		360	U		360	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A			390	U		360	U		380	U		360	U		360	U	
120-83-2	2,4-Dichlorophenol	ug/kg	400			390	U		360	U		380	U		360	U		360	U	
91-20-3	Naphthalene	ug/kg	5600			390	U		360	U		380	U		360	U		360	U	
106-47-8	p-Chloroaniline	ug/kg	220			390	U		360	U		380	U		360	U		360	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800			390	U		360	U		380	U		360	U		360	U	
105-60-2	Caprolactam	ug/kg	3055000			390	U		360	U		29	J	#	360	U		21	J	#
59-50-7	4-Chloro-3-methylphenol	ug/kg	240			390	U		360	U		380	U		360	U		360	U	
91-57-6	2-Methylnaphthalene	ug/kg	36400			390	U		12	J	#	380	U		360	U		360	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000			390	UJ		360	UJ		380	UJ		360	UJ		360	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000			390	U		360	U		380	U		360	U		360	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	100			980	U		910	U		940	U		900	U		900	U	
92-52-4	1,1'-Biphenyl	ug/kg	301000			390	U		360	U		380	U		360	U		360	U	
91-58-7	2-Chloronaphthalene	ug/kg	385000			390	U		360	U		380	U		360	U		360	U	
88-74-4	2-Nitroaniline	ug/kg	350			980	U		910	U		940	U		900	U		900	U	
131-11-3	Dimethyl phthalate	ug/kg	2000			390	U		360	U		380	U		360	U		360	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	1000			390	U		360	U		380	U		360	U		360	U	
208-96-8	Acenaphthylene	ug/kg	41000			390	U		360	U		380	U		360	U		360	U	
99-09-2	3-Nitrooaniline	ug/kg	500			980	U		910	U		940	U		900	U		900	U	
83-32-9	Acenaphthene	ug/kg	50000			390	U		360	U		380	U		360	U		360	U	

304054

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05			SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05			SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06			SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06			SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	980	UJ		910	UJ		940	UJ		900	UJ		900	UJ	
100-02-7	4-Nitrophenol	ug/kg	100	980	U		910	U		940	U		900	U		900	U	
132-64-9	Dibenzofuran	ug/kg	6200	390	U		360	U		380	U		360	U		360	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	390	U		360	U		380	U		360	U		360	U	
84-66-2	Diethyl phthalate	ug/kg	7100	390	U		360	U		14	J	#	360	U		360	U	
86-73-7	Fluorene	ug/kg	50000	390	U		360	U		380	U		360	U		360	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	390	U		360	U		380	U		360	U		360	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	980	U		910	U		940	U		900	U		900	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	980	UJ		910	UJ		940	UJ		900	UJ		900	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	390	U		360	U		380	U		360	U		360	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	390	U		360	U		380	U		360	U		360	U	
118-74-1	Hexachlorobenzene	ug/kg	300	390	U		360	U		380	U		360	U		360	U	
1912-24-9	Atrazine	ug/kg	2200	390	U		360	U		380	U		360	U		360	U	
87-86-5	Pentachlorophenol	ug/kg	1000	980	UJ		910	UJ		940	U		900	UJ		900	UJ	
85-01-8	Phenanthrene	ug/kg	50000	37	J	#	17	J	#	39	J	#	13	J	#	48	J	#
120-12-7	Anthracene	ug/kg	50000	390	U		360	U		380	U		360	U		10	J	#
86-74-8	Carbazole	ug/kg	24300	390	U		360	U		380	U		360	U		360	U	
84-74-2	Di-n-butylphthalate	ug/kg	8100	390	U		360	U		25	J	#	360	U		360	U	
206-44-0	Fluoranthene	ug/kg	50000	83	J	#	29	J	#	81	J	#	29	J	#	110	J	#
129-00-0	Pyrene	ug/kg	50000	64	J	#	25	J	#	67	J	#	24	J	#	60	J	#
85-68-7	Benzyl butyl phthalate	ug/kg	50000	22	J	#	360	U		55	J	#	14	J	#	50	J	#
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	390	U		360	U		380	U		360	U		360	U	
56-55-3	Benzo(a)anthracene	ug/kg	224	31	J	#	13	J	#	33	J	#	14	J	#	44	J	#
218-01-9	Chrysene	ug/kg	400	48	J	#	19	J	#	51	J	#	18	J	#	65	J	#
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	360	J	#	300	J	#	260	J	#	360	U		170	J	#
117-84-0	Di-n-octylphthalate	ug/kg	50000	390	U		360	U		17	J	#	360	U		360	U	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	44	J	#	17	J	#	48	J	#	20	J	#	61	J	#
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	40	J	#	360	U		42	J	#	360	U		55	J	#
50-32-8	Benzo(a)pyrene	ug/kg	200	37	J	#	14	J	#	36	J	#	14	J	#	21	J	#
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	29	J	#	360	UJ		30	J	#	360	UJ		23	J	#
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	390	UJ		360	UJ		380	U		360	UJ		19	J	#
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	390	UJ		360	UJ		380	U		360	UJ		360	UJ	

304055

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05			SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05			SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06			SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06			SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07		
P/PCBs-s	**Pesticides/PCB Organics**																			
319-84-6	alpha-BHC	ug/kg	90			2	U		1.9	U		1.9	U		1.8	U		1.9	U	
319-85-7	beta-BHC	ug/kg	200			2	U		1.9	U		1.9	U		1.8	U		1.9	U	
319-86-8	delta-BHC	ug/kg	300			2	U		1.9	U		1.9	U		1.8	U		1.9	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	60			2	U		1.9	U		1.9	U		1.8	U		1.9	U	
76-44-8	Heptachlor	ug/kg	100			2	U		1.9	U		1.9	U		1.8	U		1.9	U	
309-00-2	Aldrin	ug/kg	30			2	U		1.9	U		1.9	U		1.8	U		1.9	U	
1024-57-3	Heptachlor Epoxide	ug/kg	20			2	U		1.9	U		1.9	U		1.8	U		1.9	U	
959-98-8	Endosulfan I	ug/kg	900			2	U		1.9	U		1.9	U		1.8	U		1.9	U	
60-57-1	Dieldrin	ug/kg	30			3.9	U		3.6	U		3.8	U		3.6	U		3.6	U	
72-55-9	4,4'-DDE	ug/kg	1700			3.9	U		3.6	U		3.8	U		3.6	U		3.6	U	
72-20-8	Endrin	ug/kg	100			3.9	U		3.6	U		3.8	U		3.6	U		3.6	U	
33213-65-9	Endosulfan II	ug/kg	900			3.9	U		3.6	U		3.8	U		3.6	U		3.6	U	
72-54-8	4,4'-DDD	ug/kg	2400			3.9	U		3.6	U		3.8	U		3.6	U		3.6	U	
1031-07-8	Endosulfan Sulfate	ug/kg	1000			3.9	U		3.6	U		3.8	U		3.6	U		3.6	U	
50-29-3	4,4'-DDT	ug/kg	1700			3.9	U		3.6	U		3.8	U		3.6	U		3.6	U	
72-43-5	Methoxychlor	ug/kg	31000			20	U		19	U		19	U		18	U		19	U	
53494-70-5	Endrin Ketone	ug/kg	N/A			3.9	U		3.6	U		3.8	U		3.6	U		3.6	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A			3.9	U		3.6	U		3.8	U		3.6	U		3.6	U	
5103-71-9	alpha-Chlordane	ug/kg	540			2	U		1.9	U		1.9	U		1.8	U		1.9	U	
5103-74-2	gamma-Chlordane	ug/kg	540			2	U		1.9	U		3.5		#	1.8	U		1.9	U	
8001-35-2	Toxaphene	ug/kg	440			200	U		190	U		190	U		180	U		190	U	
12674-11-2	Aroclor-1016	ug/kg	390			39	U		36	U		38	U		36	U		36	U	
11104-28-2	Aroclor-1221	ug/kg	220			79	U		74	U		76	U		73	U		73	U	
11141-16-5	Aroclor-1232	ug/kg	220			39	U		36	U		38	U		36	U		36	U	
53469-21-9	Aroclor-1242	ug/kg	220			39	U		36	U		38	U		36	U		36	U	
12672-29-6	Aroclor-1248	ug/kg	220			39	U		36	U		38	U		36	U		36	U	
11097-69-1	Aroclor-1254	ug/kg	110			39	U		36	U		38	U		36	U		36	U	
11096-82-5	Aroclor-1260	ug/kg	220			39	U		36	U		38	U		36	U		36	U	

304056

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SSS-HHR-05-0-2 10/25/2001 0 to 0.17 ft.BGS HHR-05			SSS-HHR-05-0-6 10/25/2001 0 to 0.5 ft.BGS HHR-05			SSS-HHR-06-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-06			SSS-HHR-06-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-06			SSS-HHR-07-0-2 10/26/2001 0 to 0.17 ft.BGS HHR-07		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	*Aluminum*	*mg/kg*	*7614*			*7090*		#	*7170*		#	*4080*		#	*4460*		#	*4410*		#
7440-36-0	Antimony	mg/kg	3.1			0.78	BJ	#	1	BJ	#	0.66	BJ	#	0.64	UJ		0.72	BJ	#
7440-38-2	Arsenic	mg/kg	2.4			4.1		A	5.1		A	1.9	B	#	2.4		#	2.1	B	#
7440-39-3	Barium	mg/kg	300			26.8	B	#	27.2	B	#	15.8	B	#	15.7	B	#	20.4	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.43	B	A	0.39	B	A	0.31	B	A	0.32	B	A	0.31	B	A
7440-43-9	Cadmium	mg/kg	1			0.22	U		0.21	U		0.22	U		0.21	U		0.21	U	
7440-70-2	Calcium	mg/kg	N/A			1660		~	1450		~	1720		~	1270		~	3470		~
7440-47-3	Chromium	mg/kg	6.2			8.6		A	8.4		A	5.1		#	5.5		#	5.5		#
7440-48-4	Cobalt	mg/kg	30			5.3	B	#	5.4	B	#	3.2	B	#	5	B	#	3.2	B	#
7440-50-8	Copper	mg/kg	25			16.4		#	17.2		#	12.1		#	15.5		#	24		#
7439-89-6	Iron	mg/kg	10669			15400		A	16000		A	9630		#	10800		A	10300		#
7439-92-1	Lead	mg/kg	N/A			22.7		~	18.2		~	12.6		~	17.2		~	36.7		~
7439-95-4	Magnesium	mg/kg	N/A			2110		~	2090		~	1500		~	1600		~	1490		~
7439-96-5	Manganese	mg/kg	340			374	J	A	379	J	A	204	J	#	213	J	#	255	J	#
7439-97-6	Mercury	mg/kg	0.1			0.93		A	0.47		A	0.42		A	0.24		A	1.3		A
7440-02-0	Nickel	mg/kg	13			10.6		#	10.5		#	6.5	B	#	6.9	B	#	7.2	B	#
7440-09-7	Potassium	mg/kg	N/A			1100	B	~	740	B	~	586	B	~	567	B	~	690	B	~
7782-49-2	Selenium	mg/kg	2			0.67	U		0.64	U		0.66	U		0.64	U		0.64	U	
7440-22-4	Silver	mg/kg	39			0.22	U		0.21	U		0.22	U		0.21	U		0.27	B	#
7440-23-5	Sodium	mg/kg	N/A			393	BJ	~	388	BJ	~	395	BJ	~	375	BJ	~	352	BJ	~
7440-28-0	Thallium	mg/kg	N/A			0.89	U		1.3	B	~	0.88	U		1.3	B	~	1.3	B	~
7440-62-2	Vanadium	mg/kg	54.7			17.8		#	16.5		#	10.3	B	#	11.8		#	13.2		#
7440-66-6	Zinc	mg/kg	24.2			52.7		A	52.1		A	48.6		A	37.2		A	70.4		A
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			1500	J	~	1100	J	~	1000	UL		480	UL		2100	UL	
GIS-110-012	Total Organic Carbon	mg/kg	N/A			19900	J	~	27400	J	~	12900	J	~	3820	J	~	28200	J	~
12408-02-5	pH	S.U.	N/A			6.5		~	6.24		~	6.23		~	6.56		~	6.65		~

304057

COMPARISON FLAGS:
A -- D[redacted]l sample value is greater that the screening criterion.
-- De[redacted]J sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07			SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08		
VOA-s	**Volatile Organics**																
75-71-8	Dichlorodifluoromethane	ug/kg	9400			11	U		11	U		12	U		11	U	
74-87-3	Chloromethane	ug/kg	1200			11	U		11	U		12	U		11	U	
75-01-4	Vinyl Chloride	ug/kg	120			11	UJ		11	UJ		12	UJ		11	UJ	
74-83-9	Bromomethane	ug/kg	390			2	J	#	11	U		12	U		11	U	
75-00-3	Chloroethane	ug/kg	1900			11	UJ		11	UJ		12	UJ		11	UJ	
75-69-4	Trichlorofluoromethane	ug/kg	10000			11	U		6	J	#	2	J	#	11	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			11	U		11	U		12	U		11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			11	U		11	U		12	U		11	U	
67-64-1	Acetone	ug/kg	110			60	UJ		110	UJ		130	UJ		87	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700			4	J	#	11	U		12	U		11	U	
79-20-9	Methyl Acetate	ug/kg	10000			11	UJ		11	UJ		12	UJ		11	UJ	
75-09-2	Methylene Chloride	ug/kg	100			11	U		11	U		12	U		11	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			11	U		11	U		12	U		11	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			11	U		11	U		12	U		11	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			11	U		11	U		12	U		11	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			11	U		11	U		12	U		11	U	
78-93-3	2-Butanone	ug/kg	300			11	U		8	J	#	7	J	#	6	J	#
67-66-3	Chloroform	ug/kg	40			11	U		11	U		12	U		11	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			11	U		11	U		12	U		11	U	
110-82-7	Cyclohexane	ug/kg	10000			11	U		11	U		12	U		11	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			11	U		11	U		12	U		11	U	
71-43-2	Benzene	ug/kg	60			11	U		11	U		12	U		11	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			11	U		11	U		12	U		11	U	
79-01-6	Trichloroethene	ug/kg	700			11	U		11	U		12	U		11	U	
108-87-2	Methylcyclohexane	ug/kg	10000			11	U		11	U		12	U		11	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			11	U		11	U		12	U		11	U	
75-27-4	Bromodichloromethane	ug/kg	1000			11	U		11	U		12	U		11	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			11	U		11	U		12	U		11	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			11	U		11	U		12	U		11	U	

304058

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07	SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08	SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08	SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08
108-88-3	Toluene	ug/kg	1500	11 U	11 U	12 U	11 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	11 U	11 U	12 U	11 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	11 U	11 U	12 U	11 U
127-18-4	Tetrachloroethene	ug/kg	1400	11 U	11 U	12 U	11 U
591-78-6	2-Hexanone	ug/kg	10000	11 U	11 U	12 U	11 U
124-48-1	Dibromochloromethane	ug/kg	1100	11 U	11 U	12 U	11 U
106-93-4	1,2-Dibromoethane	ug/kg	10	11 U	11 U	12 U	11 U
108-90-7	Chlorobenzene	ug/kg	1700	11 U	11 U	12 U	11 U
100-41-4	Ethylbenzene	ug/kg	5500	11 U	11 U	12 U	11 U
1330-20-7	Xylenes (total)	ug/kg	1200	11 U	11 U	12 U	11 U
100-42-5	Styrene	ug/kg	10000	11 U	11 U	12 U	11 U
75-25-2	Bromoform	ug/kg	10000	11 U	11 U	12 U	11 U
98-82-8	Isopropylbenzene	ug/kg	10000	11 U	11 U	12 U	11 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	11 U	11 U	12 U	11 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	11 U	11 U	12 U	11 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	11 U	11 U	12 U	11 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	11 U	11 U	12 U	11 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	11 U	11 U	12 U	11 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	11 U	11 U	12 U	11 U

304059

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07			SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08		
SV-1-s	**SemiVolatile Organics - Page 1**														
100-52-7	Benzaldehyde	ug/kg	611000	350	UJ		390	UJ		390	UJ		380	UJ	
108-95-2	Phenol	ug/kg	30	20	J	#	390	U		390	U		380	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	350	U		390	U		390	U		380	U	
95-57-8	2-Chlorophenol	ug/kg	800	350	U		390	U		390	U		380	U	
95-48-7	2-Methylphenol	ug/kg	100	350	U		390	U		390	U		380	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	350	U		390	U		390	U		380	U	
98-86-2	Acetophenone	ug/kg	50	350	U		390	U		390	U		380	U	
106-44-5	4-Methylphenol	ug/kg	900	350	U		390	U		390	U		380	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	350	U		390	U		390	U		380	U	
67-72-1	Hexachloroethene	ug/kg	6100	350	U		390	U		390	U		380	U	
98-95-3	Nitrobenzene	ug/kg	200	350	U		390	U		390	U		380	U	
78-59-1	Isophorone	ug/kg	4400	350	U		390	U		390	U		380	U	
88-75-5	2-Nitrophenol	ug/kg	330	350	U		390	U		390	U		380	U	
105-67-9	2,4-Dimethylphenol	ug/kg	122000	350	U		390	U		390	U		380	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	350	U		390	U		390	U		380	U	
120-83-2	2,4-Dichlorophenol	ug/kg	400	350	U		390	U		390	U		380	U	
91-20-3	Naphthalene	ug/kg	5600	350	U		390	U		390	U		380	U	
106-47-8	p-Chloroaniline	ug/kg	220	350	U		390	U		390	U		380	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	350	U		390	U		390	U		380	U	
105-60-2	Caprolactam	ug/kg	3055000	350	U		390	U		390	U		380	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	350	U		390	U		390	U		380	U	
91-57-6	2-Methylnaphthalene	ug/kg	36400	350	U		390	U		390	U		380	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	350	UJ		390	UJ		390	UJ		380	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	350	U		390	U		390	U		380	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	880	U		980	U		980	U		970	U	
92-52-4	1,1'-Biphenyl	ug/kg	301000	350	U		390	U		390	U		380	U	
91-58-7	2-Chloronaphthalene	ug/kg	385000	350	U		390	U		390	U		380	U	
88-74-4	2-Nitroaniline	ug/kg	350	880	U		980	U		980	U		970	U	
131-11-3	Dimethyl phthalate	ug/kg	2000	12	J	#	390	U		390	U		380	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	350	U		390	U		390	U		380	U	
208-96-8	Acenaphthylene	ug/kg	41000	350	U		390	U		390	U		380	U	
99-09-2	3-Nitrooaniline	ug/kg	500	880	U		980	U		980	U		970	U	
83-32-9	Acenaphthene	ug/kg	50000	350	U		390	U		390	U		380	U	

304060

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07			SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08		
SV-2-s	**SemiVolatile Organics - Page 2**														
51-28-5	2,4-Dinitrophenol	ug/kg	200	880	UJ		980	R		980	R		970	R	
100-02-7	4-Nitrophenol	ug/kg	100	880	U		980	U		980	U		970	U	
132-64-9	Dibenzofuran	ug/kg	6200	350	U		390	U		390	U		380	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	350	U		390	U		390	U		380	U	
84-66-2	Diethyl phthalate	ug/kg	7100	610		#	390	U		390	U		380	U	
86-73-7	Fluorene	ug/kg	50000	350	U		390	U		390	U		380	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	350	U		390	U		390	U		380	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	880	U		980	U		980	U		970	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	880	UJ		980	UJ		980	UJ		970	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	350	U		390	U		390	U		380	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	350	U		390	U		390	U		380	U	
118-74-1	Hexachlorobenzene	ug/kg	300	350	U		390	U		390	U		380	U	
1912-24-9	Atrazine	ug/kg	2200	350	U		390	U		390	U		380	U	
87-86-5	Pentachlorophenol	ug/kg	1000	880	UJ		980	UJ		980	UJ		970	UJ	
85-01-8	Phenanthrene	ug/kg	50000	13	J	#	23	J	#	13	J	#	26	J	#
120-12-7	Anthracene	ug/kg	50000	350	U		390	U		390	U		380	U	
86-74-8	Carbazole	ug/kg	24300	350	U		390	U		390	U		380	U	
84-74-2	Di-n-butylphthalate	ug/kg	8100	350	U		390	U		390	U		380	U	
206-44-0	Fluoranthene	ug/kg	50000	27	J	#	48	J	#	29	J	#	52	J	#
129-00-0	Pyrene	ug/kg	50000	24	J	#	36	J	#	22	J	#	39	J	#
85-68-7	Benzyl butyl phthalate	ug/kg	50000	12	J	#	390	U		390	U		380	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	350	U		390	U		390	U		380	U	
56-55-3	Benzo(a)anthracene	ug/kg	224	350	U		20	J	#	390	U		380	U	
218-01-9	Chrysene	ug/kg	400	18	J	#	30	J	#	18	J	#	24	J	#
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	1500		#	390	U		390	U		1600	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000	350	U		390	U		390	U		380	UJ	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	17	J	#	24	J	#	15	J	#	23	J	#
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	350	U		22	J	#	390	U		21	J	#
50-32-8	Benzo(a)pyrene	ug/kg	200	13	J	#	19	J	#	390	U		19	J	#
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	350	UJ		390	U		390	U		380	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	350	UJ		390	UJ		390	UJ		380	UJ	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	350	UJ		390	UJ		390	UJ		380	UJ	

304061

COMPARISON FLAGS:
A -- D[redacted]d sample value is greater that the screening criterion.
-- D[redacted]d sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07			SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08		
P/PCBs-s	**Pesticides/PCB Organics**																
319-84-6	alpha-BHC	ug/kg	90			1.8	U		2	U		2	U		2	U	
319-85-7	beta-BHC	ug/kg	200			1.8	U		5.1		#	2	U		6.2	J	#
319-86-8	delta-BHC	ug/kg	300			1.8	U		2	U		2	U		2	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	60			1.8	U		2	U		2	U		2	U	
76-44-8	Heptachlor	ug/kg	100			1.8	U		2	U		2	U		2	U	
309-00-2	Aldrin	ug/kg	30			1.8	U		2	U		2	U		2	U	
1024-57-3	Heptachlor Epoxide	ug/kg	20			1.8	U		2	U		2	U		2	U	
959-98-8	Endosulfan I	ug/kg	900			1.8	U		2	U		2	U		2	U	
60-57-1	Dieldrin	ug/kg	30			3.5	U		3.9	U		3.9	U		3.8	U	
72-55-9	4,4'-DDE	ug/kg	1700			3.5	U		3.9	U		3.9	U		3.8	U	
72-20-8	Endrin	ug/kg	100			3.5	U		3.9	U		3.9	U		3.8	U	
33213-65-9	Endosulfan II	ug/kg	900			3.5	U		3.9	U		3.9	U		3.8	U	
72-54-8	4,4'-DDD	ug/kg	2400			3.5	U		3	J	#	3.9	U		4	J	#
1031-07-8	Endosulfan Sulfate	ug/kg	1000			3.5	U		3.9	U		3.9	U		3.8	U	
50-29-3	4,4'-DDT	ug/kg	1700			3.5	U		3.9	U		3.9	U		3.8	U	
72-43-5	Methoxychlor	ug/kg	31000			18	U		20	U		20	U		20	U	
53494-70-5	Endrin Ketone	ug/kg	N/A			3.5	U		3.9	U		3.9	U		3.8	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A			3.5	U		3.9	U		3.9	U		3.8	U	
5103-71-9	alpha-Chlordane	ug/kg	540			1.8	U		2	U		2	U		2	U	
5103-74-2	gamma-Chlordane	ug/kg	540			1.8	U		2.3	J	#	2.4	R		2	U	
8001-35-2	Toxaphene	ug/kg	440			180	U		200	U		200	U		200	U	
12674-11-2	Aroclor-1016	ug/kg	390			35	U		39	U		39	U		38	U	
11104-28-2	Aroclor-1221	ug/kg	220			71	U		79	U		79	U		78	U	
11141-16-5	Aroclor-1232	ug/kg	220			35	U		39	U		39	U		38	U	
53469-21-9	Aroclor-1242	ug/kg	220			35	U		39	U		39	U		38	U	
12672-29-6	Aroclor-1248	ug/kg	220			35	U		39	U		39	U		38	U	
11097-69-1	Aroclor-1254	ug/kg	110			35	U		39	U		39	U		38	U	
11096-82-5	Aroclor-1260	ug/kg	220			35	U		39	U		39	U		38	U	

304062

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SSS-HHR-07-0-6 10/26/2001 0 to 0.5 ft.BGS HHR-07			SSS-HHR-08-0-2 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-2-D 10/29/2001 0 to 0.17 ft.BGS HHR-08			SSS-HHR-08-0-6 10/29/2001 0 to 0.5 ft.BGS HHR-08		
Inorg-s	**Inorganic Analytes**																
7429-90-5	Aluminum	mg/kg	7614			5490		#	7450		#	7030		#	7550		#
7440-36-0	Antimony	mg/kg	3.1			1.2	BJ	#	1	BJ	#	0.69	UJ		0.75	BJ	#
7440-38-2	Arsenic	mg/kg	2.4			2.7		A	6.9		A	6.5		A	5.9		A
7440-39-3	Barium	mg/kg	300			19.2	B	#	38	B	#	35	B	#	34.8	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.38	B	A	0.55	B	A	0.5	B	A	0.55	B	A
7440-43-9	Cadmium	mg/kg	1			0.21	U		0.24	U		0.23	U		0.23	U	
7440-70-2	Calcium	mg/kg	N/A			1500		~	1440		~	1300		~	1130	B	~
7440-47-3	Chromium	mg/kg	6.2			6.5		A	9.7		A	9		A	9.5		A
7440-48-4	Cobalt	mg/kg	30			3.6	B	#	5.4	B	#	5.1	B	#	5.1	B	#
7440-50-8	Copper	mg/kg	25			98.5		A	17.1		#	15.8		#	17.3		#
7439-89-6	Iron	mg/kg	10669			11700		A	17900		A	16900		A	18000		A
7439-92-1	Lead	mg/kg	N/A			86.1		~	28.5		~	26.2		~	24.8		~
7439-95-4	Magnesium	mg/kg	N/A			1600		~	1830		~	1670		~	1750		~
7439-96-5	Manganese	mg/kg	340			233	J	#	442	J	A	405	J	A	381	J	A
7439-97-6	Mercury	mg/kg	0.1			0.81		A	0.65		A	0.74		A	0.65		A
7440-02-0	Nickel	mg/kg	13			8.7		#	9.8		#	9.1	B	#	10		#
7440-09-7	Potassium	mg/kg	N/A			716	B	~	819	B	~	771	B	~	765	B	~
7782-49-2	Selenium	mg/kg	2			0.62	U		0.71	U		0.69	U		0.69	U	
7440-22-4	Silver	mg/kg	39			0.21	U		0.24	U		0.23	U		0.23	U	
7440-23-5	Sodium	mg/kg	N/A			385	BJ	~	391	BJ	~	362	BJ	~	379	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.3	B	~	1.9	B	~	1.5	B	~	1.9	B	~
7440-62-2	Vanadium	mg/kg	54.7			14		#	18.3		#	17.3		#	17.7		#
7440-66-6	Zinc	mg/kg	24.2			128		A	50.3		A	47.2		A	49.2		A
Add-I	**Additional Parameters**																
7440-23-5	Sodium	MEQ/kg	N/A			1000	UJ		1800	UL		2100	UL		2100	UL	
GIS-110-012	Total Organic Carbon	mg/kg	N/A			6700	J	~	16500	J	~	17600	J	~	18100	J	~
12408-02-5	pH	S.U.	N/A			6.74		~	5.08		~	5.06		~	4.77		~

304063

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Table 7

Shallow Soil Boring Sample Results

304064

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01	SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01	SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02	SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02	SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02
VOA-s	**Volatile Organics**							
75-71-8	Dichlorodifluoromethane	ug/kg	9400	12 UJ	11 UJ	11 UJ	11 UJ	11 UJ
74-87-3	Chloromethane	ug/kg	1200	12 UJ	11 UJ	11 UJ	11 U	11 UJ
75-01-4	Vinyl Chloride	ug/kg	120	12 U	11 U	11 U	11 U	11 U
74-83-9	Bromomethane	ug/kg	390	12 U	11 U	11 U	11 U	11 U
75-00-3	Chloroethane	ug/kg	1900	12 U	11 U	11 U	11 U	11 U
75-69-4	Trichlorofluoromethane	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
75-35-4	1,1-Dichloroethene	ug/kg	50	12 U	11 U	11 U	11 U	11 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000	2 J #	3 J #	11 U	11 U	3 J #
67-64-1	Acetone	ug/kg	110	12 UJ	11 UJ	11 UJ	11 U	11 UJ
75-15-0	Carbon Disulfide	ug/kg	2700	12 U	11 U	11 U	11 U	11 U
79-20-9	Methyl Acetate	ug/kg	10000	12 UJ	11 UJ	11 UJ	11 UJ	11 UJ
75-09-2	Methylene Chloride	ug/kg	100	12 U	11 U	11 U	5 J #	11 U
156-60-5	trans-1,2-Dichloroethene	ug/kg	300	12 U	11 U	11 U	11 U	11 U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	200	12 U	11 U	11 U	11 U	11 U
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300	12 U	11 U	11 U	11 U	11 U
78-93-3	2-Butanone	ug/kg	300	12 UJ	11 UJ	11 UJ	11 U	11 UJ
67-66-3	Chloroform	ug/kg	40	12 U	11 U	11 U	11 U	11 U
71-55-6	1,1,1-Trichloroethane	ug/kg	760	12 U	11 U	11 U	11 U	11 U
110-82-7	Cyclohexane	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
56-23-5	Carbon Tetrachloride	ug/kg	200	12 U	11 U	11 U	11 U	11 U
71-43-2	Benzene	ug/kg	60	12 U	11 U	11 U	11 U	11 U
107-06-2	1,2-Dichloroethane	ug/kg	100	12 U	11 U	11 U	11 U	11 U
79-01-6	Trichloroethene	ug/kg	700	12 U	11 U	11 U	11 U	11 U
108-87-2	Methylcyclohexane	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
78-87-5	1,2-Dichloropropane	ug/kg	350	12 U	11 U	11 U	11 U	11 U
75-27-4	Bromodichloromethane	ug/kg	1000	12 U	11 U	11 U	11 U	11 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
108-10-1	4-Methyl-2-pentanone	ug/kg	1000	12 U	11 U	11 U	11 U	11 U

304065

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
- -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01	SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01	SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02	SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02	SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02
108-88-3	Toluene	ug/kg	1500	12 U	11 U	11 U	11 U	11 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	12 U	11 U	11 U	11 U	11 U
127-18-4	Tetrachloroethene	ug/kg	1400	12 U	11 U	11 U	11 U	11 U
591-78-6	2-Hexanone	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
124-48-1	Dibromochloromethane	ug/kg	1100	12 U	11 U	11 U	11 U	11 U
106-93-4	1,2-Dibromoethane	ug/kg	10	12 U	11 U	11 U	11 U	11 U
108-90-7	Chlorobenzene	ug/kg	1700	12 U	11 U	11 U	11 U	11 U
100-41-4	Ethylbenzene	ug/kg	5500	12 U	11 U	11 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	1200	12 U	11 U	11 U	11 U	11 U
100-42-5	Styrene	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
75-25-2	Bromoform	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
98-82-8	Isopropylbenzene	ug/kg	10000	12 U	11 U	11 U	11 U	11 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	12 U	11 U	11 U	11 U	11 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	12 U	11 U	11 U	11 U	11 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	12 U	11 U	11 U	11 U	11 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	12 U	11 U	11 U	11 U	11 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	12 U	11 U	11 U	11 U	11 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	12 U	11 U	11 U	11 U	11 U

304066

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01	SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01	SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02	SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02	SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	611000	350 U	350 UJ	350 U	350 U	380 U
108-95-2	Phenol	ug/kg	30	350 U	350 UJ	350 U	350 U	380 U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	350 U	350 UJ	350 U	350 U	380 U
95-57-8	2-Chlorophenol	ug/kg	800	350 U	350 UJ	350 U	350 U	380 U
95-48-7	2-Methylphenol	ug/kg	100	350 U	350 UJ	350 U	350 U	380 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	350 U	350 UJ	350 U	350 U	380 U
98-86-2	Acetophenone	ug/kg	50	350 U	350 UJ	350 U	350 U	380 U
106-44-5	4-Methylphenol	ug/kg	900	350 U	350 UJ	350 U	350 U	380 U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	350 U	350 UJ	350 U	350 U	380 U
67-72-1	Hexachloroethene	ug/kg	6100	350 U	350 UJ	350 U	350 U	380 U
98-95-3	Nitrobenzene	ug/kg	200	350 U	350 UJ	350 U	350 U	380 U
78-59-1	Isophorone	ug/kg	4400	350 U	350 UJ	350 U	350 U	380 U
88-75-5	2-Nitrophenol	ug/kg	330	350 U	350 UJ	350 U	350 U	380 U
105-67-9	2,4-Dimethylphenol	ug/kg	122000	350 U	350 UJ	350 U	350 U	380 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	350 U	350 UJ	350 U	350 U	380 U
120-83-2	2,4-Dichlorophenol	ug/kg	400	350 U	350 UJ	350 U	350 U	380 U
91-20-3	Naphthalene	ug/kg	5600	350 U	350 UJ	350 U	200 J #	380 U
106-47-8	p-Chloroaniline	ug/kg	220	350 UJ	350 UJ	350 UJ	350 UJ	380 UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	350 U	350 UJ	350 U	350 U	380 U
105-60-2	Caprolactam	ug/kg	3055000	350 U	350 UJ	350 U	350 U	380 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	350 U	350 UJ	350 U	350 U	380 U
91-57-6	2-Methylnaphthalene	ug/kg	36400	350 U	350 UJ	350 U	120 J #	380 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	350 U	350 UJ	350 U	350 U	380 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	350 U	350 UJ	350 U	350 U	380 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	890 U	890 UJ	890 U	890 U	940 U
92-52-4	1,1'-Biphenyl	ug/kg	301000	350 U	350 UJ	350 U	350 U	380 U
91-58-7	2-Chloronaphthalene	ug/kg	385000	350 U	350 UJ	350 U	350 U	380 U
88-74-4	2-Nitroaniline	ug/kg	350	890 U	890 UJ	890 U	890 U	940 U
131-11-3	Dimethyl phthalate	ug/kg	2000	350 U	350 UJ	350 U	350 U	380 U
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	350 U	350 UJ	350 U	350 U	380 U
208-96-8	Acenaphthylene	ug/kg	41000	350 U	350 UJ	350 U	350 U	380 U
99-09-2	3-Nitrooaniline	ug/kg	500	890 U	890 UJ	890 U	890 U	940 U
83-32-9	Acenaphthene	ug/kg	50000	350 U	350 UJ	350 U	440 #	380 U

304067

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample's value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01			SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01			SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02			SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02			SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	890	U		890	UJ		890	U		890	U		940	U	
100-02-7	4-Nitrophenol	ug/kg	100	890	UJ		890	UJ		890	UJ		890	UJ		940	UJ	
132-64-9	Dibenzofuran	ug/kg	6200	350	U		350	UJ		350	U		170	J	#	380	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	350	U		350	UJ		350	U		350	U		380	U	
84-66-2	Diethyl phthalate	ug/kg	7100	350	U		350	UJ		350	U		350	U		380	U	
86-73-7	Fluorene	ug/kg	50000	350	U		350	UJ		350	U		270	J	#	380	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	350	U		350	UJ		350	U		350	U		380	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	890	U		890	UJ		890	U		890	U		940	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	890	U		890	UJ		890	U		890	U		940	U	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	350	U		350	UJ		350	U		350	U		380	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	350	U		350	UJ		350	U		350	U		380	U	
118-74-1	Hexachlorobenzene	ug/kg	300	350	U		350	UJ		350	U		350	U		380	U	
1912-24-9	Atrazine	ug/kg	2200	350	U		350	UJ		350	U		350	U		380	U	
87-86-5	Pentachlorophenol	ug/kg	1000	890	U		890	UJ		890	U		890	U		940	U	
85-01-8	Phenanthrene	ug/kg	50000	200	J	#	350	UJ		46	J	#	1400		#	380	U	
120-12-7	Anthracene	ug/kg	50000	53	J	#	350	UJ		40	J	#	350		#	380	U	
86-74-8	Carbazole	ug/kg	24300	350	U		350	UJ		350	U		230	J	#	380	U	
84-74-2	Di-n-butylphthalate	ug/kg	8100	350	U		350	UJ		350	U		350	U		380	U	
206-44-0	Fluoranthene	ug/kg	50000	380		#	350	UJ		160	J	#	1600		#	380	U	
129-00-0	Pyrene	ug/kg	50000	310	J	#	350	UJ		220	J	#	1300		#	380	U	
85-68-7	Benzyl butyl phthalate	ug/kg	50000	350	U		350	UJ		350	U		350	U		380	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	350	UJ		350	UJ		350	UJ		350	UJ		380	UJ	
56-55-3	Benzo(a)anthracene	ug/kg	224	230	J	A	350	UJ		220	J	#	850		A	380	U	
218-01-9	Chrysene	ug/kg	400	200	J	#	350	UJ		190	J	#	770		A	380	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	350	U		350	UJ		350	U		350	U		380	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000	350	U		350	UJ		350	U		350	U		380	U	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	250	J	#	350	UJ		270	J	#	1400		A	40	J	#
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	100	J	#	350	UJ		200	J	#	350	U		380	U	
50-32-8	Benzo(a)pyrene	ug/kg	200	190	J	#	350	UJ		220	J	A	790		A	380	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	100	J	#	350	UJ		100	J	#	370		#	380	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	350	U		350	UJ		350	U		140	J	#	380	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	110	J	#	350	UJ		110	J	#	410		#	380	U	

304068

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01			SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01			SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02			SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02			SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02		
P/PCBs-s	**Pesticides/PCB Organics**																			
319-84-6	alpha-BHC	ug/kg	90			1.8	UJ		1.8	UJ		1.8	UJ		1.8	UJ		1.9	UJ	
319-85-7	beta-BHC	ug/kg	200			1.8	U		1.8	U		1.8	U		1.8	U		1.9	U	
319-86-8	delta-BHC	ug/kg	300			1.8	U		1.8	U		1.8	U		1.8	U		1.9	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	60			1.8	UJ		1.8	UJ		1.8	UJ		1.8	UJ		1.9	UJ	
76-44-8	Heptachlor	ug/kg	100			1.8	U		1.8	U		1.8	U		1.8	U		1.9	U	
309-00-2	Aldrin	ug/kg	30			1.8	U		1.8	U		1.8	U		1.8	U		1.9	U	
1024-57-3	Heptachlor Epoxide	ug/kg	20			1.8	U		1.8	U		1.8	U		1.8	U		1.9	U	
959-98-8	Endosulfan I	ug/kg	900			1.8	U		1.8	U		1.8	U		1.8	U		1.9	U	
60-57-1	Dieldrin	ug/kg	30			3.5	U		3.5	U		3.5	U		3.5	U		3.8	U	
72-55-9	4,4'-DDE	ug/kg	1700			3.5	U		3.5	U		3.5	U		3.5	U		3.8	U	
72-20-8	Endrin	ug/kg	100			3.5	U		3.5	U		3.5	U		3.5	U		3.8	U	
33213-65-9	Endosulfan II	ug/kg	900			3.5	U		3.5	U		3.5	U		3.5	U		3.8	U	
72-54-8	4,4'-DDD	ug/kg	2400			3.5	U		3.5	U		3.5	U		3.5	U		3.8	U	
1031-07-8	Endosulfan Sulfate	ug/kg	1000			3.5	U		3.5	U		3.5	U		3.5	U		3.8	U	
50-29-3	4,4'-DDT	ug/kg	1700			3.5	U		3.5	U		3.5	U		4.4		#	3.8	U	
72-43-5	Methoxychlor	ug/kg	31000			18	U		18	U		18	U		18	U		19	U	
53494-70-5	Endrin Ketone	ug/kg	N/A			3.5	U		3.5	U		3.5	U		3.5	U		3.8	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A			3.5	U		3.5	U		3.5	U		3.5	U		3.8	U	
5103-71-9	alpha-Chlordane	ug/kg	540			1.8	UJ		1.8	UJ		1.8	UJ		1.8	UJ		1.9	UJ	
5103-74-2	gamma-Chlordane	ug/kg	540			1.8	U		1.8	U		1.8	U		1.8	U		1.9	U	
8001-35-2	Toxaphene	ug/kg	440			180	U		180	U		180	U		180	U		190	U	
12674-11-2	Aroclor-1016	ug/kg	390			35	U		35	U		35	U		35	U		38	U	
11104-28-2	Aroclor-1221	ug/kg	220			72	U		72	U		72	U		72	U		76	U	
11141-16-5	Aroclor-1232	ug/kg	220			35	U		35	U		35	U		35	U		38	U	
53469-21-9	Aroclor-1242	ug/kg	220			35	U		35	U		35	U		35	U		38	U	
12672-29-6	Aroclor-1248	ug/kg	220			35	U		35	U		35	U		35	U		38	U	
11097-69-1	Aroclor-1254	ug/kg	110			35	U		35	U		35	U		35	U		38	U	
11096-82-5	Aroclor-1260	ug/kg	220			35	U		35	U		35	U		35	U		38	U	

304069

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01			SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01			SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02			SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02			SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			4530		#	3990		#	4860		#	4110		#	5250		#
7440-36-0	Antimony	mg/kg	3.1			0.75	UJ		0.73	UJ		0.8	UJ		0.78	UJ		0.76	UJ	
7440-38-2	Arsenic	mg/kg	2.4			1.7	B	#	1.2	B	#	1.8	B	#	1.8	B	#	2.3		#
7440-39-3	Barium	mg/kg	300			33.5	B	#	10.9	B	#	18.7	B	#	18.2	B	#	10.5	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.37	B	A	0.3	B	#	0.37	B	A	0.33	B	A	0.36	B	A
7440-43-9	Cadmium	mg/kg	1			0.11	B	#	0.08	U		0.09	U		0.09	U		0.08	U	
7440-70-2	Calcium	mg/kg	N/A			757	B	~	428	B	~	1040	B	~	868	B	~	425	B	~
7440-47-3	Chromium	mg/kg	6.2			5.4		#	4.3		#	5.5		#	4.6		#	5.7		#
7440-48-4	Cobalt	mg/kg	30			2.7	B	#	3.2	B	#	4.4	B	#	2.8	B	#	3.7	B	#
7440-50-8	Copper	mg/kg	25			10.6		#	6		#	7.9		#	9.6		#	9.5		#
7439-89-6	Iron	mg/kg	10669			8450		#	8000		#	8870		#	8060		#	10400		#
7439-92-1	Lead	mg/kg	N/A			13.4		~	2.3		~	11.3		~	13.4		~	3.4		~
7439-95-4	Magnesium	mg/kg	N/A			853	B	~	1110		~	863	B	~	755	B	~	1350		~
7439-96-5	Manganese	mg/kg	340			282		#	150		#	238		#	180		#	258		#
7439-97-6	Mercury	mg/kg	0.1			0.09		#	0.05	U		0.05	B	#	0.05	U		0.07	B	#
7440-02-0	Nickel	mg/kg	13			13.5		A	6.9	B	#	6.5	B	#	5.8	B	#	9.2		#
7440-09-7	Potassium	mg/kg	N/A			266	B	~	330	B	~	314	B	~	272	B	~	426	B	~
7782-49-2	Selenium	mg/kg	2			0.98	U		0.94	U		1	U		1	U		0.98	U	
7440-22-4	Silver	mg/kg	39			0.2	U		0.2	U		0.22	U		0.21	U		0.2	U	
7440-23-5	Sodium	mg/kg	N/A			312	BJ	~	253	BJ	~	319	BJ	~	278	BJ	~	331	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.1	UJ		1	UJ		1.1	UJ		1.1	UJ		1.1	UJ	
7440-62-2	Vanadium	mg/kg	54.7			8.5	B	#	9.4	B	#	9.4	B	#	8.1	B	#	9.5	B	#
7440-66-6	Zinc	mg/kg	24.2			50.9		A	17.9	R		25.3		A	18.8	R		23.2	R	

304070

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBS-01-0-2 12/6/2001 0 to 2 ft.BGS SBS-01			SBS-01-2-4 12/6/2001 2 to 4 ft.BGS SBS-01			SBS-02-0-2 12/6/2001 0 to 2 ft.BGS SBS-02			SBS-02-0-2-D 12/6/2001 0 to 2 ft.BGS SBS-02			SBS-02-2-4 12/6/2001 2 to 4 ft.BGS SBS-02		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			1200	J	~	1500	J	~	1600	J	~	1300	J	~	1600	J	~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			6920	J	~	662	J	~	2920	J	~	3490	J	~	1630	J	~
12408-02-5	pH	S.U.	N/A			7.6		~	7.89		~	7.81		~	7.81		~	8.02		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			3.93		~	8.42		~	5.24		~	3.24		~	9.56		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			6.44		~	10.7		~	7.33		~	4.21		~	14.4		~
No.40(0.425)	No. 40 (0.425)	%	N/A			19.4		~	18.2		~	21.7		~	13.1		~	22.4		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304071

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03			SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03			SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04			SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04			SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	9400			11	UJ		12	UJ		12	UJ		10	UJ		51	UJ	
74-87-3	Chloromethane	ug/kg	1200			11	U		12	U		12	UJ		10	U		51	U	
75-01-4	Vinyl Chloride	ug/kg	120			11	U		12	U		12	U		10	U		51	U	
74-83-9	Bromomethane	ug/kg	390			11	U		12	U		12	U		10	U		51	U	
75-00-3	Chloroethane	ug/kg	1900			11	U		12	U		12	U		10	U		51	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000			11	U		12	U		12	U		10	U		51	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			11	U		12	U		12	U		10	U		51	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			11	U		12	U		12	U		10	U		51	U	
67-64-1	Acetone	ug/kg	110			11	U		68	U		12	UJ		10	U		51	U	
75-15-0	Carbon Disulfide	ug/kg	2700			11	U		12	U		12	U		10	U		51	U	
79-20-9	Methyl Acetate	ug/kg	10000			11	UJ		12	UJ		12	UJ		10	UJ		51	UJ	
75-09-2	Methylene Chloride	ug/kg	100			6	J	#	7	J	#	12	U		5	J	#	28	J	#
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			11	U		12	U		12	U		10	U		51	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			11	U		12	U		12	U		10	U		51	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			11	U		12	U		12	U		10	U		51	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			11	U		12	U		12	U		10	U		51	U	
78-93-3	2-Butanone	ug/kg	300			11	U		12	U		12	UJ		10	U		51	U	
67-66-3	Chloroform	ug/kg	40			11	U		12	U		12	U		10	U		51	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			11	U		12	U		12	U		10	U		51	U	
110-82-7	Cyclohexane	ug/kg	10000			11	U		12	U		12	U		10	U		51	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			11	U		12	U		12	U		10	U		51	U	
71-43-2	Benzene	ug/kg	60			11	U		12	U		12	U		10	U		51	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			11	U		12	U		12	U		10	U		51	U	
79-01-6	Trichloroethene	ug/kg	700			27		#	12	U		12	U		10	U		51	U	
108-87-2	Methylcyclohexane	ug/kg	10000			11	U		12	U		12	U		10	U		51	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			11	U		12	U		12	U		10	U		51	U	
75-27-4	Bromodichloromethane	ug/kg	1000			11	U		12	U		12	U		10	U		51	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			11	U		12	U		12	U		10	U		51	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			11	U		12	U		12	U		10	U		51	U	

304072

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil	SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03	SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03	SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04	SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04	SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05
108-88-3	Toluene	ug/kg	1500	11 U	12 U	12 U	10 U	51 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	11 U	12 U	12 U	10 U	51 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	11 U	12 U	12 U	10 U	51 U
127-18-4	Tetrachloroethene	ug/kg	1400	11 U	12 U	12 U	10 U	51 U
591-78-6	2-Hexanone	ug/kg	10000	11 U	12 U	12 U	10 U	51 U
124-48-1	Dibromochloromethane	ug/kg	1100	11 U	12 U	12 U	10 U	51 U
106-93-4	1,2-Dibromoethane	ug/kg	10	11 U	12 U	12 U	10 U	51 U
108-90-7	Chlorobenzene	ug/kg	1700	11 U	12 U	12 U	10 U	51 U
100-41-4	Ethylbenzene	ug/kg	5500	11 U	12 U	12 U	10 U	51 U
1330-20-7	Xylenes (total)	ug/kg	1200	11 U	12 U	12 U	10 U	51 U
100-42-5	Styrene	ug/kg	10000	11 U	12 U	12 U	10 U	51 U
75-25-2	Bromoform	ug/kg	10000	11 U	12 U	12 U	10 U	51 U
98-82-8	Isopropylbenzene	ug/kg	10000	11 U	12 U	12 U	10 U	51 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	11 U	12 U	12 U	10 U	51 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	11 U	12 U	12 U	10 U	51 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	11 U	12 U	12 U	10 U	51 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	11 U	12 U	12 U	10 U	51 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	11 U	12 U	12 U	10 U	51 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	11 U	12 U	12 U	10 U	51 U

304073

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03			SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03			SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04			SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04			SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05		
SV-1-s	**SemiVolatile Organics - Page 1**																	
100-52-7	Benzaldehyde	ug/kg	611000	350	U		350	U		350	U		360	U		38	J	#
108-95-2	Phenol	ug/kg	30	350	U		350	U		350	U		360	U		44	J	A
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	350	U		350	U		350	U		360	U		370	U	
95-57-8	2-Chlorophenol	ug/kg	800	350	U		350	U		350	U		360	U		370	U	
95-48-7	2-Methylphenol	ug/kg	100	350	U		350	U		350	U		360	U		370	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	350	U		350	U		350	U		360	U		370	U	
98-86-2	Acetophenone	ug/kg	50	350	U		350	U		350	U		360	U		370	U	
106-44-5	4-Methylphenol	ug/kg	900	350	U		350	U		350	U		360	U		370	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	350	U		350	U		350	U		360	U		370	U	
67-72-1	Hexachloroethene	ug/kg	6100	350	U		350	U		350	U		360	U		370	U	
98-95-3	Nitrobenzene	ug/kg	200	350	U		350	U		350	U		360	U		370	U	
78-59-1	Isophorone	ug/kg	4400	350	U		350	U		350	U		360	U		370	U	
88-75-5	2-Nitrophenol	ug/kg	330	350	U		350	U		350	U		360	U		370	U	
105-67-9	2,4-Dimethylphenol	ug/kg	122000	350	U		350	U		350	U		360	U		370	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	350	U		350	U		350	U		360	U		370	U	
120-83-2	2,4-Dichlorophenol	ug/kg	400	350	U		350	U		350	U		360	U		370	U	
91-20-3	Naphthalene	ug/kg	5600	43	J	#	350	U		350	U		360	U		84	J	#
106-47-8	p-Chloroaniline	ug/kg	220	350	UJ		350	UJ		350	UJ		360	UJ		370	UJ	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	350	U		350	U		350	U		360	U		370	U	
105-60-2	Caprolactam	ug/kg	3055000	350	U		350	U		350	U		360	U		370	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	350	U		350	U		350	U		360	U		370	U	
91-57-6	2-Methylnaphthalene	ug/kg	36400	61	J	#	350	U		350	U		360	U		130	J	#
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	350	U		350	U		350	U		360	U		370	U	
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	350	U		350	U		350	U		360	U		370	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	890	U		880	U		870	U		910	U		920	U	
92-52-4	1,1'-Biphenyl	ug/kg	301000	350	U		350	U		350	U		360	U		370	U	
91-58-7	2-Chloronaphthalene	ug/kg	385000	350	U		350	U		350	U		360	U		370	U	
88-74-4	2-Nitroaniline	ug/kg	350	890	U		880	U		870	U		910	U		920	U	
131-11-3	Dimethyl phthalate	ug/kg	2000	350	U		350	U		350	U		360	U		370	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	350	U		350	U		350	U		360	U		370	U	
208-96-8	Acenaphthylene	ug/kg	41000	350	U		350	U		350	U		360	U		45	J	#
99-09-2	3-Nitrooaniline	ug/kg	500	890	U		880	U		870	U		910	U		920	U	
83-32-9	Acenaphthene	ug/kg	50000	87	J	#	350	U		350	U		360	U		370	U	

304074

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03			SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03			SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04			SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04			SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	890	U		880	U		870	U		910	U		920	U	
100-02-7	4-Nitrophenol	ug/kg	100	890	UJ		880	UJ		870	UJ		910	UJ		920	UJ	
132-64-9	Dibenzofuran	ug/kg	6200	48	J	#	350	U		350	U		360	U		40	J	#
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	350	U		350	U		350	U		360	U		370	U	
84-66-2	Diethyl phthalate	ug/kg	7100	350	U		350	U		350	U		360	U		370	U	
86-73-7	Fluorene	ug/kg	50000	68	J	#	350	U		350	U		360	U		39	J	#
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	350	U		350	U		350	U		360	U		370	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	45	J	~	880	U		870	U		910	U		560	J	~
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	890	U		880	U		870	U		910	U		920	U	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	350	U		350	U		350	U		360	U		370	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	350	U		350	U		350	U		360	U		370	U	
118-74-1	Hexachlorobenzene	ug/kg	300	350	U		350	U		350	U		360	U		370	U	
1912-24-9	Atrazine	ug/kg	2200	350	U		350	U		350	U		360	U		370	U	
87-86-5	Pentachlorophenol	ug/kg	1000	890	U		880	U		870	U		910	U		920	U	
85-01-8	Phenanthrene	ug/kg	50000	840		#	350	U		350	U		360	U		270	J	#
120-12-7	Anthracene	ug/kg	50000	170	J	#	350	U		350	U		360	U		83	J	#
86-74-8	Carbazole	ug/kg	24300	120	J	#	350	U		350	U		360	U		40	J	#
84-74-2	Di-n-butylphthalate	ug/kg	8100	350	U		350	U		350	U		360	U		370	U	
206-44-0	Fluoranthene	ug/kg	50000	1400		#	350	U		350	U		360	U		500		#
129-00-0	Pyrene	ug/kg	50000	1100		#	350	U		350	U		360	U		510		#
85-68-7	Benzyl butyl phthalate	ug/kg	50000	350	U		350	U		350	U		360	U		370	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	350	UJ		350	UJ		350	UJ		360	UJ		370	UJ	
56-55-3	Benzo(a)anthracene	ug/kg	224	620		A	350	U		350	U		360	U		370		A
218-01-9	Chrysene	ug/kg	400	610		A	350	U		350	U		360	U		360	J	#
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	350	U		350	U		350	U		360	U		370	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000	350	U		350	U		350	U		360	U		370	U	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	770		A	350	U		350	U		360	U		600		#
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	280	J	#	350	U		350	U		360	U		220	J	#
50-32-8	Benzo(a)pyrene	ug/kg	200	540		A	350	U		350	U		360	U		410		A
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	310	J	#	350	U		350	U		360	U		270	J	#
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	110	J	#	350	U		350	U		360	U		97	J	#
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	360		#	350	U		350	U		360	U		300	J	#

304075

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil		SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03		SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03		SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04			SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04		SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05	
P/PCBs-s	**Pesticides/PCB Organics**														
319-84-6	alpha-BHC	ug/kg	90		1.8	UJ	1.8	UJ	1.8	UJ		1.9	UJ	1.9	UJ
319-85-7	beta-BHC	ug/kg	200		1.8	U	1.8	U	1.8	U		1.9	U	1.9	U
319-86-8	delta-BHC	ug/kg	300		1.8	U	1.8	U	1.8	U		1.9	U	1.9	U
58-89-9	gamma-BHC (Lindane)	ug/kg	60		1.8	UJ	1.8	UJ	1.8	UJ		1.9	UJ	1.9	UJ
76-44-8	Heptachlor	ug/kg	100		1.8	U	1.8	U	1.8	U		1.9	U	1.9	U
309-00-2	Aldrin	ug/kg	30		1.8	U	1.8	U	1.8	U		1.9	U	1.9	U
1024-57-3	Heptachlor Epoxide	ug/kg	20		1.8	U	1.8	U	1.8	U		1.9	U	1.9	U
959-98-8	Endosulfan I	ug/kg	900		1.8	U	1.8	U	1.8	U		1.9	U	1.9	U
60-57-1	Dieldrin	ug/kg	30		3.5	U	3.5	U	14		#	3.6	U	4.2	R
72-55-9	4,4'-DDE	ug/kg	1700		3.5	U	3.5	U	3.5	U		3.6	U	3.7	U
72-20-8	Endrin	ug/kg	100		3.5	U	3.5	U	3.5	U		3.6	U	3.7	U
33213-65-9	Endosulfan II	ug/kg	900		3.5	U	3.5	U	3.5	U		3.6	U	3.7	U
72-54-8	4,4'-DDD	ug/kg	2400		3.5	U	3.5	U	3.5	U		3.6	U	3.7	U
1031-07-8	Endosulfan Sulfate	ug/kg	1000		3.5	U	3.5	U	3.5	U		3.6	U	3.7	U
50-29-3	4,4'-DDT	ug/kg	1700		3.5	U	3.5	U	3.5	U		3.6	U	3.7	U
72-43-5	Methoxychlor	ug/kg	31000		18	U	18	U	18	U		19	U	19	U
53494-70-5	Endrin Ketone	ug/kg	N/A		3.5	U	3.5	U	3.5	U		3.6	U	3.7	U
7421-93-4	Endrin Aldehyde	ug/kg	N/A		3.5	U	3.5	U	3.5	U		3.6	U	3.7	U
5103-71-9	alpha-Chlordane	ug/kg	540		1.8	UJ	1.8	UJ	1.8	UJ		1.9	UJ	1.9	UJ
5103-74-2	gamma-Chlordane	ug/kg	540		1.8	U	1.8	U	1.8	U		1.9	U	1.9	U
8001-35-2	Toxaphene	ug/kg	440		180	U	180	U	180	U		190	U	190	U
12674-11-2	Aroclor-1016	ug/kg	390		35	U	35	U	35	U		36	U	37	U
11104-28-2	Aroclor-1221	ug/kg	220		72	U	71	U	71	U		74	U	74	U
11141-16-5	Aroclor-1232	ug/kg	220		35	U	35	U	35	U		36	U	37	U
53469-21-9	Aroclor-1242	ug/kg	220		35	U	35	U	35	U		36	U	37	U
12672-29-6	Aroclor-1248	ug/kg	220		35	U	35	U	35	U		36	U	37	U
11097-69-1	Aroclor-1254	ug/kg	110		35	U	35	U	35	U		36	U	37	U
11096-82-5	Aroclor-1260	ug/kg	220		35	U	35	U	35	U		36	U	37	U

304076

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03			SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03			SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04			SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04			SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			4110		#	3940		#	3760		#	4540		#	4080		#
7440-36-0	Antimony	mg/kg	3.1			0.78	UJ		0.78	UJ		0.72	UJ		0.79	UJ		0.8	UJ	
7440-38-2	Arsenic	mg/kg	2.4			2.2		#	0.93	B	#	1.4	B	#	1.4	B	#	2.1	B	#
7440-39-3	Barium	mg/kg	300			24	B	#	10.3	B	#	13.3	B	#	13.1	B	#	45.9		#
7440-41-7	Beryllium	mg/kg	0.3			0.33	B	A	0.3	B	#	0.3	B	#	0.32	B	A	0.36	B	A
7440-43-9	Cadmium	mg/kg	1			0.13	B	#	0.08	U		0.08	U		0.09	U		1.8		A
7440-70-2	Calcium	mg/kg	N/A			1490		~	501	B	~	592	B	~	520	B	~	1940		~
7440-47-3	Chromium	mg/kg	6.2			6.1		#	4.2		#	3.7		#	5.3		#	10.5		A
7440-48-4	Cobalt	mg/kg	30			3	B	#	2.4	B	#	2.6	B	#	2.6	B	#	8.9	B	#
7440-50-8	Copper	mg/kg	25			17.1		#	5.1	B	#	28.5		A	16		#	99.6		A
7439-89-6	Iron	mg/kg	10669			9270		#	7970		#	7390		#	9860		#	20800		A
7439-92-1	Lead	mg/kg	N/A			32.2		~	2.5		~	5.3		~	3		~	91.7		~
7439-95-4	Magnesium	mg/kg	N/A			1340		~	934	B	~	943	B	~	964	B	~	1030	B	~
7439-96-5	Manganese	mg/kg	340			209		#	153		#	68.7		#	151		#	2700		A
7439-97-6	Mercury	mg/kg	0.1			0.21		A	0.06	B	#	0.83		A	0.55		A	22.1		A
7440-02-0	Nickel	mg/kg	13			7.4	B	#	6.5	B	#	5.2	B	#	6.8	B	#	85.7		A
7440-09-7	Potassium	mg/kg	N/A			366	B	~	310	B	~	285	B	~	291	B	~	389	B	~
7782-49-2	Selenium	mg/kg	2			1	U		1	U		0.94	U		1	U		1.5		#
7440-22-4	Silver	mg/kg	39			0.21	U		0.21	U		0.2	U		0.21	U		0.58	B	#
7440-23-5	Sodium	mg/kg	N/A			325	BJ	~	288	BJ	~	273	BJ	~	315	BJ	~	3870	J	~
7440-28-0	Thallium	mg/kg	N/A			1.1	UJ		1.1	UJ		1	UJ		1.1	UJ		1.1	UJ	
7440-62-2	Vanadium	mg/kg	54.7			8	B	#	8.4	B	#	7	B	#	10.5	B	#	8	B	#
7440-66-6	Zinc	mg/kg	24.2			37.7		A	18	R		17	R		21.6	R		4100		A

304077

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBS-03-0-2 12/6/2001 0 to 2 ft.BGS SBS-03			SBS-03-2-4 12/6/2001 2 to 4 ft.BGS SBS-03			SBS-04-0-2 12/6/2001 0 to 2 ft.BGS SBS-04			SBS-04-2-4 12/6/2001 2 to 4 ft.BGS SBS-04			SBS-05-0-2 12/6/2001 0 to 2 ft.BGS SBS-05		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			1600	J	~	770	J	~	1200	J	~	1600	J	~	1500	J	~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			7690	J	~	1350	J	~	5600	J	~	4140	J	~	18100	J	~
12408-02-5	pH	S.U.	N/A			8.13		~	8.07		~	7.95		~	7.3		~	7.56		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			5.45		~	7.11		~	1.82		~	6.5		~	11.6		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			8.64		~	4.15		~	2.7		~	13.9		~	19.7		~
No.40(0.425)	No. 40 (0.425)	%	N/A			35.2		~	26.2		~	6.79		~	27.7		~	35.9		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304078

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05			SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01			SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01			SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01			SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01		
VOA-s	**Volatile Organics**																	
75-71-8	Dichlorodifluoromethane	ug/kg	9400	10	UJ		11	U		11	U		10	U		11	U	
74-87-3	Chloromethane	ug/kg	1200	10	U		11	U		11	U		10	U		11	U	
75-01-4	Vinyl Chloride	ug/kg	120	10	U		11	U		11	U		10	U		11	U	
74-83-9	Bromomethane	ug/kg	390	10	U		11	U		11	U		10	U		11	U	
75-00-3	Chloroethane	ug/kg	1900	10	U		11	U		11	U		10	U		11	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000	10	U		11	UJ		11	UJ		10	UJ		11	UJ	
75-35-4	1,1-Dichloroethene	ug/kg	50	10	U		11	U		11	U		10	U		11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000	10	U		11	UJ		11	UJ		10	UJ		11	UJ	
67-64-1	Acetone	ug/kg	110	440	J	A	60	UJ		77	UJ		44	UJ		50	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700	10	U		11	U		11	U		10	U		11	U	
79-20-9	Methyl Acetate	ug/kg	10000	10	UJ		11	U		11	U		10	U		11	U	
75-09-2	Methylene Chloride	ug/kg	100	6	J	#	1	J	#	3	J	#	2	J	#	2	J	#
156-60-5	trans-1,2-Dichloroethene	ug/kg	300	10	U		11	U		11	U		10	U		11	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000	10	U		11	U		11	U		10	U		11	U	
75-34-3	1,1-Dichloroethane	ug/kg	200	10	U		11	U		11	U		10	U		11	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300	10	U		11	U		11	U		10	U		11	U	
78-93-3	2-Butanone	ug/kg	300	10	U		4	J	#	6	J	#	6	J	#	8	J	#
67-66-3	Chloroform	ug/kg	40	10	U		11	UJ		11	UJ		10	UJ		11	UJ	
71-55-6	1,1,1-Trichloroethane	ug/kg	760	10	U		11	U		11	U		10	U		11	U	
110-82-7	Cyclohexane	ug/kg	10000	10	U		11	U		11	U		10	U		11	U	
56-23-5	Carbon Tetrachloride	ug/kg	200	10	U		11	U		11	U		10	U		11	U	
71-43-2	Benzene	ug/kg	60	10	U		11	U		11	U		10	U		11	U	
107-06-2	1,2-Dichloroethane	ug/kg	100	10	U		11	U		11	U		10	U		11	U	
79-01-6	Trichloroethene	ug/kg	700	10	U		11	U		11	U		10	U		11	U	
108-87-2	Methylcyclohexane	ug/kg	10000	10	U		11	U		11	U		10	U		11	U	
78-87-5	1,2-Dichloropropane	ug/kg	350	10	U		11	U		11	U		10	U		11	U	
75-27-4	Bromodichloromethane	ug/kg	1000	10	U		11	U		11	U		10	U		11	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000	10	U		11	U		11	U		10	U		11	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000	10	U		11	U		11	U		10	U		11	U	

304079

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05	SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01	SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01	SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01	SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01
108-88-3	Toluene	ug/kg	1500	10 U	11 U	11 U	10 U	1 J #
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	10 U	11 U	11 U	10 U	11 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	10 U	11 U	11 U	10 U	11 U
127-18-4	Tetrachloroethene	ug/kg	1400	10 U	11 U	11 U	10 U	11 U
591-78-6	2-Hexanone	ug/kg	10000	10 U	11 U	11 U	10 U	11 U
124-48-1	Dibromochloromethane	ug/kg	1100	10 U	11 U	11 U	10 U	11 U
106-93-4	1,2-Dibromoethane	ug/kg	10	10 U	11 U	11 U	10 U	11 U
108-90-7	Chlorobenzene	ug/kg	1700	10 U	11 U	11 U	10 U	11 U
100-41-4	Ethylbenzene	ug/kg	5500	10 U	11 U	11 U	10 U	11 U
1330-20-7	Xylenes (total)	ug/kg	1200	10 U	11 U	11 U	10 U	11 U
100-42-5	Styrene	ug/kg	10000	10 U	11 U	11 U	10 U	11 U
75-25-2	Bromoform	ug/kg	10000	10 U	11 U	11 U	10 U	11 U
98-82-8	Isopropylbenzene	ug/kg	10000	10 U	11 U	11 U	10 U	11 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	10 U	11 U	11 U	10 U	11 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	10 U	11 U	11 U	10 U	11 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	10 U	11 U	11 U	10 U	11 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	10 U	11 U	11 U	10 U	11 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	10 U	11 U	11 U	10 U	11 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	10 U	11 U	11 U	10 U	11 U

304080

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05		SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01		SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01		SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01		SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01	
SV-1-s	**SemiVolatile Organics - Page 1**												
100-52-7	Benzaldehyde	ug/kg	611000	350	U	360	UJ	350	UJ	360	UJ	400	U
108-95-2	Phenol	ug/kg	30	350	U	360	U	350	U	360	U	400	U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	350	U	360	U	350	U	360	U	400	U
95-57-8	2-Chlorophenol	ug/kg	800	350	U	360	U	350	U	360	U	400	U
95-48-7	2-Methylphenol	ug/kg	100	350	U	360	U	350	U	360	U	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	350	U	360	U	350	U	360	U	400	U
98-86-2	Acetophenone	ug/kg	50	350	U	360	U	350	U	360	U	400	U
106-44-5	4-Methylphenol	ug/kg	900	350	U	360	U	350	U	360	U	400	U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	350	U	360	U	350	U	360	U	400	U
67-72-1	Hexachloroethene	ug/kg	6100	350	U	360	U	350	U	360	U	400	U
98-95-3	Nitrobenzene	ug/kg	200	350	U	360	U	350	U	360	U	400	U
78-59-1	Isophorone	ug/kg	4400	350	U	360	U	350	U	360	U	400	U
88-75-5	2-Nitrophenol	ug/kg	330	350	U	360	U	350	U	360	U	400	U
105-67-9	2,4-Dimethylphenol	ug/kg	122000	350	U	360	U	350	U	360	U	400	U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	350	U	360	U	350	U	360	U	400	U
120-83-2	2,4-Dichlorophenol	ug/kg	400	350	U	360	U	350	U	360	U	400	U
91-20-3	Naphthalene	ug/kg	5600	350	U	360	U	350	U	360	U	400	U
106-47-8	p-Chloroaniline	ug/kg	220	350	UJ	360	U	350	U	360	U	400	U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	350	U	360	U	350	U	360	U	400	U
105-60-2	Caprolactam	ug/kg	3055000	350	U	360	U	350	U	360	U	400	U
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	350	U	360	U	350	U	360	U	400	U
91-57-6	2-Methylnaphthalene	ug/kg	36400	350	U	360	U	350	U	360	U	400	U
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	350	U	360	UJ	350	UJ	360	UJ	400	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	350	U	360	U	350	U	360	U	400	U
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	880	U	910	U	890	U	910	U	1000	U
92-52-4	1,1'-Biphenyl	ug/kg	301000	350	U	360	U	350	U	360	U	400	U
91-58-7	2-Chloronaphthalene	ug/kg	385000	350	U	360	U	350	U	360	U	400	U
88-74-4	2-Nitroaniline	ug/kg	350	880	U	910	U	890	U	910	U	1000	U
131-11-3	Dimethyl phthalate	ug/kg	2000	350	U	360	U	350	U	360	U	400	U
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	350	U	360	U	350	U	360	U	400	U
208-96-8	Acenaphthylene	ug/kg	41000	350	U	360	U	350	U	360	U	400	U
99-09-2	3-Nitrooaniline	ug/kg	500	880	U	910	U	890	U	910	U	1000	U
83-32-9	Acenaphthene	ug/kg	50000	350	U	360	U	350	U	360	U	400	U

304081

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05			SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01			SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01			SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01			SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01		
SV-2-s	**SemiVolatile Organics - Page 2**																			
51-28-5	2,4-Dinitrophenol	ug/kg	200			880	U		910	UJ		890	UJ		910	UJ		1000	UJ	
100-02-7	4-Nitrophenol	ug/kg	100			880	UJ		910	UJ		890	UJ		910	UJ		1000	UJ	
132-64-9	Dibenzofuran	ug/kg	6200			350	U		360	U		350	U		360	U		400	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000			350	U		360	U		350	U		360	U		400	U	
84-66-2	Diethyl phthalate	ug/kg	7100			350	U		360	U		350	U		360	U		400	U	
86-73-7	Fluorene	ug/kg	50000			350	U		360	U		350	U		360	U		400	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A			350	U		360	U		350	U		360	U		400	U	
100-01-6	P-Nitroaniline	ug/kg	N/A			50	J	~	910	U		890	U		910	U		1000	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A			880	U		910	UJ		890	UJ		910	UJ		1000	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000			350	U		360	U		350	U		360	U		400	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A			350	U		360	U		350	U		360	U		400	U	
118-74-1	Hexachlorobenzene	ug/kg	300			350	U		360	U		350	U		360	U		400	U	
1912-24-9	Atrazine	ug/kg	2200			350	U		360	U		350	U		360	U		400	U	
87-86-5	Pentachlorophenol	ug/kg	1000			880	U		910	UJ		890	UJ		910	UJ		1000	U	
85-01-8	Phenanthrene	ug/kg	50000			350	U		360	U		350	U		360	U		400	U	
120-12-7	Anthracene	ug/kg	50000			350	U		360	U		350	U		360	U		400	U	
86-74-8	Carbazole	ug/kg	24300			350	U		360	U		350	U		360	U		400	U	
84-74-2	Di-n-butylphthalate	ug/kg	8100			350	U		360	U		350	U		360	U		400	U	
206-44-0	Fluoranthene	ug/kg	50000			350	U		360	U		350	U		360	U		400	U	
129-00-0	Pyrene	ug/kg	50000			350	U		360	U		350	U		360	U		400	U	
85-68-7	Benzyl butyl phthalate	ug/kg	50000			350	U		360	U		350	U		360	U		400	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100			350	UJ		360	U		350	U		360	U		400	U	
56-55-3	Benzo(a)anthracene	ug/kg	224			350	U		360	U		350	U		360	U		400	U	
218-01-9	Chrysene	ug/kg	400			350	U		360	U		350	U		360	U		400	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000			350	U		1100		#	350	U		360	U		400	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000			350	U		360	U		350	U		360	U		400	U	
205-99-2	Benzo(b)fluoranthene	ug/kg	620			350	U		360	U		350	U		360	U		400	U	
207-08-9	Benzo(k)fluoranthene	ug/kg	1100			350	U		360	U		350	U		360	U		400	U	
50-32-8	Benzo(a)pyrene	ug/kg	200			350	U		360	U		350	U		360	U		400	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620			350	U		360	UJ		350	UJ		360	UJ		400	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180			350	U		360	U		350	U		360	U		400	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000			350	U		360	U		350	U		360	U		400	U	

304082

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil		SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05		SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01		SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01		SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01		SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01	
P/PCBs-s	**Pesticides/PCB Organics**													
319-84-6	alpha-BHC	ug/kg	90		1.8	UJ	1.9	U	1.8	U	1.9	U	2.1	U
319-85-7	beta-BHC	ug/kg	200		1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
319-86-8	delta-BHC	ug/kg	300		1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
58-89-9	gamma-BHC (Lindane)	ug/kg	60		1.8	UJ	1.9	U	1.8	U	1.9	U	2.1	U
76-44-8	Heptachlor	ug/kg	100		1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
309-00-2	Aldrin	ug/kg	30		1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
1024-57-3	Heptachlor Epoxide	ug/kg	20		1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
959-98-8	Endosulfan I	ug/kg	900		1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
60-57-1	Dieldrin	ug/kg	30		3.5	U	3.6	U	3.5	U	3.6	U	4	U
72-55-9	4,4'-DDE	ug/kg	1700		3.5	U	3.6	U	3.5	U	3.6	U	4	U
72-20-8	Endrin	ug/kg	100		3.5	U	3.6	U	3.5	U	3.6	U	4	U
33213-65-9	Endosulfan II	ug/kg	900		3.5	U	3.6	U	3.5	U	3.6	U	4	U
72-54-8	4,4'-DDD	ug/kg	2400		3.5	U	3.6	U	3.5	U	3.6	U	4	U
1031-07-8	Endosulfan Sulfate	ug/kg	1000		3.5	U	3.6	U	3.5	U	3.6	U	4	U
50-29-3	4,4'-DDT	ug/kg	1700		3.5	U	3.6	U	3.5	U	3.6	U	4	U
72-43-5	Methoxychlor	ug/kg	31000		18	U	19	U	18	U	19	U	21	U
53494-70-5	Endrin Ketone	ug/kg	N/A		3.5	U	3.6	U	3.5	U	3.6	U	4	U
7421-93-4	Endrin Aldehyde	ug/kg	N/A		3.5	U	3.6	U	3.5	U	3.6	U	4	U
5103-71-9	alpha-Chlordane	ug/kg	540		1.8	UJ	1.9	U	1.8	U	1.9	U	2.1	U
5103-74-2	gamma-Chlordane	ug/kg	540		1.8	U	1.9	U	1.8	U	1.9	U	2.1	U
8001-35-2	Toxaphene	ug/kg	440		180	U	190	U	180	U	190	U	210	U
12674-11-2	Aroclor-1016	ug/kg	390		35	U	36	U	35	U	36	U	40	U
11104-28-2	Aroclor-1221	ug/kg	220		71	U	74	U	72	U	74	U	82	U
11141-16-5	Aroclor-1232	ug/kg	220		35	U	36	U	35	U	36	U	40	U
53469-21-9	Aroclor-1242	ug/kg	220		35	U	36	U	35	U	36	U	40	U
12672-29-6	Aroclor-1248	ug/kg	220		35	U	66	#	35	U	36	U	40	U
11097-69-1	Aroclor-1254	ug/kg	110		35	U	36	U	35	U	36	U	40	U
11096-82-5	Aroclor-1260	ug/kg	220		35	U	36	U	35	U	36	U	40	U

304083

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05			SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01			SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01			SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01			SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			3680		#	4460		#	2850		#	3580		#	5400		#
7440-36-0	Antimony	mg/kg	3.1			0.76	UJ		0.76	U		0.79	U		0.78	U		0.9	U	
7440-38-2	Arsenic	mg/kg	2.4			0.75	B	#	2.8		A	1.4	B	#	0.97	B	#	4.4		A
7440-39-3	Barium	mg/kg	300			10	B	#	15.4	B	#	6.9	B	#	7.7	B	#	11.4	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.24	B	#	0.36	B	A	0.22	B	#	0.26	B	#	0.35	B	A
7440-43-9	Cadmium	mg/kg	1			0.11	B	#	0.08	U		0.09	U		0.08	U		0.1	U	
7440-70-2	Calcium	mg/kg	N/A			949	B	~	1520	J	~	439	B	~	428	B	~	753	B	~
7440-47-3	Chromium	mg/kg	6.2			5		#	6.2	J	#	3.2	J	#	4.1	J	#	6.4	J	A
7440-48-4	Cobalt	mg/kg	30			4.5	B	#	3.1	B	#	2.4	B	#	3.2	B	#	5	B	#
7440-50-8	Copper	mg/kg	25			12		#	10	J	#	6.3	J	#	8.3	J	#	14.5	J	#
7439-89-6	Iron	mg/kg	10669			7630		#	9230		#	5930		#	8010		#	12600		A
7439-92-1	Lead	mg/kg	N/A			13.1		~	7.8		~	2.3		~	3		~	4.7		~
7439-95-4	Magnesium	mg/kg	N/A			1050		~	1730		~	949	B	~	1130		~	1690		~
7439-96-5	Manganese	mg/kg	340			133		#	203		#	125		#	228		#	436		A
7439-97-6	Mercury	mg/kg	0.1			4.6		A	0.055	U		0.053	U		0.051	U		0.047	U	
7440-02-0	Nickel	mg/kg	13			7.5	B	#	7.9	B	#	5	B	#	6.5	B	#	10.3		#
7440-09-7	Potassium	mg/kg	N/A			343	B	~	357	B	~	286	B	~	358	B	~	530	B	~
7782-49-2	Selenium	mg/kg	2			0.99	U		0.99	U		1	U		1	U		1.2	U	
7440-22-4	Silver	mg/kg	39			0.21	U		0.21	U		0.21	U		0.21	U		0.24	U	
7440-23-5	Sodium	mg/kg	N/A			298	BJ	~	169	BJ	~	223	BJ	~	218	BJ	~	241	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.1	UJ		1.1	UJ		1.1	UJ		1.1	UJ		1.3	UJ	
7440-62-2	Vanadium	mg/kg	54.7			8.2	B	#	8	B	#	5.7	B	#	7.3	B	#	9.8	B	#
7440-66-6	Zinc	mg/kg	24.2			57.5		A	20.6	J	#	16.6	J	#	20	J	#	31	J	A

304084

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBS-05-2-4 12/6/2001 2 to 4 ft.BGS SBS-05			SBW-01-0-2 11/30/2001 0 to 2 ft.BGS SBW-01			SBW-01-2-4 11/30/2001 2 to 4 ft.BGS SBW-01			SBW-01-4-6 11/30/2001 4 to 6 ft.BGS SBW-01			SBW-01-6-8 11/30/2001 6 to 8 ft.BGS SBW-01		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			1100	J	~	530		~	210		~	330		~	500		~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			1810	J	~	5400		~	1420		~	361		~	537		~
12408-02-5	pH	S.U.	N/A			8.03		~	7.33		~	7.23		~	6.61		~	6.41		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			2.38		~	2.17		~	0.18		~	1.63		~	3.27		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			8.55		~	2.71		~	1.31		~	4.2		~	12.2		~
No.40(0.425)	No. 40 (0.425)	%	N/A			24.7		~	12.2		~	15.1		~	11.7		~	14.1		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304085

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01			SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02			SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02			SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02			SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	9400			13	U		13	U		54	U		57	U		12	U	
74-87-3	Chloromethane	ug/kg	1200			13	U		13	U		54	U		57	U		12	U	
75-01-4	Vinyl Chloride	ug/kg	120			13	U		13	U		54	U		57	U		12	U	
74-83-9	Bromomethane	ug/kg	390			13	U		13	U		54	U		57	U		12	U	
75-00-3	Chloroethane	ug/kg	1900			13	U		13	U		54	U		57	U		12	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000			13	UJ		13	U		54	U		57	U		12	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			13	U		13	U		54	U		57	U		12	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			13	UJ		13	U		54	U		57	U		12	U	
67-64-1	Acetone	ug/kg	110			28	UJ		13	UJ		54	UJ		57	UJ		12	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700			13	U		13	U		54	U		57	U		12	U	
79-20-9	Methyl Acetate	ug/kg	10000			13	U		13	UJ		54	UJ		57	UJ		12	UJ	
75-09-2	Methylene Chloride	ug/kg	100			2	J	#	13	U		54	U		57	U		12	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			13	U		13	U		54	U		57	U		12	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			13	U		13	U		54	U		57	U		12	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			13	U		13	U		54	U		57	U		12	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			13	U		13	U		54	U		57	U		12	U	
78-93-3	2-Butanone	ug/kg	300			6	J	#	13	U		54	U		57	U		12	U	
67-66-3	Chloroform	ug/kg	40			13	UJ		13	U		54	U		57	U		12	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			13	U		13	U		54	U		57	U		12	U	
110-82-7	Cyclohexane	ug/kg	10000			13	U		13	U		54	U		57	U		12	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			13	U		13	U		54	U		57	U		12	U	
71-43-2	Benzene	ug/kg	60			13	U		13	U		54	U		57	U		12	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			13	U		13	U		54	U		57	U		12	U	
79-01-6	Trichloroethene	ug/kg	700			13	U		13	U		54	U		57	U		12	U	
108-87-2	Methylcyclohexane	ug/kg	10000			13	U		13	U		54	U		57	U		12	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			13	U		13	U		54	U		57	U		12	U	
75-27-4	Bromodichloromethane	ug/kg	1000			13	U		13	U		54	U		57	U		12	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			13	U		13	U		54	U		57	U		12	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			13	U		13	U		54	U		57	U		12	U	

304086

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01	SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02	SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02	SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02	SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02
108-88-3	Toluene	ug/kg	1500	13 U	13 U	54 U	57 U	12 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	13 U	13 U	54 U	57 U	12 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	13 U	13 U	54 U	57 U	12 U
127-18-4	Tetrachloroethene	ug/kg	1400	13 U	13 U	54 U	57 U	12 U
591-78-6	2-Hexanone	ug/kg	10000	13 U	13 U	54 U	57 U	12 U
124-48-1	Dibromochloromethane	ug/kg	1100	13 U	13 U	54 U	57 U	12 U
106-93-4	1,2-Dibromoethane	ug/kg	10	13 U	13 U	54 U	57 U	12 U
108-90-7	Chlorobenzene	ug/kg	1700	13 U	13 U	54 U	57 U	12 U
100-41-4	Ethylbenzene	ug/kg	5500	13 U	13 U	54 U	57 U	12 U
1330-20-7	Xylenes (total)	ug/kg	1200	13 U	13 U	54 U	57 U	12 U
100-42-5	Styrene	ug/kg	10000	13 U	13 U	54 U	57 U	12 U
75-25-2	Bromoform	ug/kg	10000	13 U	13 U	54 U	57 U	12 U
98-82-8	Isopropylbenzene	ug/kg	10000	13 U	13 U	54 U	57 U	12 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	13 U	13 U	54 U	57 U	12 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	13 U	13 U	54 U	57 U	12 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	13 U	13 U	54 U	57 U	12 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	13 U	13 U	54 U	57 U	12 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	13 U	13 U	54 U	57 U	12 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	13 U	13 U	54 U	57 U	12 U

304087

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01		SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02		SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02		SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02		SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02	
SV-1-s	**SemiVolatile Organics - Page 1**												
100-52-7	Benzaldehyde	ug/kg	611000	420	U	350	UJ	360	UJ	380	UJ	400	UJ
108-95-2	Phenol	ug/kg	30	420	U	350	UJ	360	UJ	380	UJ	400	UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	420	U	350	UJ	360	UJ	380	UJ	400	UJ
95-57-8	2-Chlorophenol	ug/kg	800	420	U	350	UJ	360	UJ	380	UJ	400	UJ
95-48-7	2-Methylphenol	ug/kg	100	420	U	350	UJ	360	UJ	380	UJ	400	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	420	U	350	UJ	360	UJ	380	UJ	400	UJ
98-86-2	Acetophenone	ug/kg	50	420	U	350	UJ	360	UJ	380	UJ	400	UJ
106-44-5	4-Methylphenol	ug/kg	900	420	U	350	UJ	360	UJ	380	UJ	400	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	420	U	350	UJ	360	UJ	380	UJ	400	UJ
67-72-1	Hexachloroethene	ug/kg	6100	420	U	350	UJ	360	UJ	380	UJ	400	UJ
98-95-3	Nitrobenzene	ug/kg	200	420	U	350	UJ	360	UJ	380	UJ	400	UJ
78-59-1	Isophorone	ug/kg	4400	420	U	350	UJ	360	UJ	380	UJ	400	UJ
88-75-5	2-Nitrophenol	ug/kg	330	420	U	350	UJ	360	UJ	380	UJ	400	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	122000	420	U	350	UJ	360	UJ	380	UJ	400	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	420	U	350	UJ	360	UJ	380	UJ	400	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	400	420	U	350	UJ	360	UJ	380	UJ	400	UJ
91-20-3	Naphthalene	ug/kg	5600	420	U	350	UJ	360	UJ	380	UJ	400	UJ
106-47-8	p-Chloroaniline	ug/kg	220	420	U	350	UJ	360	UJ	380	UJ	400	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	420	U	350	UJ	360	UJ	380	UJ	400	UJ
105-60-2	Caprolactam	ug/kg	3055000	420	U	350	UJ	360	UJ	380	UJ	400	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	420	U	350	UJ	360	UJ	380	UJ	400	UJ
91-57-6	2-Methylnaphthalene	ug/kg	36400	420	U	48	J #	360	UJ	380	UJ	400	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	420	UJ	350	UJ	360	UJ	380	UJ	400	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	420	U	350	UJ	360	UJ	380	UJ	400	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	1100	U	890	UJ	900	UJ	940	UJ	1000	UJ
92-52-4	1,1'-Biphenyl	ug/kg	301000	420	U	350	UJ	360	UJ	380	UJ	400	UJ
91-58-7	2-Chloronaphthalene	ug/kg	385000	420	U	350	UJ	360	UJ	380	UJ	400	UJ
88-74-4	2-Nitroaniline	ug/kg	350	1100	U	890	UJ	900	UJ	940	UJ	1000	UJ
131-11-3	Dimethyl phthalate	ug/kg	2000	420	U	350	UJ	360	UJ	380	UJ	400	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	420	U	350	UJ	360	UJ	380	UJ	400	UJ
208-96-8	Acenaphthylene	ug/kg	41000	420	U	350	UJ	360	UJ	380	UJ	400	UJ
99-09-2	3-Nitrooaniline	ug/kg	500	1100	U	890	UJ	900	UJ	940	UJ	1000	UJ
83-32-9	Acenaphthene	ug/kg	50000	420	U	350	UJ	360	UJ	380	UJ	400	UJ

304088

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatior	Combined Screening Criteria for Soil	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01	SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02	SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02	SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02	SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02
SV-2-s	**SemiVolatile Organics - Page 2**							
51-28-5	2,4-Dinitrophenol	ug/kg	200	1100 UJ	890 UJ	900 UJ	940 UJ	1000 UJ
100-02-7	4-Nitrophenol	ug/kg	100	1100 UJ	890 UJ	900 UJ	940 UJ	1000 UJ
132-64-9	Dibenzofuran	ug/kg	6200	420 U	350 UJ	360 UJ	380 UJ	400 UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	420 U	350 UJ	360 UJ	380 UJ	400 UJ
84-66-2	Diethyl phthalate	ug/kg	7100	420 U	350 UJ	360 UJ	380 UJ	400 UJ
86-73-7	Fluorene	ug/kg	50000	420 U	350 UJ	360 UJ	380 UJ	400 UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	420 U	350 UJ	360 UJ	380 UJ	400 UJ
100-01-6	P-Nitroaniline	ug/kg	N/A	1100 U	890 UJ	900 UJ	940 UJ	1000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1100 UJ	890 UJ	900 UJ	940 UJ	1000 UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	420 U	350 UJ	360 UJ	380 UJ	400 UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	420 U	350 UJ	360 UJ	380 UJ	400 UJ
118-74-1	Hexachlorobenzene	ug/kg	300	420 U	350 UJ	360 UJ	380 UJ	400 UJ
1912-24-9	Atrazine	ug/kg	2200	420 U	350 UJ	360 UJ	380 UJ	400 UJ
87-86-5	Pentachlorophenol	ug/kg	1000	1100 U	890 UJ	900 UJ	940 UJ	1000 UJ
85-01-8	Phenanthrene	ug/kg	50000	420 U	160 J #	360 UJ	110 J #	400 UJ
120-12-7	Anthracene	ug/kg	50000	420 U	47 J #	360 UJ	380 UJ	400 UJ
86-74-8	Carbazole	ug/kg	24300	420 U	350 UJ	360 UJ	380 UJ	400 UJ
84-74-2	Di-n-butylphthalate	ug/kg	8100	420 U	350 UJ	360 UJ	380 UJ	400 UJ
206-44-0	Fluoranthene	ug/kg	50000	420 U	530 J #	360 UJ	150 J #	400 UJ
129-00-0	Pyrene	ug/kg	50000	420 U	570 J #	360 UJ	120 J #	400 UJ
85-68-7	Benzyl butyl phthalate	ug/kg	50000	420 U	350 UJ	360 UJ	380 UJ	400 UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	420 U	350 UJ	360 UJ	380 UJ	400 UJ
56-55-3	Benzo(a)anthracene	ug/kg	224	420 U	340 J A	360 UJ	48 J #	400 UJ
218-01-9	Chrysene	ug/kg	400	420 U	290 J #	360 UJ	56 J #	400 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	420 U	350 UJ	360 UJ	380 UJ	400 UJ
117-84-0	Di-n-octylphthalate	ug/kg	50000	48 J #	350 UJ	360 UJ	380 UJ	400 UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	620	420 U	420 J #	360 UJ	68 J #	400 UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	420 U	110 J #	360 UJ	380 UJ	400 UJ
50-32-8	Benzo(a)pyrene	ug/kg	200	420 U	280 J A	360 UJ	50 J #	400 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	420 U	140 J #	360 UJ	380 UJ	400 UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	420 U	52 J #	360 UJ	380 UJ	400 UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	420 U	160 J #	360 UJ	380 UJ	400 UJ

3040089

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01	SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02	SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02	SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02	SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02
P/PCBs-s	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/kg	90	2.2 U	1.8 UJ	1.8 UJ	1.9 UJ	2.1 UJ
319-85-7	beta-BHC	ug/kg	200	2.2 U	1.8 U	1.8 U	1.9 U	2.1 U
319-86-8	delta-BHC	ug/kg	300	2.2 U	1.8 U	1.8 U	1.9 U	2.1 U
58-89-9	gamma-BHC (Lindane)	ug/kg	60	2.2 U	1.8 UJ	1.8 UJ	1.9 UJ	2.1 UJ
76-44-8	Heptachlor	ug/kg	100	2.2 U	1.8 U	1.8 U	1.9 U	2.1 U
309-00-2	Aldrin	ug/kg	30	2.2 U	1.8 U	1.8 U	1.9 U	2.1 U
1024-57-3	Heptachlor Epoxide	ug/kg	20	2.2 U	1.8 U	1.8 U	1.9 U	2.1 U
959-98-8	Endosulfan I	ug/kg	900	2.2 U	1.8 U	1.8 U	1.9 U	2.1 U
60-57-1	Dieldrin	ug/kg	30	4.2 U	3.5 U	3.6 U	3.8 U	4 U
72-55-9	4,4'-DDE	ug/kg	1700	4.2 U	3.5 U	3.6 U	3.8 U	4 U
72-20-8	Endrin	ug/kg	100	4.2 U	3.5 U	3.6 U	3.8 U	4 U
33213-65-9	Endosulfan II	ug/kg	900	4.2 U	3.5 U	3.6 U	3.8 U	4 U
72-54-8	4,4'-DDD	ug/kg	2400	4.2 U	3.5 U	3.6 U	3.8 U	4 U
1031-07-8	Endosulfan Sulfate	ug/kg	1000	4.2 U	3.5 U	3.6 U	3.8 U	4 U
50-29-3	4,4'-DDT	ug/kg	1700	4.2 U	3.5 U	3.6 U	3.8 U	4 U
72-43-5	Methoxychlor	ug/kg	31000	22 U	18 U	18 U	19 U	21 U
53494-70-5	Endrin Ketone	ug/kg	N/A	4.2 U	3.5 U	3.6 U	3.8 U	4 U
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4.2 U	3.5 U	3.6 U	3.8 U	4 U
5103-71-9	alpha-Chlordane	ug/kg	540	2.2 U	1.8 UJ	1.8 UJ	1.9 UJ	2.1 UJ
5103-74-2	gamma-Chlordane	ug/kg	540	2.2 U	1.8 U	1.8 U	1.9 U	2.1 U
8001-35-2	Toxaphene	ug/kg	440	220 U	180 U	180 U	190 U	210 U
12674-11-2	Aroclor-1016	ug/kg	390	42 U	35 U	36 U	38 U	40 U
11104-28-2	Aroclor-1221	ug/kg	220	86 U	72 U	73 U	76 U	82 U
11141-16-5	Aroclor-1232	ug/kg	220	42 U	35 U	36 U	38 U	40 U
53469-21-9	Aroclor-1242	ug/kg	220	42 U	35 U	36 U	38 U	40 U
12672-29-6	Aroclor-1248	ug/kg	220	42 U	35 U	36 U	38 U	40 U
11097-69-1	Aroclor-1254	ug/kg	110	42 U	35 U	36 U	38 U	40 U
11096-82-5	Aroclor-1260	ug/kg	220	42 U	35 U	36 U	38 U	40 U

304090

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01			SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02			SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02			SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02			SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			6240		#	3930		#	5190		#	4900		#	5010		#
7440-36-0	Antimony	mg/kg	3.1			0.89	U		0.75	UJ		0.82	UJ		0.85	UJ		0.86	UJ	
7440-38-2	Arsenic	mg/kg	2.4			5.2		A	1.1	B	#	2.2	B	#	2.6		A	2.3	B	#
7440-39-3	Barium	mg/kg	300			17.8	B	#	8.4	B	#	9.9	B	#	10.9	B	#	12	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.4	B	A	0.31	B	A	0.36	B	A	0.37	B	A	0.4	B	A
7440-43-9	Cadmium	mg/kg	1			0.1	U		0.08	U		0.09	U		0.09	U		0.09	U	
7440-70-2	Calcium	mg/kg	N/A			1170	B	~	313	B	~	372	B	~	799	B	~	899	B	~
7440-47-3	Chromium	mg/kg	6.2			7.4	J	A	5		#	5.9		#	4.8		#	5.5		#
7440-48-4	Cobalt	mg/kg	30			5.8	B	#	2.6	B	#	3.7	B	#	4.2	B	#	4.1	B	#
7440-50-8	Copper	mg/kg	25			17	J	#	5.3		#	10.3		#	13.3		#	13.7		#
7439-89-6	Iron	mg/kg	10669			15300		A	7420		#	9840		#	10300		#	11200		A
7439-92-1	Lead	mg/kg	N/A			5.4		~	4.6		~	3.2		~	3.7		~	3.8		~
7439-95-4	Magnesium	mg/kg	N/A			2010		~	980	B	~	1450		~	1600		~	1630		~
7439-96-5	Manganese	mg/kg	340			494		A	180		#	209		#	390		A	413		A
7439-97-6	Mercury	mg/kg	0.1			0.061	U		0.07	B	#	0.06	U		0.06	U		0.05	U	
7440-02-0	Nickel	mg/kg	13			12.8		#	5.8	B	#	7.1	B	#	9.2	B	#	9	B	#
7440-09-7	Potassium	mg/kg	N/A			540	B	~	264	B	~	396	B	~	486	B	~	472	B	~
7782-49-2	Selenium	mg/kg	2			1.2	U		0.97	U		1.1	U		1.1	U		1.1	U	
7440-22-4	Silver	mg/kg	39			0.24	U		0.2	U		0.22	U		0.23	U		0.23	U	
7440-23-5	Sodium	mg/kg	N/A			307	BJ	~	197	BJ	~	257	BJ	~	231	BJ	~	250	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.3	UJ		1	UJ		1.2	UJ		1.2	UJ		1.2	UJ	
7440-62-2	Vanadium	mg/kg	54.7			12.1		#	8.2	B	#	9.4	B	#	8.3	B	#	8.8	B	#
7440-66-6	Zinc	mg/kg	24.2			32.5	J	A	13.7	R		17.2	R		22.6	R		22.6	R	

304091

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SBW-01-8-10 11/30/2001 8 to 10 ft.BGS SBW-01			SBW-02-0-2 12/6/2001 0 to 2 ft.BGS SBW-02			SBW-02-2-4 12/6/2001 2 to 4 ft.BGS SBW-02			SBW-02-4-6 12/6/2001 4 to 6 ft.BGS SBW-02			SBW-02-6-8 12/6/2001 6 to 8 ft.BGS SBW-02		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			710		~	660	J	~	1600	J	~	1200	J	~	2100	J	~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			551		~	962	J	~	480	J	~	465	J	~	664	J	~
12408-02-5	pH	S.U.	N/A			6.71		~	7.47		~	7.29		~	7.31		~	7.16		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			1.57		~	10.1		~	8.69		~	7.48		~	11.1		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			17.6		~	6.6		~	12.8		~	8.42		~	13.8		~
No.40(0.425)	No. 40 (0.425)	%	N/A			20.9		~	28.6		~	13.4		~	11		~	18.3		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304092

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02	SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03	SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03	SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03	SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03
VOA-s	**Volatile Organics**							
75-71-8	Dichlorodifluoromethane	ug/kg	9400	52 U	11 U	12 U	12 U	11 U
74-87-3	Chloromethane	ug/kg	1200	52 U	11 U	12 U	12 U	11 U
75-01-4	Vinyl Chloride	ug/kg	120	52 U	11 U	12 U	12 U	11 U
74-83-9	Bromomethane	ug/kg	390	52 U	11 U	12 U	12 U	11 U
75-00-3	Chloroethane	ug/kg	1900	52 U	11 U	12 U	12 U	11 U
75-69-4	Trichlorofluoromethane	ug/kg	10000	52 U	11 UJ	12 UJ	12 UJ	11 U
75-35-4	1,1-Dichloroethene	ug/kg	50	52 U	11 U	12 U	12 U	11 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000	52 U	11 UJ	12 UJ	12 UJ	11 U
67-64-1	Acetone	ug/kg	110	52 UJ	56 UJ	55 UJ	47 UJ	62 UJ
75-15-0	Carbon Disulfide	ug/kg	2700	52 U	11 U	12 U	12 U	11 U
79-20-9	Methyl Acetate	ug/kg	10000	52 UJ	11 U	12 U	12 U	11 U
75-09-2	Methylene Chloride	ug/kg	100	52 U	1 J #	2 J #	2 J #	2 J #
156-60-5	trans-1,2-Dichloroethene	ug/kg	300	52 U	11 U	12 U	12 U	11 U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000	52 U	11 U	12 U	12 U	11 U
75-34-3	1,1-Dichloroethane	ug/kg	200	52 U	11 U	12 U	12 U	11 U
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300	52 U	11 U	12 U	12 U	11 U
78-93-3	2-Butanone	ug/kg	300	52 U	5 J #	8 J #	7 J #	9 J #
67-66-3	Chloroform	ug/kg	40	52 U	11 UJ	12 UJ	12 UJ	11 U
71-55-6	1,1,1-Trichloroethane	ug/kg	760	52 U	11 U	12 U	12 U	11 U
110-82-7	Cyclohexane	ug/kg	10000	52 U	11 U	12 U	12 U	11 U
56-23-5	Carbon Tetrachloride	ug/kg	200	52 U	11 U	12 U	12 U	11 U
71-43-2	Benzene	ug/kg	60	52 U	11 U	12 U	12 U	11 U
107-06-2	1,2-Dichloroethane	ug/kg	100	52 U	11 U	12 U	12 U	11 U
79-01-6	Trichloroethene	ug/kg	700	52 U	11 U	12 U	12 U	11 U
108-87-2	Methylcyclohexane	ug/kg	10000	52 U	11 U	12 U	12 U	11 U
78-87-5	1,2-Dichloropropane	ug/kg	350	52 U	11 U	12 U	12 U	11 U
75-27-4	Bromodichloromethane	ug/kg	1000	52 U	11 U	12 U	12 U	11 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000	52 U	11 U	12 U	12 U	11 U
108-10-1	4-Methyl-2-pentanone	ug/kg	1000	52 U	11 U	5 J #	12 U	11 U

304093

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02	SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03	SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03	SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03	SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03
108-88-3	Toluene	ug/kg	1500	52 U	11 U	12 U	12 U	2 J #
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	52 U	11 U	12 U	12 U	11 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	52 U	11 U	12 U	12 U	11 U
127-18-4	Tetrachloroethene	ug/kg	1400	52 U	11 U	12 U	12 U	11 U
591-78-6	2-Hexanone	ug/kg	10000	52 U	11 U	12 U	12 U	11 U
124-48-1	Dibromochloromethane	ug/kg	1100	52 U	11 U	12 U	12 U	11 U
106-93-4	1,2-Dibromoethane	ug/kg	10	52 U	11 U	12 U	12 U	11 U
108-90-7	Chlorobenzene	ug/kg	1700	52 U	11 U	12 U	12 U	11 U
100-41-4	Ethylbenzene	ug/kg	5500	52 U	11 U	12 U	12 U	11 U
1330-20-7	Xylenes (total)	ug/kg	1200	52 U	11 U	12 U	12 U	11 U
100-42-5	Styrene	ug/kg	10000	52 U	11 U	12 U	12 U	11 U
75-25-2	Bromoform	ug/kg	10000	52 U	11 U	12 U	12 U	11 U
98-82-8	Isopropylbenzene	ug/kg	10000	52 U	11 U	12 U	12 U	11 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	52 U	11 U	12 U	12 U	11 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	52 U	11 U	12 U	12 U	11 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	52 U	11 U	12 U	12 U	11 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	52 U	11 U	12 U	12 U	11 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	52 U	11 U	12 U	12 U	11 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	52 U	11 U	12 U	12 U	11 U

304094

COMPARISON FLAGS:
A -- De[redacted] sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02			SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03			SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03			SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03			SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03			
SV-1-s	**SemiVolatile Organics - Page 1**																				
100-52-7	Benzaldehyde	ug/kg	611000			410	UJ		360	U		350	U		350	U		410	U		
108-95-2	Phenol	ug/kg	30			410	UJ		360	U		350	U		350	U		410	U		
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210			410	UJ		360	U		350	U		350	U		410	U		
95-57-8	2-Chlorophenol	ug/kg	800			410	UJ		360	U		350	U		350	U		410	U		
95-48-7	2-Methylphenol	ug/kg	100			410	UJ		360	U		350	U		350	U		410	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900			410	UJ		360	U		350	U		350	U		410	U		
98-86-2	Acetophenone	ug/kg	50			410	UJ		360	U		350	U		350	U		410	U		
106-44-5	4-Methylphenol	ug/kg	900			410	UJ		360	U		350	U		350	U		410	U		
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70			410	UJ		360	U		350	U		350	U		410	U		
67-72-1	Hexachloroethene	ug/kg	6100			410	UJ		360	U		350	U		350	U		410	U		
98-95-3	Nitrobenzene	ug/kg	200			410	UJ		360	U		350	U		350	U		410	U		
78-59-1	Isophorone	ug/kg	4400			410	UJ		360	U		350	U		350	U		410	U		
88-75-5	2-Nitrophenol	ug/kg	330			410	UJ		360	U		350	U		350	U		410	U		
105-67-9	2,4-Dimethylphenol	ug/kg	122000			410	UJ		360	U		350	U		350	U		410	U		
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A			410	UJ		360	U		350	U		350	U		410	U		
120-83-2	2,4-Dichlorophenol	ug/kg	400			410	UJ		360	U		350	U		350	U		410	U		
91-20-3	Naphthalene	ug/kg	5600			410	UJ		360	U		350	U		350	U		410	U		
106-47-8	p-Chloroaniline	ug/kg	220			410	UJ		360	U		350	U		350	U		410	U		
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800			410	UJ		360	U		350	U		350	U		410	U		
105-60-2	Caprolactam	ug/kg	3055000			410	UJ		360	U		350	U		350	U		23	J	#	
59-50-7	4-Chloro-3-methylphenol	ug/kg	240			410	UJ		360	U		350	U		350	U		410	U		
91-57-6	2-Methylnaphthalene	ug/kg	36400			410	UJ		360	U		350	U		350	U		410	U		
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000			410	UJ		360	UJ		350	UJ		350	UJ		410	UJ		
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000			410	UJ		360	U		350	U		350	U		410	U		
95-95-4	2,4,5-Trichlorophenol	ug/kg	100			1000	UJ		900	U		890	U		890	U		1000	U		
92-52-4	1,1'-Biphenyl	ug/kg	301000			410	UJ		360	U		350	U		350	U		410	U		
91-58-7	2-Chloronaphthalene	ug/kg	385000			410	UJ		360	U		350	U		350	U		410	U		
88-74-4	2-Nitroaniline	ug/kg	350			1000	UJ		900	U		890	U		890	U		1000	U		
131-11-3	Dimethyl phthalate	ug/kg	2000			410	UJ		360	U		350	U		350	U		410	U		
606-20-2	2,6-Dinitrotoluene	ug/kg	1000			410	UJ		360	U		350	U		350	U		410	U		
208-96-8	Acenaphthylene	ug/kg	41000			410	UJ		360	U		350	U		350	U		410	U		
99-09-2	3-Nitrooaniline	ug/kg	500			1000	UJ		900	U		890	U		890	U		1000	U		
83-32-9	Acenaphthene	ug/kg	50000			410	UJ		360	U		350	U		350	U		410	U		

304095

COMPARISON FLAGS:
A – Detected sample value is greater that the screening criterion.
– Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02	SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03	SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03	SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03	SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03
SV-2-s	**SemiVolatile Organics - Page 2**							
51-28-5	2,4-Dinitrophenol	ug/kg	200	1000 UJ	900 UJ	890 UJ	890 UJ	1000 UJ
100-02-7	4-Nitrophenol	ug/kg	100	1000 UJ	900 UJ	890 UJ	890 UJ	1000 U
132-64-9	Dibenzofuran	ug/kg	6200	410 UJ	360 U	350 U	350 U	410 U
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	410 UJ	360 U	350 U	350 U	410 U
84-66-2	Diethyl phthalate	ug/kg	7100	410 UJ	360 U	350 U	350 U	410 U
86-73-7	Fluorene	ug/kg	50000	410 UJ	360 U	350 U	350 U	410 U
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	410 UJ	360 U	350 U	350 U	410 U
100-01-6	P-Nitroaniline	ug/kg	N/A	1000 UJ	900 U	890 U	890 U	1000 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1000 UJ	900 UJ	890 UJ	890 UJ	1000 UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	410 UJ	360 U	350 U	350 U	410 U
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	410 UJ	360 U	350 U	350 U	410 U
118-74-1	Hexachlorobenzene	ug/kg	300	410 UJ	360 U	350 U	350 U	410 U
1912-24-9	Atrazine	ug/kg	2200	410 UJ	360 U	350 U	350 U	410 R
87-86-5	Pentachlorophenol	ug/kg	1000	1000 UJ	900 U	890 U	890 U	1000 U
85-01-8	Phenanthrene	ug/kg	50000	410 UJ	360 U	22 J #	350 U	410 U
120-12-7	Anthracene	ug/kg	50000	410 UJ	360 U	350 U	350 U	410 U
86-74-8	Carbazole	ug/kg	24300	410 UJ	360 U	350 U	350 U	410 U
84-74-2	Di-n-butylphthalate	ug/kg	8100	410 UJ	360 U	350 U	350 U	410 U
206-44-0	Fluoranthene	ug/kg	50000	58 J #	52 J #	350 U	350 U	12 J #
129-00-0	Pyrene	ug/kg	50000	46 J #	39 J #	350 U	350 U	410 U
85-68-7	Benzyl butyl phthalate	ug/kg	50000	410 UJ	360 U	350 U	350 U	410 U
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	410 UJ	360 U	350 U	350 U	410 U
56-55-3	Benzo(a)anthracene	ug/kg	224	410 UJ	24 J #	350 U	350 U	410 U
218-01-9	Chrysene	ug/kg	400	410 UJ	28 J #	350 U	350 U	410 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	83 J #	360 U	350 U	350 U	410 U
117-84-0	Di-n-octylphthalate	ug/kg	50000	410 UJ	360 U	350 U	350 U	410 U
205-99-2	Benzo(b)fluoranthene	ug/kg	620	410 UJ	22 J #	350 U	350 U	410 U
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	410 UJ	24 J #	350 U	350 U	410 U
50-32-8	Benzo(a)pyrene	ug/kg	200	410 UJ	21 J #	350 U	350 U	410 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	410 UJ	360 U	350 U	350 U	410 U
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	410 UJ	360 U	350 U	350 U	410 U
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	410 UJ	360 U	350 U	350 U	410 U

304096

COMPARISON FLAGS:
A -- D[redacted]l sample value is greater that the screening criterion.
-- D[redacted]J sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02	SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03	SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03	SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03	SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03
P/PCBs-s	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/kg	90	2.1 UJ	1.8 U	1.8 U	1.8 U	2.1 U
319-85-7	beta-BHC	ug/kg	200	2.1 U	1.8 U	1.8 U	1.8 U	2.1 U
319-86-8	delta-BHC	ug/kg	300	2.1 U	1.8 U	1.8 U	1.8 U	2.1 U
58-89-9	gamma-BHC (Lindane)	ug/kg	60	2.1 UJ	1.8 U	1.8 U	1.8 U	2.1 U
76-44-8	Heptachlor	ug/kg	100	2.1 U	1.8 U	1.8 U	1.8 U	2.1 U
309-00-2	Aldrin	ug/kg	30	2.1 U	1.8 U	1.8 U	1.8 U	2.1 U
1024-57-3	Heptachlor Epoxide	ug/kg	20	2.1 U	1.8 U	1.8 U	1.8 U	2.1 U
959-98-8	Endosulfan I	ug/kg	900	2.1 U	1.8 U	1.8 U	1.8 U	2.1 U
60-57-1	Dieldrin	ug/kg	30	4.1 U	3.6 U	3.6 U	3.5 U	4.1 U
72-55-9	4,4'-DDE	ug/kg	1700	4.1 U	3.6 U	3.6 U	3.5 U	4.1 U
72-20-8	Endrin	ug/kg	100	4.1 U	3.6 U	3.6 U	3.5 U	4.1 U
33213-65-9	Endosulfan II	ug/kg	900	4.1 U	3.6 U	3.6 U	3.5 U	4.1 U
72-54-8	4,4'-DDD	ug/kg	2400	4.1 U	3.6 U	3.6 U	3.5 U	4.1 U
1031-07-8	Endosulfan Sulfate	ug/kg	1000	4.1 U	3.6 U	3.6 U	3.5 U	4.1 U
50-29-3	4,4'-DDT	ug/kg	1700	4.1 U	3.6 U	3.6 U	3.5 U	4.1 U
72-43-5	Methoxychlor	ug/kg	31000	21 U	18 U	18 U	18 U	21 U
53494-70-5	Endrin Ketone	ug/kg	N/A	4.1 U	3.6 U	3.6 U	3.5 U	4.1 U
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4.1 U	3.6 U	3.6 U	3.5 U	4.1 U
5103-71-9	alpha-Chlordane	ug/kg	540	2.1 UJ	1.8 U	1.8 U	1.8 U	2.1 U
5103-74-2	gamma-Chlordane	ug/kg	540	2.1 U	1.8 U	1.8 U	1.8 U	2.1 U
8001-35-2	Toxaphene	ug/kg	440	210 U	180 U	180 U	180 U	210 U
12674-11-2	Aroclor-1016	ug/kg	390	41 U	36 U	36 U	35 U	41 U
11104-28-2	Aroclor-1221	ug/kg	220	84 U	73 U	73 U	72 U	84 U
11141-16-5	Aroclor-1232	ug/kg	220	41 U	36 U	36 U	35 U	41 U
53469-21-9	Aroclor-1242	ug/kg	220	41 U	36 U	36 U	35 U	41 U
12672-29-6	Aroclor-1248	ug/kg	220	41 U	36 U	36 U	120 #	41 U
11097-69-1	Aroclor-1254	ug/kg	110	41 U	36 U	36 U	35 U	41 U
11096-82-5	Aroclor-1260	ug/kg	220	41 U	36 U	36 U	35 U	41 U

304097

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02			SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03			SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03			SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03			SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			5750		#	4570		#	4400		#	3550		#	7960		A
7440-36-0	Antimony	mg/kg	3.1			0.94	UJ		0.78	U		0.78	U		0.74	U		0.9	UJ	
7440-38-2	Arsenic	mg/kg	2.4			3		A	1.2	B	#	0.74	B	#	1.5	B	#	2.7		A
7440-39-3	Barium	mg/kg	300			15.1	B	#	25.1	B	#	17.9	B	#	8.6	B	#	19.2	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.41	B	A	0.35	B	A	0.3	B	#	0.3	B	#	0.34	B	A
7440-43-9	Cadmium	mg/kg	1			0.1	U		0.08	U		0.09	U		0.08	U		0.1	U	
7440-70-2	Calcium	mg/kg	N/A			1150	B	~	1100	J	~	897	B	~	383	B	~	594	B	~
7440-47-3	Chromium	mg/kg	6.2			6.3		A	5.1	J	#	5.3	J	#	3.9	J	#	8.7		A
7440-48-4	Cobalt	mg/kg	30			5.1	B	#	2.6	B	#	2.1	B	#	3	B	#	6.3	B	#
7440-50-8	Copper	mg/kg	25			15.4		#	5.4	J	#	4.5	B	#	5.8	J	#	17		#
7439-89-6	Iron	mg/kg	10669			12900		A	7720		#	7090		#	7390		#	15300		A
7439-92-1	Lead	mg/kg	N/A			5.1		~	5		~	3.3		~	2.8		~	4.8		~
7439-95-4	Magnesium	mg/kg	N/A			1930		~	963	B	~	839	B	~	1110		~	2450		~
7439-96-5	Manganese	mg/kg	340			466		A	349		A	203		#	183		#	442	J	A
7439-97-6	Mercury	mg/kg	0.1			0.05	B	#	0.054	U		0.052	BR		0.049	U		0.06	UJ	
7440-02-0	Nickel	mg/kg	13			10.1	B	#	6.2	B	#	5.9	B	#	6.2	B	#	11.8		#
7440-09-7	Potassium	mg/kg	N/A			517	B	~	225	B	~	200	B	~	310	B	~	706	B	~
7782-49-2	Selenium	mg/kg	2			1.2	U		1	U		1	U		0.95	U		1.2	U	
7440-22-4	Silver	mg/kg	39			0.26	U		0.21	U		0.21	U		0.2	U		0.24	U	
7440-23-5	Sodium	mg/kg	N/A			280	BJ	~	234	BJ	~	221	BJ	~	201	BJ	~	314	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.3	UJ		1.1	UJ		1.1	UJ		1	UJ		1.3	UJ	
7440-62-2	Vanadium	mg/kg	54.7			10.6	B	#	7.6	B	#	6.8	B	#	7	B	#	12.8		#
7440-66-6	Zinc	mg/kg	24.2			27.2	R		23.1	J	#	21.3	J	#	16.9	J	#	29.4	J	A

304098

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBW-02-8-10 12/6/2001 8 to 10 ft.BGS SBW-02			SBW-03-0-2 11/30/2001 0 to 2 ft.BGS SBW-03			SBW-03-2-4 11/30/2001 2 to 4 ft.BGS SBW-03			SBW-03-4-6 11/30/2001 4 to 6 ft.BGS SBW-03			SBW-03-6-8 11/30/2001 6 to 8 ft.BGS SBW-03		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			1600	J	~	640		~	580		~	320		~	590		~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			920	J	~	6410		~	3390		~	1520		~	1050		~
12408-02-5	pH	S.U.	N/A			7		~	7.4		~	7.17		~	7.14		~	6.75		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			25.3		~	4.5		~	1.28		~	3.29		~	15.4		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			15.7		~	4.75		~	2.08		~	3.08		~	35.6		~
No.40(0.425)	No. 40 (0.425)	%	N/A			9.26		~	11		~	9.33		~	25.4		~	33.6		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304099

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03			SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04			SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04			SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04			SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	9400			13	U		49	U		11	U		58	U		11	UJ	
74-87-3	Chloromethane	ug/kg	1200			13	U		49	U		11	U		58	U		11	U	
75-01-4	Vinyl Chloride	ug/kg	120			13	U		49	U		11	U		58	U		11	U	
74-83-9	Bromomethane	ug/kg	390			13	U		49	U		11	U		58	U		11	U	
75-00-3	Chloroethane	ug/kg	1900			13	U		49	U		11	U		58	U		11	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000			13	U		49	U		11	U		58	U		11	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			13	U		49	U		11	U		58	U		11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			13	U		49	U		11	U		58	U		11	U	
67-64-1	Acetone	ug/kg	110			19	UJ		49	UJ		11	UJ		58	UJ		11	U	
75-15-0	Carbon Disulfide	ug/kg	2700			13	U		49	U		11	U		58	U		11	U	
79-20-9	Methyl Acetate	ug/kg	10000			13	U		49	UJ		11	UJ		58	UJ		11	UJ	
75-09-2	Methylene Chloride	ug/kg	100			2	J	#	49	U		11	U		58	U		6	J	#
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			13	U		49	U		11	U		58	U		11	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			13	U		49	U		11	U		58	U		11	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			13	U		49	U		11	U		58	U		11	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			13	U		49	U		11	U		58	U		11	U	
78-93-3	2-Butanone	ug/kg	300			4	J	#	49	U		11	U		58	U		11	U	
67-66-3	Chloroform	ug/kg	40			13	U		49	U		11	U		58	U		11	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			13	U		49	U		11	U		58	U		11	U	
110-82-7	Cyclohexane	ug/kg	10000			13	U		49	U		11	U		58	U		11	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			13	U		49	U		11	U		58	U		11	U	
71-43-2	Benzene	ug/kg	60			13	U		49	U		11	U		58	U		11	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			13	U		49	U		11	U		58	U		11	U	
79-01-6	Trichloroethene	ug/kg	700			13	U		49	U		11	U		58	U		11	U	
108-87-2	Methylcyclohexane	ug/kg	10000			13	U		49	U		11	U		58	U		11	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			13	U		49	U		11	U		58	U		11	U	
75-27-4	Bromodichloromethane	ug/kg	1000			13	U		49	U		11	U		58	U		11	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			13	U		49	U		11	U		58	U		11	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			13	U		49	U		11	U		58	U		11	U	

304100

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03	SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04	SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04	SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04	SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04
108-88-3	Toluene	ug/kg	1500	2 J #	49 U	11 U	58 U	11 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	13 U	49 U	11 U	58 U	11 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	13 U	49 U	11 U	58 U	11 U
127-18-4	Tetrachloroethene	ug/kg	1400	13 U	49 U	11 U	58 U	11 U
591-78-6	2-Hexanone	ug/kg	10000	13 U	49 U	11 U	58 U	11 U
124-48-1	Dibromochloromethane	ug/kg	1100	13 U	49 U	11 U	58 U	11 U
106-93-4	1,2-Dibromoethane	ug/kg	10	13 U	49 U	11 U	58 U	11 U
108-90-7	Chlorobenzene	ug/kg	1700	13 U	49 U	11 U	58 U	11 U
100-41-4	Ethylbenzene	ug/kg	5500	13 U	49 U	11 U	58 U	11 U
1330-20-7	Xylenes (total)	ug/kg	1200	13 U	49 U	11 U	58 U	11 U
100-42-5	Styrene	ug/kg	10000	13 U	49 U	11 U	58 U	11 U
75-25-2	Bromoform	ug/kg	10000	13 U	49 U	11 U	58 U	11 U
98-82-8	Isopropylbenzene	ug/kg	10000	13 U	49 U	11 U	58 U	11 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	13 U	49 U	11 U	58 U	11 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	13 U	49 U	11 U	58 U	11 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	13 U	49 U	11 U	58 U	11 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	13 U	49 U	11 U	58 U	11 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	13 U	49 U	11 U	58 U	11 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	13 U	49 U	11 U	58 U	11 U

304101

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03	SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04	SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04	SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04	SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	611000	430 U	350 UJ	350 UJ	380 UJ	380 U
108-95-2	Phenol	ug/kg	30	430 U	350 UJ	350 UJ	380 UJ	380 U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	430 U	350 UJ	350 UJ	380 UJ	380 U
95-57-8	2-Chlorophenol	ug/kg	800	430 U	350 UJ	350 UJ	380 UJ	380 U
95-48-7	2-Methylphenol	ug/kg	100	430 U	350 UJ	350 UJ	380 UJ	380 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	430 U	350 UJ	350 UJ	380 UJ	380 U
98-86-2	Acetophenone	ug/kg	50	430 U	350 UJ	350 UJ	380 UJ	380 U
106-44-5	4-Methylphenol	ug/kg	900	430 U	350 UJ	350 UJ	380 UJ	380 U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	430 U	350 UJ	350 UJ	380 UJ	380 U
67-72-1	Hexachloroethene	ug/kg	6100	430 U	350 UJ	350 UJ	380 UJ	380 U
98-95-3	Nitrobenzene	ug/kg	200	430 U	350 UJ	350 UJ	380 UJ	380 U
78-59-1	Isophorone	ug/kg	4400	430 U	350 UJ	350 UJ	380 UJ	380 U
88-75-5	2-Nitrophenol	ug/kg	330	430 U	350 UJ	350 UJ	380 UJ	380 U
105-67-9	2,4-Dimethylphenol	ug/kg	122000	430 U	350 UJ	350 UJ	380 UJ	380 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	430 U	350 UJ	350 UJ	380 UJ	380 U
120-83-2	2,4-Dichlorophenol	ug/kg	400	430 U	350 UJ	350 UJ	380 UJ	380 U
91-20-3	Naphthalene	ug/kg	5600	430 U	350 UJ	350 UJ	380 UJ	380 U
106-47-8	p-Chloroaniline	ug/kg	220	430 U	350 UJ	350 UJ	380 UJ	380 UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	430 UJ	350 UJ	350 UJ	380 UJ	380 U
105-60-2	Caprolactam	ug/kg	3055000	430 UJ	350 UJ	350 UJ	380 UJ	380 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	430 U	350 UJ	350 UJ	380 UJ	380 U
91-57-6	2-Methylnaphthalene	ug/kg	36400	430 U	350 UJ	350 UJ	380 UJ	380 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	430 UJ	350 UJ	350 UJ	380 UJ	380 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	430 U	350 UJ	350 UJ	380 UJ	380 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	1100 U	890 UJ	880 UJ	950 UJ	940 U
92-52-4	1,1'-Biphenyl	ug/kg	301000	430 U	350 UJ	350 UJ	380 UJ	380 U
91-58-7	2-Chloronaphthalene	ug/kg	385000	430 U	350 UJ	350 UJ	380 UJ	380 U
88-74-4	2-Nitroaniline	ug/kg	350	1100 U	890 UJ	880 UJ	950 UJ	940 U
131-11-3	Dimethyl phthalate	ug/kg	2000	430 U	350 UJ	350 UJ	380 UJ	380 U
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	430 UJ	350 UJ	350 UJ	380 UJ	380 U
208-96-8	Acenaphthylene	ug/kg	41000	430 U	350 UJ	350 UJ	380 UJ	380 U
99-09-2	3-Nitrooaniline	ug/kg	500	1100 U	890 UJ	880 UJ	950 UJ	940 U
83-32-9	Acenaphthene	ug/kg	50000	430 U	350 UJ	350 UJ	380 UJ	380 U

304102

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03			SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04			SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04			SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04			SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	1100	UJ		890	UJ		880	UJ		950	UJ		940	U	
100-02-7	4-Nitrophenol	ug/kg	100	1100	UJ		890	UJ		880	UJ		950	UJ		940	UJ	
132-64-9	Dibenzofuran	ug/kg	6200	430	U		350	UJ		350	UJ		380	UJ		380	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	430	UJ		350	UJ		350	UJ		380	UJ		380	U	
84-66-2	Diethyl phthalate	ug/kg	7100	430	U		350	UJ		350	UJ		380	UJ		380	U	
86-73-7	Fluorene	ug/kg	50000	430	U		350	UJ		350	UJ		380	UJ		380	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	430	UJ		350	UJ		350	UJ		380	UJ		380	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	1100	UJ		890	UJ		880	UJ		950	UJ		940	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1100	U		890	UJ		880	UJ		950	UJ		940	U	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	430	U		350	UJ		350	UJ		380	UJ		380	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	430	U		350	UJ		350	UJ		380	UJ		380	U	
118-74-1	Hexachlorobenzene	ug/kg	300	430	U		350	UJ		350	UJ		380	UJ		380	U	
1912-24-9	Atrazine	ug/kg	2200	430	UJ		350	UJ		350	UJ		380	UJ		380	U	
87-86-5	Pentachlorophenol	ug/kg	1000	1100	UJ		890	UJ		880	UJ		950	UJ		940	U	
85-01-8	Phenanthrene	ug/kg	50000	430	U		350	UJ		350	UJ		380	UJ		380	U	
120-12-7	Anthracene	ug/kg	50000	430	U		350	UJ		350	UJ		380	UJ		380	U	
86-74-8	Carbazole	ug/kg	24300	430	U		350	UJ		350	UJ		380	UJ		380	U	
84-74-2	Di-n-butylphthalate	ug/kg	8100	430	U		350	UJ		350	UJ		380	UJ		380	U	
206-44-0	Fluoranthene	ug/kg	50000	430	U		48	J	#	350	UJ		380	UJ		380	U	
129-00-0	Pyrene	ug/kg	50000	430	U		44	J	#	350	UJ		380	UJ		380	U	
85-68-7	Benzyl butyl phthalate	ug/kg	50000	430	U		350	UJ		350	UJ		380	UJ		380	U	
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1100	430	UJ		350	UJ		350	UJ		380	UJ		380	UJ	
56-55-3	Benzo(a)anthracene	ug/kg	224	430	U		350	UJ		350	UJ		380	UJ		380	U	
218-01-9	Chrysene	ug/kg	400	430	U		37	J	#	350	UJ		380	UJ		380	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	490	U		350	UJ		350	UJ		380	UJ		380	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000	430	U		350	UJ		350	UJ		380	UJ		380	U	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	430	U		39	J	#	350	UJ		380	UJ		380	U	
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	430	U		350	UJ		350	UJ		380	UJ		380	U	
50-32-8	Benzo(a)pyrene	ug/kg	200	430	U		350	UJ		350	UJ		380	UJ		380	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	430	U		350	UJ		350	UJ		380	UJ		380	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	430	U		350	UJ		350	UJ		380	UJ		380	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	430	U		350	UJ		350	UJ		380	UJ		380	U	

304103

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03		SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04		SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04		SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04		SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04	
P/PCBs-s	**Pesticides/PCB Organics**												
319-84-6	alpha-BHC	ug/kg	90	2.2	U	1.8	UJ	1.8	UJ	2	UJ	1.9	UJ
319-85-7	beta-BHC	ug/kg	200	2.2	U	1.8	U	1.8	U	2	U	1.9	U
319-86-8	delta-BHC	ug/kg	300	2.2	U	1.8	U	1.8	U	2	U	1.9	U
58-89-9	gamma-BHC (Lindane)	ug/kg	60	2.2	U	1.8	UJ	1.8	UJ	2	UJ	1.9	UJ
76-44-8	Heptachlor	ug/kg	100	2.2	U	1.8	U	1.8	U	2	U	1.9	U
309-00-2	Aldrin	ug/kg	30	2.2	U	1.8	U	1.8	U	2	U	1.9	U
1024-57-3	Heptachlor Epoxide	ug/kg	20	2.2	U	1.8	U	1.8	U	2	U	1.9	U
959-98-8	Endosulfan I	ug/kg	900	2.2	U	1.8	U	1.8	U	2	U	1.9	U
60-57-1	Dieldrin	ug/kg	30	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
72-55-9	4,4'-DDE	ug/kg	1700	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
72-20-8	Endrin	ug/kg	100	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
33213-65-9	Endosulfan II	ug/kg	900	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
72-54-8	4,4'-DDD	ug/kg	2400	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
1031-07-8	Endosulfan Sulfate	ug/kg	1000	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
50-29-3	4,4'-DDT	ug/kg	1700	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
72-43-5	Methoxychlor	ug/kg	31000	22	U	18	U	18	U	20	U	19	U
53494-70-5	Endrin Ketone	ug/kg	N/A	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4.3	U	3.5	U	3.5	U	3.8	U	3.8	U
5103-71-9	alpha-Chlordane	ug/kg	540	2.2	U	1.8	UJ	1.8	UJ	2	UJ	1.9	UJ
5103-74-2	gamma-Chlordane	ug/kg	540	2.2	U	1.8	U	1.8	U	2	U	1.9	U
8001-35-2	Toxaphene	ug/kg	440	220	U	180	U	180	U	200	U	190	U
12674-11-2	Aroclor-1016	ug/kg	390	43	U	35	U	35	U	38	U	38	U
11104-28-2	Aroclor-1221	ug/kg	220	87	U	72	U	71	U	77	U	76	U
11141-16-5	Aroclor-1232	ug/kg	220	43	U	35	U	35	U	38	U	38	U
53469-21-9	Aroclor-1242	ug/kg	220	43	U	35	U	35	U	38	U	38	U
12672-29-6	Aroclor-1248	ug/kg	220	43	U	35	U	35	U	38	U	38	U
11097-69-1	Aroclor-1254	ug/kg	110	43	U	35	U	35	U	38	U	38	U
11096-82-5	Aroclor-1260	ug/kg	220	43	U	35	U	35	U	38	U	38	U

304104

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03			SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04			SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04			SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04			SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			6180		#	5100		#	3280		#	3300		#	3350		#
7440-36-0	Antimony	mg/kg	3.1			0.98	UJ		0.77	UJ		0.77	UJ		0.77	UJ		0.77	UJ	
7440-38-2	Arsenic	mg/kg	2.4			4.6		A	4		A	1	B	#	0.63	U		0.62	U	
7440-39-3	Barium	mg/kg	300			25.2	B	#	30.5	B	#	10.1	B	#	8.1	B	#	8.5	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.33	B	A	0.44	B	A	0.29	B	#	0.28	B	#	0.26	B	#
7440-43-9	Cadmium	mg/kg	1			0.11	U		0.09	B	#	0.08	U		0.08	U		0.08	U	
7440-70-2	Calcium	mg/kg	N/A			919	B	~	16200		~	479	B	~	577	B	~	1390	J	~
7440-47-3	Chromium	mg/kg	6.2			7.5		A	7.7		A	3.5		#	4.4		#	4.4		#
7440-48-4	Cobalt	mg/kg	30			6.1	B	#	5	B	#	2.3	B	#	2.2	B	#	2.3	B	#
7440-50-8	Copper	mg/kg	25			15.9		#	14.4		#	6.6		#	6.4		#	6.3	J	#
7439-89-6	Iron	mg/kg	10669			15600		A	12900		A	7270		#	6590		#	6860		#
7439-92-1	Lead	mg/kg	N/A			5.1		~	12.5		~	2.4		~	2.1		~	2.8		~
7439-95-4	Magnesium	mg/kg	N/A			1900		~	8440		~	908	B	~	1180		~	1530		~
7439-96-5	Manganese	mg/kg	340			491	J	A	282		#	195		#	107		#	121		#
7439-97-6	Mercury	mg/kg	0.1			0.06	UJ		0.3		A	0.05	U		0.04	U		0.05	BJ	#
7440-02-0	Nickel	mg/kg	13			11.5		#	12.8		#	5.2	B	#	5.4	B	#	5.8	B	#
7440-09-7	Potassium	mg/kg	N/A			586	B	~	588	B	~	268	B	~	383	B	~	390	B	~
7782-49-2	Selenium	mg/kg	2			1.3	U		1	U		1	U		1	U		1	U	
7440-22-4	Silver	mg/kg	39			0.27	U		0.21	U		0.21	U		0.21	U		0.21	U	
7440-23-5	Sodium	mg/kg	N/A			277	BJ	~	395	BJ	~	245	BJ	~	245	BJ	~	259	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.4	UJ		1.1	UJ		1.1	UJ		1.1	UJ		1.1	UJ	
7440-62-2	Vanadium	mg/kg	54.7			12.3	B	#	9.4	B	#	6.9	B	#	6	B	#	6	B	#
7440-66-6	Zinc	mg/kg	24.2			30.1	J	A	150		A	16.8	R		14.9	R		19.9	R	

304105

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SBW-03-8-10 11/30/2001 8 to 10 ft.BGS SBW-03			SBW-04-0-2 12/6/2001 0 to 2 ft.BGS SBW-04			SBW-04-2-4 12/6/2001 2 to 4 ft.BGS SBW-04			SBW-04-4-6 12/6/2001 4 to 6 ft.BGS SBW-04			SBW-04-4-6-D 12/6/2001 4 to 6 ft.BGS SBW-04		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			750		~	1200	J	~	1000	J	~	850	J	~	1000	J	~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			812		~	9940	J	~	1090	J	~	550	J	~	578	J	~
12408-02-5	pH	S.U.	N/A			6.63		~	8.18		~	7.57		~	7.66		~	7.74		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			9.4		~	21.2		~	2.55		~	4.84		~	10.1		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			31.7		~	19.1		~	2.42		~	8.82		~	8.21		~
No.40(0.425)	No. 40 (0.425)	%	N/A			23.2		~	29.2		~	29.4		~	27.8		~	24		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304106

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04			SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05			SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05			SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05			SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05		
VOA-s	**Volatile Organics**																	
75-71-8	Dichlorodifluoromethane	ug/kg	9400	11	UJ		10	UJ		11	UJ		11	UJ		12	UJ	
74-87-3	Chloromethane	ug/kg	1200	11	UJ		10	UJ		11	UJ		11	UJ		12	UJ	
75-01-4	Vinyl Chloride	ug/kg	120	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
74-83-9	Bromomethane	ug/kg	390	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
75-00-3	Chloroethane	ug/kg	1900	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
75-69-4	Trichlorofluoromethane	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
75-35-4	1,1-Dichloroethene	ug/kg	50	11	U		10	UJ		1	J	#	11	UJ		12	UJ	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
67-64-1	Acetone	ug/kg	110	11	UJ		10	UJ		11	UJ		11	UJ		12	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
79-20-9	Methyl Acetate	ug/kg	10000	11	UJ		10	UJ		11	UJ		11	UJ		12	UJ	
75-09-2	Methylene Chloride	ug/kg	100	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
156-60-5	trans-1,2-Dichloroethene	ug/kg	300	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
75-34-3	1,1-Dichloroethane	ug/kg	200	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
78-93-3	2-Butanone	ug/kg	300	11	UJ		10	UJ		11	UJ		11	UJ		12	UJ	
67-66-3	Chloroform	ug/kg	40	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
71-55-6	1,1,1-Trichloroethane	ug/kg	760	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
110-82-7	Cyclohexane	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
56-23-5	Carbon Tetrachloride	ug/kg	200	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
71-43-2	Benzene	ug/kg	60	11	U		2	J	#	11	UJ		11	UJ		12	UJ	
107-06-2	1,2-Dichloroethane	ug/kg	100	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
79-01-6	Trichloroethene	ug/kg	700	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
108-87-2	Methylcyclohexane	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
78-87-5	1,2-Dichloropropane	ug/kg	350	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
75-27-4	Bromodichloromethane	ug/kg	1000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	

304107

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04			SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05			SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05			SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05			SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05		
108-88-3	Toluene	ug/kg	1500	11	U		2	J	#	11	UJ		11	UJ		12	UJ	
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
79-00-5	1,1,2-Trichloroethane	ug/kg	800	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
127-18-4	Tetrachloroethene	ug/kg	1400	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
591-78-6	2-Hexanone	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
124-48-1	Dibromochloromethane	ug/kg	1100	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
106-93-4	1,2-Dibromoethane	ug/kg	10	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
108-90-7	Chlorobenzene	ug/kg	1700	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
100-41-4	Ethylbenzene	ug/kg	5500	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
1330-20-7	Xylenes (total)	ug/kg	1200	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
100-42-5	Styrene	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
75-25-2	Bromoform	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
98-82-8	Isopropylbenzene	ug/kg	10000	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	11	U		10	UJ		11	UJ		11	UJ		12	UJ	
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	11	U		10	UJ		11	UJ		11	UJ		12	UJ	

304108

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04	SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05	SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05	SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05	SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	611000	400 U	360 R	360 R	360 R	420 R
108-95-2	Phenol	ug/kg	30	400 U	360 U	360 U	360 U	420 U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	400 U	360 U	360 U	360 U	420 U
95-57-8	2-Chlorophenol	ug/kg	800	400 U	360 U	360 U	360 U	420 U
95-48-7	2-Methylphenol	ug/kg	100	400 U	360 U	360 U	360 U	420 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	400 U	360 UJ	360 U	360 U	420 U
98-86-2	Acetophenone	ug/kg	50	400 U	360 U	360 U	360 U	420 U
106-44-5	4-Methylphenol	ug/kg	900	400 U	360 U	360 U	360 U	420 U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	400 U	360 U	360 U	360 U	420 U
67-72-1	Hexachloroethene	ug/kg	6100	400 U	360 U	360 U	360 U	420 U
98-95-3	Nitrobenzene	ug/kg	200	400 U	360 U	360 U	360 U	420 U
78-59-1	Isophorone	ug/kg	4400	400 U	360 U	360 U	360 U	420 U
88-75-5	2-Nitrophenol	ug/kg	330	400 U	360 U	360 U	360 U	420 U
105-67-9	2,4-Dimethylphenol	ug/kg	122000	400 U	360 U	360 U	360 U	420 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	400 U	360 U	360 U	360 U	420 U
120-83-2	2,4-Dichlorophenol	ug/kg	400	400 U	360 U	360 U	360 U	420 U
91-20-3	Naphthalene	ug/kg	5600	400 U	360 U	360 U	360 U	420 U
106-47-8	p-Chloroaniline	ug/kg	220	400 UJ	360 U	360 U	360 U	420 U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	400 U	360 U	360 U	360 U	420 U
105-60-2	Caprolactam	ug/kg	3055000	400 U	360 U	360 U	360 U	420 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	400 U	360 U	360 U	360 U	420 U
91-57-6	2-Methylnaphthalene	ug/kg	36400	400 U	360 U	360 U	360 U	420 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	400 U	360 U	360 U	360 U	420 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	400 U	360 U	360 U	360 U	420 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	1000 U	900 U	910 U	910 U	1100 U
92-52-4	1,1'-Biphenyl	ug/kg	301000	400 U	360 U	360 U	360 U	420 U
91-58-7	2-Chloronaphthalene	ug/kg	385000	400 U	360 U	360 U	360 U	420 U
88-74-4	2-Nitroaniline	ug/kg	350	1000 U	900 U	910 U	910 U	1100 U
131-11-3	Dimethyl phthalate	ug/kg	2000	400 U	360 U	360 U	360 U	420 U
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	400 U	360 UJ	360 U	360 U	420 U
208-96-8	Acenaphthylene	ug/kg	41000	400 U	360 U	360 U	360 U	420 U
99-09-2	3-Nitrooaniline	ug/kg	500	1000 U	900 UJ	910 UJ	910 UJ	1100 UJ
83-32-9	Acenaphthene	ug/kg	50000	400 U	360 U	360 U	360 U	420 U

304109

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04			SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05			SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05			SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05			SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	1000	U		900	R		910	R		910	R		1100	R	
100-02-7	4-Nitrophenol	ug/kg	100	1000	UJ		900	U		910	U		910	U		1100	U	
132-64-9	Dibenzofuran	ug/kg	6200	400	U		360	U		360	U		360	U		420	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	400	U		360	UJ		360	U		360	U		420	U	
84-66-2	Diethyl phthalate	ug/kg	7100	400	U		360	U		360	U		360	U		420	U	
86-73-7	Fluorene	ug/kg	50000	400	U		360	U		360	U		360	U		420	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	400	U		360	U		360	U		360	U		420	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	1000	U		900	UJ		910	UJ		910	UJ		1100	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1000	U		900	UJ		910	U		910	U		1100	U	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	400	U		360	U		360	U		360	U		420	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	400	U		360	U		360	U		360	U		420	U	
118-74-1	Hexachlorobenzene	ug/kg	300	400	U		360	U		360	U		360	U		420	U	
1912-24-9	Atrazine	ug/kg	2200	400	U		360	U		360	U		360	U		420	U	
87-86-5	Pentachlorophenol	ug/kg	1000	1000	U		900	U		910	UJ		910	UJ		1100	UJ	
85-01-8	Phenanthrene	ug/kg	50000	400	U		360	U		360	U		360	U		420	U	
120-12-7	Anthracene	ug/kg	50000	400	U		360	U		360	U		360	U		420	U	
86-74-8	Carbazole	ug/kg	24300	400	U		360	U		360	UJ		360	UJ		420	UJ	
84-74-2	Di-n-butylphthalate	ug/kg	8100	400	U		360	U		360	U		360	U		420	U	
206-44-0	Fluoranthene	ug/kg	50000	400	U		360	U		360	U		360	U		420	U	
129-00-0	Pyrene	ug/kg	50000	400	U		37	J	#	42	J	#	360	U		420	U	
85-68-7	Benzyl butyl phthalate	ug/kg	50000	400	U		360	UJ		360	U		360	U		420	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	400	UJ		360	UJ		360	UJ		360	UJ		420	UJ	
56-55-3	Benzo(a)anthracene	ug/kg	224	400	U		360	U		360	U		360	U		420	U	
218-01-9	Chrysene	ug/kg	400	400	U		41	J	#	360	U		360	U		420	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	400	U		58	J	#	83	J	#	360	U		420	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000	400	U		360	UJ		360	UJ		360	UJ		420	UJ	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	400	U		360	U		360	U		360	U		420	U	
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	400	U		360	U		360	U		360	U		420	U	
50-32-8	Benzo(a)pyrene	ug/kg	200	400	U		360	U		360	U		360	U		420	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	400	U		360	U		360	U		360	U		420	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	400	U		360	U		360	U		360	U		420	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	400	U		360	U		360	U		360	U		420	U	

304110

COMPARISON FLAGS:
A -- De[redacted]' sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04		SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05		SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05		SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05		SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05	
P/PCBs-s	**Pesticides/PCB Organics**												
319-84-6	alpha-BHC	ug/kg	90	2.1	UJ	1.8	U	1.9	U	1.9	U	2.2	U
319-85-7	beta-BHC	ug/kg	200	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
319-86-8	delta-BHC	ug/kg	300	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
58-89-9	gamma-BHC (Lindane)	ug/kg	60	2.1	UJ	1.8	U	1.9	U	1.9	U	2.2	U
76-44-8	Heptachlor	ug/kg	100	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
309-00-2	Aldrin	ug/kg	30	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
1024-57-3	Heptachlor Epoxide	ug/kg	20	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
959-98-8	Endosulfan I	ug/kg	900	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
60-57-1	Dieldrin	ug/kg	30	4	U	3.6	U	3.6	U	3.6	U	4.2	U
72-55-9	4,4'-DDE	ug/kg	1700	4	U	3.6	U	3.6	U	3.6	U	4.2	U
72-20-8	Endrin	ug/kg	100	4	U	3.6	U	3.6	U	3.6	U	4.2	U
33213-65-9	Endosulfan II	ug/kg	900	4	U	3.6	U	3.6	U	3.6	U	4.2	U
72-54-8	4,4'-DDD	ug/kg	2400	4	U	3.6	U	3.6	U	3.6	U	4.2	U
1031-07-8	Endosulfan Sulfate	ug/kg	1000	4	U	3.6	U	3.6	U	3.6	U	4.2	U
50-29-3	4,4'-DDT	ug/kg	1700	4	U	3.6	U	3.6	U	3.6	U	4.2	U
72-43-5	Methoxychlor	ug/kg	31000	21	U	18	U	19	U	19	U	22	U
53494-70-5	Endrin Ketone	ug/kg	N/A	4	U	3.6	U	3.6	U	3.6	U	4.2	U
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4	U	3.6	U	3.6	U	3.6	U	4.2	U
5103-71-9	alpha-Chlordane	ug/kg	540	2.1	UJ	1.8	U	1.9	U	1.9	U	2.2	U
5103-74-2	gamma-Chlordane	ug/kg	540	2.1	U	1.8	U	1.9	U	1.9	U	2.2	U
8001-35-2	Toxaphene	ug/kg	440	210	U	180	U	190	U	190	U	220	U
12674-11-2	Aroclor-1016	ug/kg	390	40	U	36	U	36	U	36	U	42	U
11104-28-2	Aroclor-1221	ug/kg	220	82	U	73	U	74	U	74	U	85	U
11141-16-5	Aroclor-1232	ug/kg	220	40	U	36	U	36	U	36	U	42	U
53469-21-9	Aroclor-1242	ug/kg	220	40	U	36	U	36	U	36	U	42	U
12672-29-6	Aroclor-1248	ug/kg	220	40	U	36	U	36	U	36	U	42	U
11097-69-1	Aroclor-1254	ug/kg	110	40	U	36	U	36	U	36	U	42	U
11096-82-5	Aroclor-1260	ug/kg	220	40	U	36	U	36	U	36	U	42	U

304111

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04			SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05			SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05			SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05			SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05		
Inorg-s	**Inorganic Analytes**																	
7429-90-5	Aluminum	mg/kg	7614	5270		#	6550		#	5140		#	5130		#	4860		#
7440-36-0	Antimony	mg/kg	3.1	0.83	UJ		1.7	B	#	0.78	U		0.77	U		0.79	U	
7440-38-2	Arsenic	mg/kg	2.4	2.3		#	5.3		A	3.6		A	2.8		A	5.1		A
7440-39-3	Barium	mg/kg	300	15.1	B	#	52.4		#	27.6	B	#	24.8	B	#	30	B	#
7440-41-7	Beryllium	mg/kg	0.3	0.4	B	A	0.4	B	A	0.39	B	A	0.35	B	A	0.36	B	A
7440-43-9	Cadmium	mg/kg	1	0.09	U		4.1		A	0.44	B	#	4		A	0.74	B	#
7440-70-2	Calcium	mg/kg	N/A	2970		~	6770		~	1950		~	2190		~	1690		~
7440-47-3	Chromium	mg/kg	6.2	8.3		A	16.6	J	A	6.5	J	A	6.7	J	A	6.1	J	#
7440-48-4	Cobalt	mg/kg	30	3	B	#	9.3	B	#	4.5	B	#	4.4	B	#	3.1	B	#
7440-50-8	Copper	mg/kg	25	13.1		#	53.4		A	24.2		#	22.9		#	17.9		#
7439-89-6	Iron	mg/kg	10669	11500		A	55500		A	12900		A	12200		A	13900		A
7439-92-1	Lead	mg/kg	N/A	4.3		~	36.2		~	25.9		~	26.3		~	39.6		~
7439-95-4	Magnesium	mg/kg	N/A	2490		~	4320		~	1550		~	1960		~	1430		~
7439-96-5	Manganese	mg/kg	340	131		#	1760		A	553		A	307		#	349		A
7439-97-6	Mercury	mg/kg	0.1	0.07	B	#	33.1		A	7.7		A	3.8		A	7.8		A
7440-02-0	Nickel	mg/kg	13	7.6	B	#	421		A	52.8		A	32.6		A	44.3		A
7440-09-7	Potassium	mg/kg	N/A	484	B	~	700	BE	~	433	BE	~	496	BE	~	496	BE	~
7782-49-2	Selenium	mg/kg	2	1.1	U		0.89	U		0.89	U		0.88	U		0.9	U	
7440-22-4	Silver	mg/kg	39	0.23	U		14.7	NJ	#	0.64	BNJ	#	0.38	BNJ	#	3.7	NJ	#
7440-23-5	Sodium	mg/kg	N/A	282	BJ	~	68	B	~	64.7	B	~	68.6	B	~	54.7	B	~
7440-28-0	Thallium	mg/kg	N/A	1.2	UJ		1.1	U		1.1	U		1	U		1.1	U	
7440-62-2	Vanadium	mg/kg	54.7	12.1		#	12.6		#	11.3		#	10.7	B	#	11.5		#
7440-66-6	Zinc	mg/kg	24.2	28.1		A	8600		A	1610		A	677		A	607		A

304112

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-04-6-8 12/6/2001 6 to 8 ft.BGS SBW-04	SBW-05-0-2 11/6/2001 0 to 2 ft.BGS SBW-05	SBW-05-2-4 11/6/2001 2 to 4 ft.BGS SBW-05	SBW-05-4-6 11/6/2001 4 to 6 ft.BGS SBW-05	SBW-05-6-8 11/6/2001 6 to 8 ft.BGS SBW-05
Add-I	**Additional Parameters**							
7440-23-5	Sodium	MEQ/kg	N/A	1700 J ~	520 J ~	730 J ~	650 J ~	810 J ~
GIS-110-012	Total Organic Carbon	mg/kg	N/A	774 J ~	18100 J ~	10100 J ~	12300 J ~	12400 J ~
12408-02-5	pH	S.U.	N/A	7.48 ~	7.52 ~	7.4 ~	7.65 ~	7.66 ~
Grain-85	**Grain - 3 members**							
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A	38.1 ~				
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A	26.7 ~				
No.40(0.425)	No. 40 (0.425)	%	N/A	11.7 ~				
Grain-90	**Grain - 6 members**							
105	<105	%	N/A		14.8 ~	30.8 ~	19.9 ~	23.1 ~
105-425	105-425	%	N/A		36.6 ~	57.1 ~	62.4 ~	59.9 ~
425 - 500	425 - 500	%	N/A		3.14 ~	1.53 ~	1.64 ~	1.5 ~
500 - 850	500 - 850	%	N/A		10.2 ~	3.88 ~	4.08 ~	3.23 ~
850 - 2380	850 - 2380	%	N/A		18 ~	3.62 ~	5.21 ~	2.49 ~
2380	>2380	%	N/A		17.2 ~	3.05 ~	6.73 ~	9.69 ~

304113

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Locatio	Combined Screening Criteria for Soil	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05	SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06	SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06	SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06	SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06
VOA-s	**Volatile Organics**							
75-71-8	Dichlorodifluoromethane	ug/kg	9400	10 UJ	10 UJ	10 U	11 U	14 U
74-87-3	Chloromethane	ug/kg	1200	10 UJ	10 UJ	10 U	11 U	14 U
75-01-4	Vinyl Chloride	ug/kg	120	10 UJ	10 UJ	10 U	11 U	14 U
74-83-9	Bromomethane	ug/kg	390	10 UJ	10 UJ	10 U	11 U	14 U
75-00-3	Chloroethane	ug/kg	1900	10 UJ	10 UJ	10 U	11 U	14 U
75-69-4	Trichlorofluoromethane	ug/kg	10000	10 UJ	10 UJ	10 U	11 U	14 U
75-35-4	1,1-Dichloroethene	ug/kg	50	10 UJ	10 UJ	10 U	11 U	14 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000	10 UJ	10 UJ	10 U	11 U	14 U
67-64-1	Acetone	ug/kg	110	10 UJ	120 UJ	70 U	11 U	53 U
75-15-0	Carbon Disulfide	ug/kg	2700	10 UJ	10 UJ	10 U	11 U	14 U
79-20-9	Methyl Acetate	ug/kg	10000	10 UJ	10 UJ	10 U	11 U	14 U
75-09-2	Methylene Chloride	ug/kg	100	10 UJ	10 UJ	10 U	11 U	14 U
156-60-5	trans-1,2-Dichloroethene	ug/kg	300	10 UJ	10 UJ	10 U	11 U	14 U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000	10 UJ	10 UJ	10 U	11 U	14 U
75-34-3	1,1-Dichloroethane	ug/kg	200	10 UJ	10 UJ	10 U	11 U	14 U
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300	10 UJ	10 UJ	10 U	11 U	14 U
78-93-3	2-Butanone	ug/kg	300	10 UJ	10 UJ	10 U	11 U	14 U
67-66-3	Chloroform	ug/kg	40	10 UJ	10 UJ	10 U	11 U	14 U
71-55-6	1,1,1-Trichloroethane	ug/kg	760	10 UJ	10 UJ	10 U	11 U	14 U
110-82-7	Cyclohexane	ug/kg	10000	10 UJ	10 UJ	10 U	11 U	14 U
56-23-5	Carbon Tetrachloride	ug/kg	200	10 UJ	10 UJ	10 U	11 U	14 U
71-43-2	Benzene	ug/kg	60	10 UJ	10 UJ	10 UJ	11 U	14 U
107-06-2	1,2-Dichloroethane	ug/kg	100	10 UJ	10 UJ	10 U	11 U	14 U
79-01-6	Trichloroethene	ug/kg	700	10 UJ	10 UJ	10 U	11 U	14 U
108-87-2	Methylcyclohexane	ug/kg	10000	10 UJ	10 UJ	10 U	11 U	14 U
78-87-5	1,2-Dichloropropane	ug/kg	350	10 UJ	10 UJ	10 U	11 U	14 U
75-27-4	Bromodichloromethane	ug/kg	1000	10 UJ	10 UJ	10 U	11 U	14 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000	10 UJ	10 UJ	10 U	11 U	14 U
108-10-1	4-Methyl-2-pentanone	ug/kg	1000	10 UJ	10 UJ	10 U	11 U	14 U

304114

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05	SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06	SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06	SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06	SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06
108-88-3	Toluene	ug/kg	1500	10 UJ	1 J #	10 UJ	11 U	14 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	10 UJ	10 UJ	10 U	11 U	14 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	10 UJ	10 UJ	10 U	11 U	14 U
127-18-4	Tetrachloroethene	ug/kg	1400	10 UJ	10 UJ	10 U	11 U	14 U
591-78-6	2-Hexanone	ug/kg	10000	10 UJ	10 UJ	10 U	11 U	14 U
124-48-1	Dibromochloromethane	ug/kg	1100	10 UJ	10 UJ	10 U	11 U	14 U
106-93-4	1,2-Dibromoethane	ug/kg	10	10 UJ	10 UJ	10 U	11 U	14 U
108-90-7	Chlorobenzene	ug/kg	1700	10 UJ	10 UJ	10 UJ	11 U	14 U
100-41-4	Ethylbenzene	ug/kg	5500	10 UJ	10 UJ	10 UJ	11 U	14 U
1330-20-7	Xylenes (total)	ug/kg	1200	10 UJ	10 UJ	10 UJ	11 U	14 U
100-42-5	Styrene	ug/kg	10000	10 UJ	10 UJ	10 UJ	11 U	14 U
75-25-2	Bromoform	ug/kg	10000	10 UJ	10 UJ	10 U	11 U	14 U
98-82-8	Isopropylbenzene	ug/kg	10000	10 UJ	10 UJ	10 UJ	11 U	14 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	10 UJ	10 UJ	10 U	11 U	14 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	10 UJ	10 UJ	10 UJ	11 U	14 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	10 UJ	10 UJ	10 UJ	11 U	14 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	10 UJ	10 UJ	10 UJ	11 U	14 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	10 UJ	10 UJ	10 U	11 U	14 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	10 UJ	10 UJ	10 UJ	11 U	14 U

304115

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05	SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06	SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06	SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06	SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	611000	360 R	350 R	370 R	360 R	370 R
108-95-2	Phenol	ug/kg	30	360 U	350 U	370 U	360 U	370 U
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	360 U	350 U	370 U	360 U	370 U
95-57-8	2-Chlorophenol	ug/kg	800	360 U	350 U	370 U	360 U	370 U
95-48-7	2-Methylphenol	ug/kg	100	360 U	350 U	370 U	360 U	370 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	360 U	350 U	370 U	360 U	370 U
98-86-2	Acetophenone	ug/kg	50	360 U	350 U	370 U	360 U	370 U
106-44-5	4-Methylphenol	ug/kg	900	360 U	350 U	370 U	360 U	370 U
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	360 U	350 U	370 U	360 U	370 U
67-72-1	Hexachloroethene	ug/kg	6100	360 U	350 U	370 U	360 U	370 U
98-95-3	Nitrobenzene	ug/kg	200	360 U	350 U	370 U	360 U	370 U
78-59-1	Isophorone	ug/kg	4400	360 U	350 U	370 U	360 U	370 U
88-75-5	2-Nitrophenol	ug/kg	330	360 U	350 U	370 U	360 U	370 U
105-67-9	2,4-Dimethylphenol	ug/kg	122000	360 U	350 U	370 U	360 U	370 U
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	360 U	350 U	370 U	360 U	370 U
120-83-2	2,4-Dichlorophenol	ug/kg	400	360 U	350 U	370 U	360 U	370 U
91-20-3	Naphthalene	ug/kg	5600	360 U	47 J #	370 U	360 U	370 U
106-47-8	p-Chloroaniline	ug/kg	220	360 U	350 U	370 U	360 U	370 U
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	360 U	350 U	370 U	360 U	370 U
105-60-2	Caprolactam	ug/kg	3055000	360 U	350 U	370 U	360 U	370 U
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	360 U	350 U	370 U	360 U	370 U
91-57-6	2-Methylnaphthalene	ug/kg	36400	360 U	350 U	370 U	360 U	370 U
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	360 U	350 U	370 U	360 U	370 U
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	360 U	350 U	370 U	360 U	370 U
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	910 U	890 U	930 U	900 U	920 U
92-52-4	1,1'-Biphenyl	ug/kg	301000	360 U	350 U	370 U	360 U	370 U
91-58-7	2-Chloronaphthalene	ug/kg	385000	360 U	350 U	370 U	360 U	370 U
88-74-4	2-Nitroaniline	ug/kg	350	910 U	890 U	930 U	900 U	920 U
131-11-3	Dimethyl phthalate	ug/kg	2000	360 U	350 U	370 U	360 U	370 U
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	360 U	350 U	370 U	360 U	370 U
208-96-8	Acenaphthylene	ug/kg	41000	360 U	350 U	370 U	360 U	370 U
99-09-2	3-Nitrooaniline	ug/kg	500	910 UJ	890 UJ	930 UJ	900 UJ	920 UJ
83-32-9	Acenaphthene	ug/kg	50000	360 U	350 U	370 U	360 U	370 U

304116

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05			SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06			SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06			SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06			SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	910	R		890	R		930	R		900	R		920	R	
100-02-7	4-Nitrophenol	ug/kg	100	910	U		890	U		930	U		900	U		920	U	
132-64-9	Dibenzofuran	ug/kg	6200	360	U		350	U		370	U		360	U		370	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	360	U		350	U		370	U		360	U		370	U	
84-66-2	Diethyl phthalate	ug/kg	7100	360	U		350	U		370	U		360	U		370	U	
86-73-7	Fluorene	ug/kg	50000	360	U		350	U		370	U		360	U		370	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	360	U		350	U		370	U		360	U		370	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	910	UJ		890	UJ		930	UJ		900	UJ		920	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	910	U		890	U		930	U		900	U		920	U	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	360	U		350	U		370	U		360	U		370	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	360	U		350	U		370	U		360	U		370	U	
118-74-1	Hexachlorobenzene	ug/kg	300	360	U		350	U		370	U		360	U		370	U	
1912-24-9	Atrazine	ug/kg	2200	360	U		350	U		370	U		360	U		370	U	
87-86-5	Pentachlorophenol	ug/kg	1000	910	UJ		890	UJ		930	UJ		900	UJ		920	UJ	
85-01-8	Phenanthrene	ug/kg	50000	360	U		350	U		180	J	#	37	J	#	140	J	#
120-12-7	Anthracene	ug/kg	50000	360	U		350	U		54	J	#	360	U		370	U	
86-74-8	Carbazole	ug/kg	24300	360	UJ		350	UJ		370	UJ		360	UJ		370	UJ	
84-74-2	Di-n-butylphthalate	ug/kg	8100	360	U		350	U		370	U		360	U		370	U	
206-44-0	Fluoranthene	ug/kg	50000	360	U		350	U		300	J	#	360	U		150	J	#
129-00-0	Pyrene	ug/kg	50000	46	J	#	350	U		280	J	#	41	J	#	160	J	#
85-68-7	Benzyl butyl phthalate	ug/kg	50000	360	U		350	U		370	U		360	U		370	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	360	UJ		350	UJ		370	UJ		360	UJ		370	UJ	
56-55-3	Benzo(a)anthracene	ug/kg	224	360	U		350	U		160	J	#	360	U		72	J	#
218-01-9	Chrysene	ug/kg	400	44	J	#	350	U		150	J	#	360	U		90	J	#
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	360	U		350	U		370	U		45	J	#	61	J	#
117-84-0	Di-n-octylphthalate	ug/kg	50000	360	UJ		350	UJ		370	UJ		360	UJ		370	UJ	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	360	U		350	U		110	J	#	360	U		56	J	#
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	360	U		350	U		120	J	#	360	U		48	J	#
50-32-8	Benzo(a)pyrene	ug/kg	200	360	U		350	U		130	J	#	360	U		44	J	#
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	360	U		350	U		76	J	#	360	U		370	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	360	U		350	U		370	U		360	U		370	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	360	U		350	U		370	U		360	U		370	U	

304117

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05	SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06	SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06	SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06	SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06
P/PCBs-s	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/kg	90	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
319-85-7	beta-BHC	ug/kg	200	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
319-86-8	delta-BHC	ug/kg	300	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
58-89-9	gamma-BHC (Lindane)	ug/kg	60	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
76-44-8	Heptachlor	ug/kg	100	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
309-00-2	Aldrin	ug/kg	30	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
1024-57-3	Heptachlor Epoxide	ug/kg	20	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
959-98-8	Endosulfan I	ug/kg	900	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
60-57-1	Dieldrin	ug/kg	30	3.6 U	3.5 U	3.7 U	3.6 U	3.7 U
72-55-9	4,4'-DDE	ug/kg	1700	3.6 U	3.5 U	3.7 U	3.6 U	3.7 U
72-20-8	Endrin	ug/kg	100	3.6 U	3.5 U	3.7 U	3.6 U	3.7 U
33213-65-9	Endosulfan II	ug/kg	900	3.6 U	3.5 U	3.7 U	3.6 U	3.7 U
72-54-8	4,4'-DDD	ug/kg	2400	3.6 U	3.5 U	3.7 U	3.6 U	3.7 U
1031-07-8	Endosulfan Sulfate	ug/kg	1000	3.6 U	3.5 U	3.7 U	3.6 U	3.7 U
50-29-3	4,4'-DDT	ug/kg	1700	3.6 U	3.5 U	3.7 U	3.6 U	3.7 U
72-43-5	Methoxychlor	ug/kg	31000	19 U	18 U	19 U	18 U	19 U
53494-70-5	Endrin Ketone	ug/kg	N/A	3.6 U	3.5 U	3.7 U	3.6 U	3.7 U
7421-93-4	Endrin Aldehyde	ug/kg	N/A	3.6 U	3.5 U	3.7 U	3.6 U	3.7 U
5103-71-9	alpha-Chlordane	ug/kg	540	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
5103-74-2	gamma-Chlordane	ug/kg	540	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
8001-35-2	Toxaphene	ug/kg	440	190 U	180 U	190 U	180 U	190 U
12674-11-2	Aroclor-1016	ug/kg	390	36 U	35 U	37 U	36 U	37 U
11104-28-2	Aroclor-1221	ug/kg	220	74 U	72 U	75 U	73 U	74 U
11141-16-5	Aroclor-1232	ug/kg	220	36 U	35 U	37 U	36 U	37 U
53469-21-9	Aroclor-1242	ug/kg	220	36 U	35 U	37 U	36 U	37 U
12672-29-6	Aroclor-1248	ug/kg	220	36 U	35 U	37 U	36 U	37 U
11097-69-1	Aroclor-1254	ug/kg	110	36 U	35 U	37 U	36 U	37 U
11096-82-5	Aroclor-1260	ug/kg	220	36 U	35 U	37 U	36 U	37 U

304118

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05			SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06			SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06			SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06			SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			11900		A	6830		#	4360		#	3790		#	4040		#
7440-36-0	Antimony	mg/kg	3.1			0.9	U		0.77	U		0.79	U		0.78	U		0.79	U	
7440-38-2	Arsenic	mg/kg	2.4			7.8		A	4.3		A	4.6		A	6.8		A	8.7		A
7440-39-3	Barium	mg/kg	300			58.8		#	57.2		#	20.5	B	#	39.3	B	#	43	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.71	B	A	0.41	B	A	0.29	B	#	0.3	B	#	0.44	B	A
7440-43-9	Cadmium	mg/kg	1			0.1	U		0.09	U		0.09	U		0.09	U		0.09	U	
7440-70-2	Calcium	mg/kg	N/A			2160		~	2380		~	505	B	~	4330		~	6640		~
7440-47-3	Chromium	mg/kg	6.2			13.6	J	A	8.7	J	A	5.1	J	#	5.9	J	#	5.3	J	#
7440-48-4	Cobalt	mg/kg	30			12.8		#	6.2	B	#	4.3	B	#	3.7	B	#	4	B	#
7440-50-8	Copper	mg/kg	25			28.3		A	24.4		#	39.3		A	27.1		A	51.5		A
7439-89-6	Iron	mg/kg	10669			25100		A	15700		A	14000		A	23500		A	14700		A
7439-92-1	Lead	mg/kg	N/A			13		~	17		~	75.4		~	22.7		~	17.3		~
7439-95-4	Magnesium	mg/kg	N/A			3560		~	2560		~	1750		~	2210		~	3440		~
7439-96-5	Manganese	mg/kg	340			697		A	534		A	251		#	168		#	269		#
7439-97-6	Mercury	mg/kg	0.1			0.55		A	0.47		A	0.22	J	A	0.12	J	A	0.1	BJ	#
7440-02-0	Nickel	mg/kg	13			26.2		A	12.6		#	11.5		#	7.8	B	#	6.5	B	#
7440-09-7	Potassium	mg/kg	N/A			1310	EJ	~	542	BE	~	338	BE	~	355	BE	~	343	BE	~
7782-49-2	Selenium	mg/kg	2			1	U		0.87	U		0.9	U		0.89	U		0.9	U	
7440-22-4	Silver	mg/kg	39			0.22	UNJ		0.19	UNJ		0.2	UNJ		0.19	UNJ		0.2	UNJ	
7440-23-5	Sodium	mg/kg	N/A			148	B	~	65.6	B	~	79	B	~	71.3	B	~	65.9	B	~
7440-28-0	Thallium	mg/kg	N/A			1.2	U		1	U		1.1	U		1.1	U		1.7	BJ	~
7440-62-2	Vanadium	mg/kg	54.7			21.2		#	12.5		#	9	B	#	11.9		#	11.1		#
7440-66-6	Zinc	mg/kg	24.2			0	R		0	R		0	R		0	R		0	R	

304119

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBW-05-8-10 11/6/2001 8 to 10 ft.BGS SBW-05	SBW-06-0-2 11/6/2001 0 to 2 ft.BGS SBW-06	SBW-06-10-12 11/6/2001 10 to 12 ft.BGS SBW-06	SBW-06-2-4 11/6/2001 2 to 4 ft.BGS SBW-06	SBW-06-4-6 11/6/2001 4 to 6 ft.BGS SBW-06
Add-I	**Additional Parameters**							
7440-23-5	Sodium	MEQ/kg	N/A	1500 J ~	610 J ~	330 J ~	590 J ~	250 J ~
GIS-110-012	Total Organic Carbon	mg/kg	N/A	1550 J ~	13200 J ~	20500 J ~	155000 J ~	65600 J ~
12408-02-5	pH	S.U.	N/A	7.09 ~	7.07 ~	6.63 ~	7.15 ~	5.11 ~
Grain-85	**Grain - 3 members**							
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A					
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A					
No.40(0.425)	No. 40 (0.425)	%	N/A					
Grain-90	**Grain - 6 members**							
105	<105	%	N/A	21.7 ~	16.5 ~	14.9 ~	14.5 ~	16.7 ~
105-425	105-425	%	N/A	48.3 ~	51.7 ~	79.6 ~	53 ~	55.2 ~
425 - 500	425 - 500	%	N/A	3.73 ~	2.67 ~	1.11 ~	1.64 ~	1.56 ~
500 - 850	500 - 850	%	N/A	12.6 ~	7.23 ~	1.37 ~	4.01 ~	3.53 ~
850 - 2380	850 - 2380	%	N/A	12.3 ~	11.4 ~	1.35 ~	10.1 ~	6.46 ~
2380	>2380	%	N/A	1.4 ~	10.6 ~	1.6 ~	16.7 ~	16.6 ~

304120

COMPARISON FLAGS:
A -- D[redacted]d sample value is greater that the screening criterion.
-- D[redacted]d sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06			SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06		
VOA-s	**Volatile Organics**										
75-71-8	Dichlorodifluoromethane	ug/kg	9400			11	U		14	U	
74-87-3	Chloromethane	ug/kg	1200			11	U		14	U	
75-01-4	Vinyl Chloride	ug/kg	120			11	U		14	U	
74-83-9	Bromomethane	ug/kg	390			11	U		14	U	
75-00-3	Chloroethane	ug/kg	1900			11	U		14	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000			11	U		14	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			11	U		14	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			11	U		14	U	
67-64-1	Acetone	ug/kg	110			11	U		120	U	
75-15-0	Carbon Disulfide	ug/kg	2700			11	U		8	J	#
79-20-9	Methyl Acetate	ug/kg	10000			11	U		14	U	
75-09-2	Methylene Chloride	ug/kg	100			11	U		14	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			11	U		14	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			11	U		14	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			11	U		14	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			11	U		14	U	
78-93-3	2-Butanone	ug/kg	300			11	U		14	U	
67-66-3	Chloroform	ug/kg	40			11	U		14	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			11	U		14	U	
110-82-7	Cyclohexane	ug/kg	10000			11	U		14	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			11	U		14	U	
71-43-2	Benzene	ug/kg	60			11	UJ		14	UJ	
107-06-2	1,2-Dichloroethane	ug/kg	100			11	U		14	U	
79-01-6	Trichloroethene	ug/kg	700			11	U		14	U	
108-87-2	Methylcyclohexane	ug/kg	10000			11	U		14	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			11	U		14	U	
75-27-4	Bromodichloromethane	ug/kg	1000			11	U		14	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			11	U		14	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			11	U		14	U	

304121

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil	SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06		SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06	
108-88-3	Toluene	ug/kg	1500	11	UJ	14	UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	11	U	14	U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	11	U	14	U
127-18-4	Tetrachloroethene	ug/kg	1400	11	U	14	U
591-78-6	2-Hexanone	ug/kg	10000	11	U	14	U
124-48-1	Dibromochloromethane	ug/kg	1100	11	U	14	U
106-93-4	1,2-Dibromoethane	ug/kg	10	11	U	14	U
108-90-7	Chlorobenzene	ug/kg	1700	11	UJ	14	UJ
100-41-4	Ethylbenzene	ug/kg	5500	11	UJ	14	UJ
1330-20-7	Xylenes (total)	ug/kg	1200	11	UJ	14	UJ
100-42-5	Styrene	ug/kg	10000	11	UJ	14	UJ
75-25-2	Bromoform	ug/kg	10000	11	U	14	U
98-82-8	Isopropylbenzene	ug/kg	10000	11	UJ	14	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	11	U	14	U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	11	UJ	14	UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	11	UJ	14	UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	11	UJ	14	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	11	U	14	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	11	UJ	14	UJ

304122

COMPARISON FLAGS:
A -- D[redacted]d sample value is greater that the screening criterion.
-- De[redacted]d sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06			SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06		
SV-1-s	**SemiVolatile Organics - Page 1**										
100-52-7	Benzaldehyde	ug/kg	611000			350	R		350	R	
108-95-2	Phenol	ug/kg	30			350	U		350	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210			350	U		350	U	
95-57-8	2-Chlorophenol	ug/kg	800			350	U		350	U	
95-48-7	2-Methylphenol	ug/kg	100			350	U		350	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900			350	U		350	U	
98-86-2	Acetophenone	ug/kg	50			350	U		350	U	
106-44-5	4-Methylphenol	ug/kg	900			350	U		350	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70			350	U		350	U	
67-72-1	Hexachloroethene	ug/kg	6100			350	U		350	U	
98-95-3	Nitrobenzene	ug/kg	200			350	U		350	U	
78-59-1	Isophorone	ug/kg	4400			350	U		350	U	
88-75-5	2-Nitrophenol	ug/kg	330			350	U		350	U	
105-67-9	2,4-Dimethylphenol	ug/kg	122000			350	U		350	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A			350	U		350	U	
120-83-2	2,4-Dichlorophenol	ug/kg	400			350	U		350	U	
91-20-3	Naphthalene	ug/kg	5600			350	U		350	U	
106-47-8	p-Chloroaniline	ug/kg	220			350	U		350	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800			350	U		350	U	
105-60-2	Caprolactam	ug/kg	3055000			350	U		350	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	240			350	U		350	U	
91-57-6	2-Methylnaphthalene	ug/kg	36400			350	U		350	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000			350	U		350	U	
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000			350	U		350	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	100			870	U		890	U	
92-52-4	1,1'-Biphenyl	ug/kg	301000			350	U		350	U	
91-58-7	2-Chloronaphthalene	ug/kg	385000			350	U		350	U	
88-74-4	2-Nitroaniline	ug/kg	350			870	U		890	U	
131-11-3	Dimethyl phthalate	ug/kg	2000			350	U		350	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	1000			350	U		350	U	
208-96-8	Acenaphthylene	ug/kg	41000			350	U		350	U	
99-09-2	3-Nitrooaniline	ug/kg	500			870	UJ		890	UJ	
83-32-9	Acenaphthene	ug/kg	50000			350	U		350	U	

304123

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatior	Combined Screening Criteria for Soil			SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06			SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06		
SV-2-s	**SemiVolatile Organics - Page 2**										
51-28-5	2,4-Dinitrophenol	ug/kg	200			870	R		890	R	
100-02-7	4-Nitrophenol	ug/kg	100			870	U		890	U	
132-64-9	Dibenzofuran	ug/kg	6200			350	U		350	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000			350	U		350	U	
84-66-2	Diethyl phthalate	ug/kg	7100			350	U		350	U	
86-73-7	Fluorene	ug/kg	50000			350	U		350	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A			350	U		350	U	
100-01-6	P-Nitroaniline	ug/kg	N/A			870	UJ		890	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A			870	U		890	U	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000			350	U		350	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A			350	U		350	U	
118-74-1	Hexachlorobenzene	ug/kg	300			350	U		350	U	
1912-24-9	Atrazine	ug/kg	2200			350	U		350	U	
87-86-5	Pentachlorophenol	ug/kg	1000			870	UJ		890	UJ	
85-01-8	Phenanthrene	ug/kg	50000			350	U		350	U	
120-12-7	Anthracene	ug/kg	50000			350	U		350	U	
86-74-8	Carbazole	ug/kg	24300			350	UJ		350	UJ	
84-74-2	Di-n-butylphthalate	ug/kg	8100			58	J	#	350	U	
206-44-0	Fluoranthene	ug/kg	50000			350	U		350	U	
129-00-0	Pyrene	ug/kg	50000			350	U		350	U	
85-68-7	Benzyl butyl phthalate	ug/kg	50000			350	U		350	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100			350	UJ		350	UJ	
56-55-3	Benzo(a)anthracene	ug/kg	224			350	U		350	U	
218-01-9	Chrysene	ug/kg	400			350	U		350	U	
117-81-7	*bis*(2-Ethylhexyl)phthalate	ug/kg	35000			350	U		350	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000			350	UJ		350	UJ	
205-99-2	Benzo(b)fluoranthene	ug/kg	620			350	U		350	U	
207-08-9	Benzo(k)fluoranthene	ug/kg	1100			350	U		350	U	
50-32-8	Benzo(a)pyrene	ug/kg	200			350	U		350	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620			350	U		350	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180			350	U		350	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000			350	U		350	U	

304124

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06			SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06		
P/PCBs-s	**Pesticides/PCB Organics**										
319-84-6	alpha-BHC	ug/kg	90			1.8	U		1.8	U	
319-85-7	beta-BHC	ug/kg	200			1.8	U		1.8	U	
319-86-8	delta-BHC	ug/kg	300			1.8	U		1.8	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	60			1.8	U		1.8	U	
76-44-8	Heptachlor	ug/kg	100			1.8	U		1.8	U	
309-00-2	Aldrin	ug/kg	30			1.8	U		1.8	U	
1024-57-3	Heptachlor Epoxide	ug/kg	20			1.8	U		1.8	U	
959-98-8	Endosulfan I	ug/kg	900			1.8	U		1.8	U	
60-57-1	Dieldrin	ug/kg	30			3.5	U		3.5	U	
72-55-9	4,4'-DDE	ug/kg	1700			3.5	U		3.5	U	
72-20-8	Endrin	ug/kg	100			3.5	U		3.5	U	
33213-65-9	Endosulfan II	ug/kg	900			3.5	U		3.5	U	
72-54-8	4,4'-DDD	ug/kg	2400			3.5	U		3.5	U	
1031-07-8	Endosulfan Sulfate	ug/kg	1000			3.5	U		3.5	U	
50-29-3	4,4'-DDT	ug/kg	1700			3.5	U		3.5	U	
72-43-5	Methoxychlor	ug/kg	31000			18	U		18	U	
53494-70-5	Endrin Ketone	ug/kg	N/A			3.5	U		3.5	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A			3.5	U		3.5	U	
5103-71-9	alpha-Chlordane	ug/kg	540			1.8	U		1.8	U	
5103-74-2	gamma-Chlordane	ug/kg	540			1.8	U		1.8	U	
8001-35-2	Toxaphene	ug/kg	440			180	U		180	U	
12674-11-2	Aroclor-1016	ug/kg	390			35	U		35	U	
11104-28-2	Aroclor-1221	ug/kg	220			71	U		71	U	
11141-16-5	Aroclor-1232	ug/kg	220			35	U		35	U	
53469-21-9	Aroclor-1242	ug/kg	220			35	U		35	U	
12672-29-6	Aroclor-1248	ug/kg	220			35	U		35	U	
11097-69-1	Aroclor-1254	ug/kg	110			35	U		35	U	
11096-82-5	Aroclor-1260	ug/kg	220			35	U		35	U	

304125

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06			SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06		
Inorg-s	**Inorganic Analytes**										
7429-90-5	Aluminum	mg/kg	7614			3920		#	4540		#
7440-36-0	Antimony	mg/kg	3.1			0.74	U		0.75	U	
7440-38-2	Arsenic	mg/kg	2.4			2.3		#	1.9	B	#
7440-39-3	Barium	mg/kg	300			15.4	B	#	12.9	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.26	B	#	0.33	B	A
7440-43-9	Cadmium	mg/kg	1			0.08	U		0.08	U	
7440-70-2	Calcium	mg/kg	N/A			483	B	~	449	B	~
7440-47-3	Chromium	mg/kg	6.2			4.4	J	#	4.9	J	#
7440-48-4	Cobalt	mg/kg	30			3.2	B	#	3.3	B	#
7440-50-8	Copper	mg/kg	25			17.6		#	10.2		#
7439-89-6	Iron	mg/kg	10669			9610		#	9260		#
7439-92-1	Lead	mg/kg	N/A			4		~	4.8		~
7439-95-4	Magnesium	mg/kg	N/A			1170		~	1040	B	~
7439-96-5	Manganese	mg/kg	340			175		#	224		#
7439-97-6	Mercury	mg/kg	0.1			0.07	BJ	#	0.08	BJ	#
7440-02-0	Nickel	mg/kg	13			7.7	B	#	7.7	B	#
7440-09-7	Potassium	mg/kg	N/A			311	BE	~	299	BE	~
7782-49-2	Selenium	mg/kg	2			0.85	U		0.85	U	
7440-22-4	Silver	mg/kg	39			0.19	UNJ		0.19	UNJ	
7440-23-5	Sodium	mg/kg	N/A			39.7	B	~	46.3	B	~
7440-28-0	Thallium	mg/kg	N/A			1	U		1	U	
7440-62-2	Vanadium	mg/kg	54.7			10.2	B	#	11		#
7440-66-6	Zinc	mg/kg	24.2			0	R		0	R	

304126

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBW-06-6-8 11/6/2001 6 to 8 ft.BGS SBW-06			SBW-06-8-10 11/6/2001 8 to 10 ft.BGS SBW-06		
Add-I	**Additional Parameters**										
7440-23-5	Sodium	MEQ/kg	N/A			290	J	~	290	J	~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			14800	J	~	2530	J	~
12408-02-5	pH	S.U.	N/A			5.07		~	5.56		~
Grain-85	**Grain - 3 members**										
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A								
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A								
No.40(0.425)	No. 40 (0.425)	%	N/A								
Grain-90	**Grain - 6 members**										
105	<105	%	N/A			10.7		~	16.3		~
105-425	105-425	%	N/A			81.9		~	81.6		~
425 - 500	425 - 500	%	N/A			1.27		~	0.9		~
500 - 850	500 - 850	%	N/A			1.67		~	0.67		~
850 - 2380	850 - 2380	%	N/A			2.52		~	0.41		~
2380	>2380	%	N/A			1.85		~	0.08		~

304127

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Table 8

Deep Soil Boring Sample Results

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01			SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01			SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01			SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01			SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	9400			3	J	#	11	U		11	U		12	U		13	U	
74-87-3	Chloromethane	ug/kg	1200			11	U		11	U		11	U		12	U		13	U	
75-01-4	Vinyl Chloride	ug/kg	120			11	U		11	U		11	U		12	U		13	U	
74-83-9	Bromomethane	ug/kg	390			11	U		11	U		11	U		12	U		13	U	
75-00-3	Chloroethane	ug/kg	1900			11	U		11	U		11	U		12	U		13	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000			11	U		11	U		11	U		12	U		13	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			11	U		11	U		11	U		12	U		13	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			11	U		11	U		11	U		12	U		13	U	
67-64-1	Acetone	ug/kg	110			59	U		57	U		81	U		530	UJ		20	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700			11	U		11	U		11	U		12	U		13	U	
79-20-9	Methyl Acetate	ug/kg	10000			11	U		11	U		11	U		12	U		13	U	
75-09-2	Methylene Chloride	ug/kg	100			11	U		11	U		11	U		12	U		7	J	#
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			11	U		11	U		11	U		12	U		13	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			11	U		11	U		11	U		12	U		13	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			11	U		11	U		11	U		12	U		13	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			11	U		11	U		11	U		12	U		13	U	
78-93-3	2-Butanone	ug/kg	300			10	J	#	6	J	#	9	J	#	7	J	#	2	J	#
67-66-3	Chloroform	ug/kg	40			11	U		11	U		11	U		12	U		13	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			11	U		11	U		11	U		12	U		13	U	
110-82-7	Cyclohexane	ug/kg	10000			11	U		11	U		11	U		12	U		13	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			11	U		11	U		11	U		12	U		13	U	
71-43-2	Benzene	ug/kg	60			11	U		11	U		11	U		12	U		13	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			11	U		11	U		11	U		12	U		13	U	
79-01-6	Trichloroethene	ug/kg	700			11	U		11	U		11	U		12	U		13	U	
108-87-2	Methylcyclohexane	ug/kg	10000			11	U		11	U		11	U		12	U		13	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			11	U		11	U		11	U		12	U		13	U	
75-27-4	Bromodichloromethane	ug/kg	1000			11	U		11	U		11	U		12	U		13	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			11	U		11	U		11	U		12	U		13	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			11	U		11	U		11	U		12	U		13	U	

304129

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01	SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01	SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01	SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01	SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01
108-88-3	Toluene	ug/kg	1500	11 U	11 U	11 U	12 U	13 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	11 U	11 U	11 U	12 U	13 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	11 U	11 U	11 U	12 U	13 U
127-18-4	Tetrachloroethene	ug/kg	1400	11 U	11 U	11 U	12 U	13 U
591-78-6	2-Hexanone	ug/kg	10000	11 U	11 U	11 U	12 U	13 U
124-48-1	Dibromochloromethane	ug/kg	1100	11 U	11 U	11 U	12 U	13 U
106-93-4	1,2-Dibromoethane	ug/kg	10	11 U	11 U	11 U	12 U	13 U
108-90-7	Chlorobenzene	ug/kg	1700	11 U	11 U	11 U	12 U	13 U
100-41-4	Ethylbenzene	ug/kg	5500	11 U	11 U	11 U	12 U	13 U
1330-20-7	Xylenes (total)	ug/kg	1200	11 U	11 U	11 U	12 U	13 U
100-42-5	Styrene	ug/kg	10000	11 U	11 U	11 U	12 U	13 U
75-25-2	Bromoform	ug/kg	10000	11 U	11 U	11 U	12 U	13 U
98-82-8	Isopropylbenzene	ug/kg	10000	11 U	11 U	11 U	12 U	13 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	11 U	11 U	11 U	12 U	13 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	11 U	11 U	11 U	12 U	13 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	11 U	11 U	11 U	12 U	13 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	11 U	11 U	11 U	12 U	13 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	11 U	11 U	11 U	12 U	13 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	11 U	11 U	11 U	12 U	13 U

304130

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01			SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01			SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01			SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01			SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01		
SV-1-s	**SemiVolatile Organics - Page 1**																			
100-52-7	Benzaldehyde	ug/kg	611000			10	J	#	7	J	#	5	J	#	6	J	#	460	U	
108-95-2	Phenol	ug/kg	30			360	U		360	U		380	U		420	U		460	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210			360	U		360	U		380	U		420	U		460	U	
95-57-8	2-Chlorophenol	ug/kg	800			360	U		360	U		380	U		420	U		460	U	
95-48-7	2-Methylphenol	ug/kg	100			360	U		360	U		380	U		420	U		460	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900			360	U		360	U		380	U		420	U		460	U	
98-86-2	Acetophenone	ug/kg	50			360	U		360	U		380	U		420	U		460	U	
106-44-5	4-Methylphenol	ug/kg	900			360	U		360	U		380	U		420	U		460	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70			360	U		360	U		380	U		420	U		460	U	
67-72-1	Hexachloroethene	ug/kg	6100			360	U		360	U		380	U		420	U		460	U	
98-95-3	Nitrobenzene	ug/kg	200			360	U		360	U		380	U		420	U		460	U	
78-59-1	Isophorone	ug/kg	4400			360	U		360	U		380	U		420	U		460	U	
88-75-5	2-Nitrophenol	ug/kg	330			360	U		360	U		380	U		420	U		460	U	
105-67-9	2,4-Dimethylphenol	ug/kg	122000			360	U		360	U		380	U		420	U		460	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A			360	U		360	U		380	U		420	U		460	U	
120-83-2	2,4-Dichlorophenol	ug/kg	400			360	U		360	U		380	U		420	U		460	U	
91-20-3	Naphthalene	ug/kg	5600			11	J	#	360	U		380	U		420	U		460	U	
106-47-8	p-Chloroaniline	ug/kg	220			360	U		360	U		380	U		420	U		460	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800			360	U		360	U		380	U		420	U		460	U	
105-60-2	Caprolactam	ug/kg	3055000			360	U		360	U		380	U		420	U		460	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	240			360	U		360	U		380	U		420	U		460	U	
91-57-6	2-Methylnaphthalene	ug/kg	36400			19	J	#	360	U		380	U		420	U		460	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000			360	U		360	U		380	U		420	U		460	U	
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000			360	U		360	U		380	U		420	U		460	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	100			910	U		900	U		940	U		1100	U		1200	U	
92-52-4	1,1'-Biphenyl	ug/kg	301000			360	U		360	U		380	U		420	U		460	U	
91-58-7	2-Chloronaphthalene	ug/kg	385000			360	U		360	U		380	U		420	U		460	U	
88-74-4	2-Nitroaniline	ug/kg	350			910	U		900	U		940	U		1100	U		1200	U	
131-11-3	Dimethyl phthalate	ug/kg	2000			360	U		360	U		380	U		420	U		460	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	1000			360	U		360	U		380	U		420	U		460	U	
208-96-8	Acenaphthylene	ug/kg	41000			360	U		360	U		380	U		420	U		460	U	
99-09-2	3-Nitrooaniline	ug/kg	500			910	U		900	U		940	U		1100	U		1200	U	
83-32-9	Acenaphthene	ug/kg	50000			18	J	#	360	U		380	U		420	U		460	U	

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01			SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01			SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01			SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01			SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	910	UJ		900	UJ		940	UJ		1100	UJ		1200	UJ	
100-02-7	4-Nitrophenol	ug/kg	100	910	U		900	U		940	U		1100	U		1200	U	
132-64-9	Dibenzofuran	ug/kg	6200	12	J	#	360	U		380	U		420	U		460	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	360	U		360	U		380	U		420	U		460	U	
84-66-2	Diethyl phthalate	ug/kg	7100	360	U		360	U		380	U		420	U		460	U	
86-73-7	Fluorene	ug/kg	50000	14	J	#	360	U		380	U		420	U		460	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	360	U		360	U		380	U		420	U		460	U	
100-01-6	P-Nitroaniline	ug/kg	N/A	910	U		900	U		940	U		1100	U		1200	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	910	UJ		900	UJ		940	UJ		1100	UJ		1200	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	360	U		360	U		380	U		420	U		460	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	360	U		360	U		380	U		420	U		460	U	
118-74-1	Hexachlorobenzene	ug/kg	300	360	U		360	U		380	U		420	U		460	U	
1912-24-9	Atrazine	ug/kg	2200	360	U		360	U		380	U		420	U		460	U	
87-86-5	Pentachlorophenol	ug/kg	1000	910	U		900	U		940	U		1100	U		1200	U	
85-01-8	Phenanthrene	ug/kg	50000	180	J	#	360	U		34	J	#	18	J	#	460	U	
120-12-7	Anthracene	ug/kg	50000	41	J	#	360	U		9	J	#	420	U		460	U	
86-74-8	Carbazole	ug/kg	24300	17	J	#	360	U		380	U		420	U		460	U	
84-74-2	Di-n-butylphthalate	ug/kg	8100	360	U		360	U		380	U		420	U		460	U	
206-44-0	Fluoranthene	ug/kg	50000	200	J	#	360	U		41	J	#	19	J	#	460	U	
129-00-0	Pyrene	ug/kg	50000	180	J	#	360	U		41	J	#	20	J	#	460	U	
85-68-7	Benzyl butyl phthalate	ug/kg	50000	360	U		360	U		380	U		420	U		460	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	360	U		360	U		380	U		420	U		460	U	
56-55-3	Benzo(a)anthracene	ug/kg	224	96	J	#	360	U		24	J	#	420	U		460	U	
218-01-9	Chrysene	ug/kg	400	110	J	#	360	U		25	J	#	12	J	#	460	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	360	U		360	U		380	U		420	U		460	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000	360	U		360	U		380	U		420	U		460	U	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	92	J	#	360	U		17	J	#	420	U		460	U	
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	96	J	#	360	U		23	J	#	420	U		460	U	
50-32-8	Benzo(a)pyrene	ug/kg	200	98	J	#	360	U		20	J	#	12	J	#	460	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	69	J	#	360	U		12	J	#	420	U		460	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	22	J	#	360	U		380	U		420	U		460	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	56	J	#	360	U		380	U		420	U		460	U	

304132

COMPARISON FLAGS:
A – Det[redacted] sample value is greater that the screening criterion.
– Det[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01			SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01			SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01			SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01			SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01		
P/PCBs-s	**Pesticides/PCB Organics**																			
319-84-6	alpha-BHC	ug/kg	90			1.9	U		1.1	J	#	1.9	U		2.2	U		2.4	U	
319-85-7	beta-BHC	ug/kg	200			4.9	J	#	1.8	U		1.9	U		2.2	U		2.4	U	
319-86-8	delta-BHC	ug/kg	300			1.9	U		1.8	U		1.9	U		2.2	U		2.4	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	60			1.9	U		1.8	U		1.9	U		2.2	U		2.4	U	
76-44-8	Heptachlor	ug/kg	100			1.9	U		1.8	U		1.9	U		2.2	U		2.4	U	
309-00-2	Aldrin	ug/kg	30			1.9	U		1.8	U		1.9	U		2.2	U		2.4	U	
1024-57-3	Heptachlor Epoxide	ug/kg	20			1.9	U		1.8	U		1.9	U		2.2	U		2.4	U	
959-98-8	Endosulfan I	ug/kg	900			1.9	U		1.8	U		1.9	U		2.2	U		2.4	U	
60-57-1	Dieldrin	ug/kg	30			3.6	U		3.6	U		3.8	U		4.2	U		4.6	U	
72-55-9	4,4'-DDE	ug/kg	1700			3.6	U		3.6	U		3.8	U		4.2	U		4.6	U	
72-20-8	Endrin	ug/kg	100			3.6	U		3.6	U		3.8	U		4.2	U		4.6	U	
33213-65-9	Endosulfan II	ug/kg	900			3.6	U		3.6	U		3.8	U		4.2	U		4.6	U	
72-54-8	4,4'-DDD	ug/kg	2400			3.6	U		3.6	U		3.8	U		4.2	U		4.6	U	
1031-07-8	Endosulfan Sulfate	ug/kg	1000			3.6	U		3.6	U		3.8	U		4.2	U		4.6	U	
50-29-3	4,4'-DDT	ug/kg	1700			3.6	U		3.6	U		3.8	U		4.2	U		4.6	U	
72-43-5	Methoxychlor	ug/kg	31000			19	U		18	U		19	U		22	U		24	U	
53494-70-5	Endrin Ketone	ug/kg	N/A			3.6	U		3.6	U		3.8	U		4.2	U		4.6	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A			3.6	U		3.6	U		3.8	U		4.2	U		4.6	U	
5103-71-9	alpha-Chlordane	ug/kg	540			1.9	U		1.8	U		1.9	U		2.2	U		2.4	U	
5103-74-2	gamma-Chlordane	ug/kg	540			1.9	U		1.8	U		1.9	U		2.2	U		2.4	U	
8001-35-2	Toxaphene	ug/kg	440			190	U		180	U		190	U		220	U		240	U	
12674-11-2	Aroclor-1016	ug/kg	390			36	U		36	U		38	U		42	U		46	U	
11104-28-2	Aroclor-1221	ug/kg	220			73	U		73	U		76	U		85	U		94	U	
11141-16-5	Aroclor-1232	ug/kg	220			36	U		36	U		38	U		42	U		46	U	
53469-21-9	Aroclor-1242	ug/kg	220			36	U		36	U		38	U		42	U		46	U	
12672-29-6	Aroclor-1248	ug/kg	220			210		#	36	U		38	U		42	U		46	U	
11097-69-1	Aroclor-1254	ug/kg	110			36	U		300		A	38	U		140	J	A	46	U	
11096-82-5	Aroclor-1260	ug/kg	220			36	U		38	J	#	38	U		24	J	#	46	U	

304133

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01			SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01			SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01			SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01			SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			4060		#	5190		#	5520		#	5200		#	9870		A
7440-36-0	Antimony	mg/kg	3.1			0.79	UJ		0.78	UJ		0.79	UJ		0.92	UJ		0.9	UJ	
7440-38-2	Arsenic	mg/kg	2.4			2.8		A	0.89	B	#	2.5		A	2.1	B	#	5.4		A
7440-39-3	Barium	mg/kg	300			35.3	B	#	20.9	B	#	10.5	B	#	9.4	B	#	27.3	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.25	B	#	0.22	B	#	0.23	B	#	0.2	B	#	0.47	B	A
7440-43-9	Cadmium	mg/kg	1			0.23	B	#	0.08	U		0.09	U		0.1	U		0.1	U	
7440-70-2	Calcium	mg/kg	N/A			1850		~	465	B	~	562	B	~	751	B	~	869	B	~
7440-47-3	Chromium	mg/kg	6.2			7.2		A	5.9		#	6.7		A	5.4		#	10.1		A
7440-48-4	Cobalt	mg/kg	30			3	B	#	3.5	B	#	4.4	B	#	4.4	B	#	8	B	#
7440-50-8	Copper	mg/kg	25			18.2		#	6		#	11.5		#	14		#	20.4		#
7439-89-6	Iron	mg/kg	10669			9970		#	9110		#	11700		A	11300		A	21300		A
7439-92-1	Lead	mg/kg	N/A			51.3		~	3.5		~	4		~	4.2		~	6.5		~
7439-95-4	Magnesium	mg/kg	N/A			858	B	~	961	B	~	1530		~	1510		~	2830		~
7439-96-5	Manganese	mg/kg	340			329	J	#	321	J	#	390	J	A	433	J	A	575	J	A
7439-97-6	Mercury	mg/kg	0.1			421	R		251	R		337	R		674	R		87.9	R	
7440-02-0	Nickel	mg/kg	13			15.8		A	7.3	B	#	10.5		#	9.1	B	#	15.5		A
7440-09-7	Potassium	mg/kg	N/A			426	B	~	547	B	~	888	B	~	590	B	~	1090	B	~
7782-49-2	Selenium	mg/kg	2			1.1	J	#	1	U		1	U		1.2	U		1.2	U	
7440-22-4	Silver	mg/kg	39			0.21	U		0.21	U		0.21	U		0.25	U		0.24	U	
7440-23-5	Sodium	mg/kg	N/A			476	BJ	~	321	BJ	~	302	BJ	~	403	BJ	~	509	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.1	UJ		1.1	UJ		1.1	UJ		1.3	UJ		1.3	UJ	
7440-62-2	Vanadium	mg/kg	54.7			7.7	B	#	8.7	B	#	10.9		#	9.2	B	#	17.4		#
7440-66-6	Zinc	mg/kg	24.2			101	J	A	22.4	J	#	38.6	J	A	53.7	J	A	41.5	J	A

304134

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBD-01-A 11/26/2001 1 to 3 ft.BGS SBD-01			SBD-01-B 11/26/2001 3 to 5 ft.BGS SBD-01			SBD-01-C 11/26/2001 5 to 7 ft.BGS SBD-01			SBD-01-D 11/26/2001 7 to 9 ft.BGS SBD-01			SBD-01-E 11/26/2001 9 to 11 ft.BGS SBD-01		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			770		~	540		~	590		~	430		~	1900		~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			14900		~	1310		~	898		~	609		~	865		~
12408-02-5	pH	S.U.	N/A			8.33		~	8.02		~	9.36		~	7.98		~	7.41		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			1.42		~				11.9		~	0.52		~	22		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			3.17		~	1.37		~	1050		~	2.48		~	27.6		~
No.40(0.425)	No. 40 (0.425)	%	N/A			9.28		~	9.58		~	15.5		~	3.06		~	15.2		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304135

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01			SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02			SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	9400			13	U		12	U		12	U		11	U		11	U	
74-87-3	Chloromethane	ug/kg	1200			13	U		12	U		12	U		11	U		11	U	
75-01-4	Vinyl Chloride	ug/kg	120			13	U		12	U		12	U		11	U		11	U	
74-83-9	Bromomethane	ug/kg	390			13	U		12	U		12	U		11	U		11	U	
75-00-3	Chloroethane	ug/kg	1900			13	U		12	U		12	U		11	U		11	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000			13	U		12	U		12	U		11	U		11	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			13	U		12	U		12	U		11	U		11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			13	U		12	U		12	U		11	U		11	U	
67-64-1	Acetone	ug/kg	110			72	UJ		300	UJ		12	UJ		220	UJ		210	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700			13	U		12	U		12	U		11	U		11	U	
79-20-9	Methyl Acetate	ug/kg	10000			13	U		12	U		12	U		11	U		11	U	
75-09-2	Methylene Chloride	ug/kg	100			2	J	#	12	U		2	J	#	11	U		3	J	#
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			13	U		12	U		12	U		11	U		11	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			13	U		12	U		12	U		11	U		11	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			13	U		12	U		12	U		11	U		11	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			13	U		12	U		12	U		11	U		11	U	
78-93-3	2-Butanone	ug/kg	300			2	J	#	5	J	#	2	J	#	28		#	31		#
67-66-3	Chloroform	ug/kg	40			13	U		12	U		3	J	#	11	U		11	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			13	U		12	U		12	U		11	U		11	U	
110-82-7	Cyclohexane	ug/kg	10000			13	U		12	U		12	U		11	U		11	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			13	U		12	U		12	U		11	U		11	U	
71-43-2	Benzene	ug/kg	60			13	U		12	U		12	U		11	U		11	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			13	U		12	U		12	U		11	U		11	U	
79-01-6	Trichloroethene	ug/kg	700			13	U		12	U		12	U		11	U		11	U	
108-87-2	Methylcyclohexane	ug/kg	10000			13	U		12	U		12	U		11	U		11	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			13	U		12	U		12	U		11	U		11	U	
75-27-4	Bromodichloromethane	ug/kg	1000			13	U		12	U		12	U		11	U		11	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			13	U		12	U		12	U		11	U		11	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			13	U		12	U		12	U		11	U		1	J	#

304136

COMPARISON FLAGS:
A -- De[redacted] sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
- -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01	SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01	SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01	SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02	SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02
108-88-3	Toluene	ug/kg	1500	13 U	12 U	12 U	11 U	11 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	13 U	12 U	12 U	11 U	11 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	13 U	12 U	12 U	11 U	11 U
127-18-4	Tetrachloroethene	ug/kg	1400	13 U	12 U	12 U	11 U	11 U
591-78-6	2-Hexanone	ug/kg	10000	13 U	12 U	12 U	11 U	11 U
124-48-1	Dibromochloromethane	ug/kg	1100	13 U	12 U	12 U	11 U	11 U
106-93-4	1,2-Dibromoethane	ug/kg	10	13 U	12 U	12 U	11 U	11 U
108-90-7	Chlorobenzene	ug/kg	1700	13 U	12 U	12 U	11 U	11 U
100-41-4	Ethylbenzene	ug/kg	5500	13 U	12 U	12 U	11 U	11 U
1330-20-7	Xylenes (total)	ug/kg	1200	13 U	12 U	12 U	11 U	11 U
100-42-5	Styrene	ug/kg	10000	13 U	12 U	12 U	11 U	11 U
75-25-2	Bromoform	ug/kg	10000	13 U	12 U	12 U	11 U	11 U
98-82-8	Isopropylbenzene	ug/kg	10000	13 U	12 U	12 U	11 U	11 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	13 U	12 U	12 U	11 U	11 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	13 U	12 U	12 U	11 U	11 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	13 U	12 U	12 U	11 U	11 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	13 U	12 U	12 U	11 U	11 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	13 U	12 U	12 U	11 U	11 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	13 U	12 U	12 U	11 U	11 U

304137

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01			SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02			SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02		
SV-1-s	**SemiVolatile Organics - Page 1**																	
100-52-7	Benzaldehyde	ug/kg	611000	430	U		450	U		450	U		8	J	#	10	J	#
108-95-2	Phenol	ug/kg	30	430	U		450	U		450	U		350	U		350	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	430	U		450	U		450	U		350	U		350	U	
95-57-8	2-Chlorophenol	ug/kg	800	430	U		450	U		450	U		350	U		350	U	
95-48-7	2-Methylphenol	ug/kg	100	430	U		450	U		450	U		350	U		350	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	430	U		450	U		450	U		350	U		350	U	
98-86-2	Acetophenone	ug/kg	50	430	U		450	U		450	U		14	J	#	350	U	
106-44-5	4-Methylphenol	ug/kg	900	430	U		450	U		450	U		350	U		350	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	430	U		450	U		450	U		350	U		350	U	
67-72-1	Hexachloroethene	ug/kg	6100	430	U		450	U		450	U		350	U		350	U	
98-95-3	Nitrobenzene	ug/kg	200	430	U		450	U		450	U		350	U		350	U	
78-59-1	Isophorone	ug/kg	4400	430	U		450	U		450	U		350	U		350	U	
88-75-5	2-Nitrophenol	ug/kg	330	430	U		450	U		450	U		350	U		350	U	
105-67-9	2,4-Dimethylphenol	ug/kg	122000	430	U		450	U		450	U		350	U		350	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	430	U		450	U		450	U		350	U		350	U	
120-83-2	2,4-Dichlorophenol	ug/kg	400	430	U		450	U		450	U		350	U		350	U	
91-20-3	Naphthalene	ug/kg	5600	430	U		450	U		450	U		11	J	#	350	U	
106-47-8	p-Chloroaniline	ug/kg	220	430	U		450	U		450	U		350	U		350	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	430	U		450	U		450	U		350	U		350	U	
105-60-2	Caprolactam	ug/kg	3055000	430	U		450	U		450	U		350	U		350	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	430	U		450	U		450	U		350	U		350	U	
91-57-6	2-Methylnaphthalene	ug/kg	36400	430	U		450	U		450	U		12	J	#	350	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	430	U		450	U		450	U		350	U		350	U	
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	430	U		450	U		450	U		350	U		350	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	1100	U		1100	U		1100	U		870	U		870	U	
92-52-4	1,1'-Biphenyl	ug/kg	301000	430	U		450	U		450	U		23	J	#	13	J	#
91-58-7	2-Chloronaphthalene	ug/kg	385000	430	U		450	U		450	U		350	U		350	U	
88-74-4	2-Nitroaniline	ug/kg	350	1100	U		1100	U		1100	U		870	U		870	U	
131-11-3	Dimethyl phthalate	ug/kg	2000	430	U		450	U		450	U		350	U		350	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	430	U		450	U		450	U		350	U		350	U	
208-96-8	Acenaphthylene	ug/kg	41000	430	U		450	U		450	U		350	U		350	U	
99-09-2	3-Nitrooaniline	ug/kg	500	1100	U		1100	U		1100	U		870	U		870	U	
83-32-9	Acenaphthene	ug/kg	50000	430	U		450	U		450	U		350	U		350	U	

304138

COMPARISON FLAGS:
A -- D[redacted]1 sample value is greater that the screening criterion.
-- D[redacted]J sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01			SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02			SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02		
SV-2-s	**SemiVolatile Organics - Page 2**																			
51-28-5	2,4-Dinitrophenol	ug/kg	200			1100	UJ		1100	UJ		1100	UJ		870	UJ		870	UJ	
100-02-7	4-Nitrophenol	ug/kg	100			1100	U		1100	U		1100	U		870	U		870	U	
132-64-9	Dibenzofuran	ug/kg	6200			430	U		450	U		450	U		350	U		350	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000			430	U		450	U		450	U		350	U		350	U	
84-66-2	Diethyl phthalate	ug/kg	7100			430	U		450	U		450	U		350	U		350	U	
86-73-7	Fluorene	ug/kg	50000			430	U		450	U		450	U		350	U		350	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A			430	U		450	U		450	U		350	U		350	U	
100-01-6	P-Nitroaniline	ug/kg	N/A			1100	U		1100	U		1100	U		870	U		870	U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A			1100	UJ		1100	UJ		1100	UJ		870	UJ		870	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000			430	U		450	U		450	U		350	U		350	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A			430	U		450	U		450	U		350	U		350	U	
118-74-1	Hexachlorobenzene	ug/kg	300			430	U		450	U		450	U		350	U		350	U	
1912-24-9	Atrazine	ug/kg	2200			430	U		450	U		450	U		350	U		350	U	
87-86-5	Pentachlorophenol	ug/kg	1000			1100	U		1100	U		1100	U		870	U		870	U	
85-01-8	Phenanthrene	ug/kg	50000			430	U		450	U		15	J	#	12	J	#	18	J	#
120-12-7	Anthracene	ug/kg	50000			430	U		450	U		240	J	#	350	U		350	U	
86-74-8	Carbazole	ug/kg	24300			430	U		450	U		39	J	#	350	U		350	U	
84-74-2	Di-n-butylphthalate	ug/kg	8100			430	U		450	U		450	U		12	J	#	350	U	
206-44-0	Fluoranthene	ug/kg	50000			430	U		14	J	#	30	J	#	350	U		350	U	
129-00-0	Pyrene	ug/kg	50000			430	U		450	U		53	J	#	350	U		350	U	
85-68-7	Benzyl butyl phthalate	ug/kg	50000			430	U		450	U		450	U		350	U		350	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100			430	U		450	U		450	U		350	U		350	U	
56-55-3	Benzo(a)anthracene	ug/kg	224			430	U		450	U		17	J	#	350	U		350	U	
218-01-9	Chrysene	ug/kg	400			430	U		450	U		41	J	#	350	U		350	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000			430	U		460	U		450	U		350	U		370	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000			430	U		450	U		450	U		350	U		20	J	#
205-99-2	Benzo(b)fluoranthene	ug/kg	620			430	U		450	U		31	J	#	350	U		14	J	#
207-08-9	Benzo(k)fluoranthene	ug/kg	1100			430	U		450	U		25	J	#	350	U		350	U	
50-32-8	Benzo(a)pyrene	ug/kg	200			430	U		450	U		25	J	#	350	U		350	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620			430	U		450	U		25	J	#	350	U		350	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180			430	U		450	U		450	U		350	U		350	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000			430	U		450	U		450	U		350	U		350	U	

304139

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01			SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02			SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02		
P/PCBs-s	**Pesticides/PCB Organics**																	
319-84-6	alpha-BHC	ug/kg	90	2.2	U		2.3	U		2.3	U		2	R		1.8	U	
319-85-7	beta-BHC	ug/kg	200	2.2	U		2.3	U		2.3	U		1.8	U		3	NJ	#
319-86-8	delta-BHC	ug/kg	300	2.2	U		2.3	U		2.3	U		1.8	U		1.8	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	60	2.2	U		2.3	U		2.3	U		1.8	U		1.8	U	
76-44-8	Heptachlor	ug/kg	100	2.2	U		2.3	U		2.3	U		1.8	U		1.8	U	
309-00-2	Aldrin	ug/kg	30	2.2	U		2.3	U		2.3	U		1.8	U		1.8	U	
1024-57-3	Heptachlor Epoxide	ug/kg	20	2.2	U		2.3	U		2.3	U		1.8	U		1.8	U	
959-98-8	Endosulfan I	ug/kg	900	2.2	U		2.3	U		2.3	U		1.8	U		1.8	U	
60-57-1	Dieldrin	ug/kg	30	4.3	U		4.5	U		4.5	U		3.5	U		3.5	U	
72-55-9	4,4'-DDE	ug/kg	1700	4.3	U		4.5	U		4.5	U		3.5	U		3.5	U	
72-20-8	Endrin	ug/kg	100	4.3	U		4.5	U		4.5	U		3.5	U		3.5	U	
33213-65-9	Endosulfan II	ug/kg	900	4.3	U		4.5	U		4.5	U		3.5	U		3.5	U	
72-54-8	4,4'-DDD	ug/kg	2400	4.3	U		4.5	U		4.5	U		3.5	U		3.5	U	
1031-07-8	Endosulfan Sulfate	ug/kg	1000	4.3	U		4.5	U		4.5	U		3.5	U		3.5	U	
50-29-3	4,4'-DDT	ug/kg	1700	4.3	U		4.5	U		4.5	U		3.5	U		3.5	U	
72-43-5	Methoxychlor	ug/kg	31000	22	U		23	U		23	U		18	U		18	U	
53494-70-5	Endrin Ketone	ug/kg	N/A	4.3	U		4.5	U		4.5	U		3.5	U		3.5	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4.3	U		4.5	U		4.5	U		3.5	U		3.5	U	
5103-71-9	alpha-Chlordane	ug/kg	540	2.2	U		2.3	U		2.3	U		1.8	U		1.8	U	
5103-74-2	gamma-Chlordane	ug/kg	540	2.2	U		2.3	U		2.3	U		1.8	U		1.8	U	
8001-35-2	Toxaphene	ug/kg	440	220	U		230	U		230	U		180	U		180	U	
12674-11-2	Aroclor-1016	ug/kg	390	43	U		45	U		45	U		35	U		35	U	
11104-28-2	Aroclor-1221	ug/kg	220	88	U		91	U		91	U		70	U		71	U	
11141-16-5	Aroclor-1232	ug/kg	220	43	U		45	U		45	U		35	U		35	U	
53469-21-9	Aroclor-1242	ug/kg	220	43	U		45	U		45	U		35	U		35	U	
12672-29-6	Aroclor-1248	ug/kg	220	43	U		1500		A	45	U		670		A	180		#
11097-69-1	Aroclor-1254	ug/kg	110	43	U		45	U		45	U		35	U		35	U	
11096-82-5	Aroclor-1260	ug/kg	220	43	U		20	J	#	45	U		14	J	#	35	U	

304140

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01			SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01			SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02			SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			5740		#	7190		#	5090		#	4100		#	3420		#
7440-36-0	Antimony	mg/kg	3.1			0.89	UJ		0.93	UJ		0.92	UJ		0.77	UJ		0.75	UJ	
7440-38-2	Arsenic	mg/kg	2.4			3.2		A	4.2		A	2.8		A	1.1	B	#	1.5	B	#
7440-39-3	Barium	mg/kg	300			15.7	B	#	21.5	B	#	17.4	B	#	10.8	B	#	9.3	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.24	B	#	0.34	B	A	0.22	B	#	0.17	B	#	0.14	B	#
7440-43-9	Cadmium	mg/kg	1			0.1	U		0.1	U		0.1	U		0.08	U		0.08	U	
7440-70-2	Calcium	mg/kg	N/A			847	B	~	1080	B	~	970	B	~	603	B	~	500	B	~
7440-47-3	Chromium	mg/kg	6.2			6.5		A	8.1		A	6.6		A	4.4		#	4.4		#
7440-48-4	Cobalt	mg/kg	30			5.4	B	#	6.2	B	#	4.8	B	#	2.9	B	#	2.6	B	#
7440-50-8	Copper	mg/kg	25			16.4		#	18.8		#	16.9		#	8.3		#	6.7		#
7439-89-6	Iron	mg/kg	10669			13800		A	16500		A	12700		A	7930		#	7570		#
7439-92-1	Lead	mg/kg	N/A			4.6		~	5.9		~	11.3		~	3.8		~	3.9		~
7439-95-4	Magnesium	mg/kg	N/A			1900		~	2230		~	1740		~	1040	B	~	977	B	~
7439-96-5	Manganese	mg/kg	340			459	J	A	529	J	A	454	J	A	172	J	#	187	J	#
7439-97-6	Mercury	mg/kg	0.1			985	R		1780	R		489	R		614	R		395	J	A
7440-02-0	Nickel	mg/kg	13			11.2		#	13.1		A	10.9		#	6.4	B	#	5.8	B	#
7440-09-7	Potassium	mg/kg	N/A			648	B	~	817	B	~	601	B	~	314	B	~	293	B	~
7782-49-2	Selenium	mg/kg	2			1.2	U		1.2	U		1.2	U		1	U		0.97	U	
7440-22-4	Silver	mg/kg	39			0.24	U		0.25	U		0.25	U		0.21	U		0.2	U	
7440-23-5	Sodium	mg/kg	N/A			362	BJ	~	414	BJ	~	394	BJ	~	279	BJ	~	270	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.3	UJ		1.3	UJ		1.3	UJ		1.1	UJ		1.1	UJ	
7440-62-2	Vanadium	mg/kg	54.7			10.5	B	#	12.7		#	9.9	B	#	7.9	B	#	7.1	B	#
7440-66-6	Zinc	mg/kg	24.2			33.4	J	A	43.3	J	A	49.8	J	A	18.5	J	#	19.2	J	#

304141

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil		SBD-01-F 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-F-D 11/26/2001 11 to 13 ft.BGS SBD-01		SBD-01-G 11/26/2001 16 to 18 ft.BGS SBD-01		SBD-02-A 11/27/2001 2 to 4 ft.BGS SBD-02		SBD-02-B 11/27/2001 4 to 6 ft.BGS SBD-02	
Add-I	**Additional Parameters**													
7440-23-5	Sodium	MEQ/kg	N/A		560	~	540	~	570	~	470	~	300	~
GIS-110-012	Total Organic Carbon	mg/kg	N/A		604	~	710	~	1940	~	1660	~	766	~
12408-02-5	pH	S.U.	N/A		8.3	~	7.65	~	7.04	~	7.14	~	7.7	~
Grain-85	**Grain - 3 members**													
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A		15	~	18.5	~	21.7	~	13	~	1.77	~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A		12.8	~	18.3	~	15	~	6.02	~	3.35	~
No.40(0.425)	No. 40 (0.425)	%	N/A		7.23	~	8.34	~	7.85	~	22.2	~	26.5	~
Grain-90	**Grain - 6 members**													
105	<105	%	N/A											
105-425	105-425	%	N/A											
425 - 500	425 - 500	%	N/A											
500 - 850	500 - 850	%	N/A											
850 - 2380	850 - 2380	%	N/A											
2380	>2380	%	N/A											

304142

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02			SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02			SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02			SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02			SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	9400			10	U		11	U		12	U		14	U		11	U	
74-87-3	Chloromethane	ug/kg	1200			10	U		11	U		12	U		14	U		11	U	
75-01-4	Vinyl Chloride	ug/kg	120			10	U		11	U		12	U		14	U		11	U	
74-83-9	Bromomethane	ug/kg	390			10	U		11	U		12	U		14	U		11	U	
75-00-3	Chloroethane	ug/kg	1900			10	U		11	U		12	U		14	U		11	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000			10	U		11	U		12	U		14	U		11	U	
75-35-4	1,1-Dichloroethene	ug/kg	50			10	U		11	U		12	U		14	U		11	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			1	J	#	11	U		12	U		14	U		11	U	
67-64-1	Acetone	ug/kg	110			190	UJ		96	UJ		40	UJ		60	UJ		60	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700			10	U		11	U		12	U		14	U		2	J	#
79-20-9	Methyl Acetate	ug/kg	10000			10	U		11	U		12	U		14	U		11	U	
75-09-2	Methylene Chloride	ug/kg	100			2	J	#	2	J	#	2	J	#	14	U		11	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			10	U		11	U		12	U		14	U		11	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			10	U		11	U		12	U		14	U		11	U	
75-34-3	1,1-Dichloroethane	ug/kg	200			10	U		11	U		12	U		14	U		11	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			10	U		11	U		12	U		14	U		11	U	
78-93-3	2-Butanone	ug/kg	300			30		#	32		#	3	J	#	6	J	#	7	J	#
67-66-3	Chloroform	ug/kg	40			10	U		11	U		12	U		14	U		11	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			10	U		11	U		12	U		14	U		11	U	
110-82-7	Cyclohexane	ug/kg	10000			10	U		11	U		12	U		14	U		11	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			10	U		11	U		12	U		14	U		11	U	
71-43-2	Benzene	ug/kg	60			8	J	#	11	U		12	U		14	U		11	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			10	U		11	U		12	U		14	U		11	U	
79-01-6	Trichloroethene	ug/kg	700			10	U		11	U		12	U		14	U		11	U	
108-87-2	Methylcyclohexane	ug/kg	10000			10	U		11	U		12	U		14	U		11	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			10	U		11	U		12	U		14	U		11	U	
75-27-4	Bromodichloromethane	ug/kg	1000			10	U		11	U		12	U		14	U		11	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			10	U		11	U		12	U		14	U		11	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			2	J	#	2	J	#	12	U		14	UJ		11	U	

304143

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02	SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02	SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02	SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02	SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02
108-88-3	Toluene	ug/kg	1500	3 J #	11 U	12 U	14 UJ	11 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	10 U	11 U	12 U	14 U	11 U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	10 U	11 U	12 U	14 U	11 U
127-18-4	Tetrachloroethene	ug/kg	1400	10 U	11 U	12 U	14 UJ	11 U
591-78-6	2-Hexanone	ug/kg	10000	7 J #	11 #	12 U	14 UJ	11 U
124-48-1	Dibromochloromethane	ug/kg	1100	10 U	11 U	12 U	14 U	11 U
106-93-4	1,2-Dibromoethane	ug/kg	10	10 U	11 U	12 U	14 UJ	11 U
108-90-7	Chlorobenzene	ug/kg	1700	10 U	11 U	12 U	14 UJ	11 U
100-41-4	Ethylbenzene	ug/kg	5500	4 J #	11 U	12 U	14 UJ	11 U
1330-20-7	Xylenes (total)	ug/kg	1200	6 J #	11 U	12 U	14 UJ	11 U
100-42-5	Styrene	ug/kg	10000	3 J #	11 U	12 U	14 UJ	11 U
75-25-2	Bromoform	ug/kg	10000	10 U	11 U	12 U	14 U	11 U
98-82-8	Isopropylbenzene	ug/kg	10000	2 J #	11 U	12 U	14 UJ	11 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	10 U	11 U	12 U	14 UJ	11 U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	10 U	11 U	12 U	14 UJ	11 U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	10 U	11 U	12 U	14 UJ	11 U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	10 U	11 U	12 U	14 UJ	11 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	10 U	11 U	12 U	14 UJ	11 U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	2 J #	11 U	12 U	14 UJ	11 U

304144

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02			SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02			SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02			SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02			SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02		
SV-1-s	**SemiVolatile Organics - Page 1**																	
100-52-7	Benzaldehyde	ug/kg	611000	340	U		11	J	#	5	J	#	48	J	#	30	J	#
108-95-2	Phenol	ug/kg	30	340	U		350	U		380	U		440	U		430	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	340	U		350	U		380	U		440	U		430	U	
95-57-8	2-Chlorophenol	ug/kg	800	340	U		350	U		380	U		440	U		430	U	
95-48-7	2-Methylphenol	ug/kg	100	340	U		350	U		380	U		440	U		430	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	340	U		350	U		380	U		440	U		430	U	
98-86-2	Acetophenone	ug/kg	50	340	U		15	J	#	380	U		440	U		430	U	
106-44-5	4-Methylphenol	ug/kg	900	340	U		350	U		380	U		440	U		430	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	340	U		350	U		380	U		440	U		430	U	
67-72-1	Hexachloroethene	ug/kg	6100	340	U		350	U		380	U		440	U		430	U	
98-95-3	Nitrobenzene	ug/kg	200	340	U		350	U		380	U		440	U		430	U	
78-59-1	Isophorone	ug/kg	4400	340	U		350	U		380	U		440	U		430	U	
88-75-5	2-Nitrophenol	ug/kg	330	340	U		350	U		380	U		440	U		430	U	
105-67-9	2,4-Dimethylphenol	ug/kg	122000	340	U		350	U		380	U		440	U		430	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	340	U		350	U		380	U		440	U		430	U	
120-83-2	2,4-Dichlorophenol	ug/kg	400	340	U		350	U		380	U		440	U		430	U	
91-20-3	Naphthalene	ug/kg	5600	340	U		350	U		380	U		440	U		430	U	
106-47-8	p-Chloroaniline	ug/kg	220	340	U		350	U		380	U		440	U		430	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	340	U		350	UJ		380	UJ		440	UJ		430	UJ	
105-60-2	Caprolactam	ug/kg	3055000	340	U		22	J	#	380	U		440	U		430	U	
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	340	U		350	U		380	U		440	U		430	U	
91-57-6	2-Methylnaphthalene	ug/kg	36400	340	U		350	U		380	U		440	U		430	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	340	U		350	U		380	U		440	U		430	U	
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	340	U		350	U		380	U		440	U		430	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	860	U		880	U		940	U		1100	U		1100	U	
92-52-4	1,1'-Biphenyl	ug/kg	301000	340	U		14	J	#	380	U		440	U		430	U	
91-58-7	2-Chloronaphthalene	ug/kg	385000	340	U		350	U		380	U		440	U		430	U	
88-74-4	2-Nitroaniline	ug/kg	350	860	U		880	U		940	U		1100	U		1100	U	
131-11-3	Dimethyl phthalate	ug/kg	2000	340	U		350	U		380	U		440	U		430	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	340	U		350	U		380	U		440	U		430	U	
208-96-8	Acenaphthylene	ug/kg	41000	340	U		350	U		380	U		440	U		430	U	
99-09-2	3-Nitrooaniline	ug/kg	500	860	U		880	U		940	U		1100	U		1100	U	
83-32-9	Acenaphthene	ug/kg	50000	340	U		350	U		380	U		440	U		430	U	

304145

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02			SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02			SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02			SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02			SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02		
SV-2-s	**SemiVolatile Organics - Page 2**																			
51-28-5	2,4-Dinitrophenol	ug/kg	200			860	UJ		880	R		940	R		1100	R		1100	R	
100-02-7	4-Nitrophenol	ug/kg	100			860	U		880	UJ		940	UJ		1100	UJ		1100	UJ	
132-64-9	Dibenzofuran	ug/kg	6200			340	U		8	J	#	380	U		440	U		430	U	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000			340	U		350	U		380	U		440	U		430	U	
84-66-2	Diethyl phthalate	ug/kg	7100			340	U		13	J	#	380	U		440	U		430	U	
86-73-7	Fluorene	ug/kg	50000			340	U		350	U		380	U		440	U		430	U	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A			340	U		350	U		380	U		440	U		430	U	
100-01-6	P-Nitroaniline	ug/kg	N/A			860	U		880	UJ		940	UJ		1100	UJ		1100	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A			860	UJ		880	UJ		940	UJ		1100	UJ		1100	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000			340	U		350	U		380	U		440	U		430	U	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A			340	U		350	U		380	U		440	U		430	U	
118-74-1	Hexachlorobenzene	ug/kg	300			340	U		350	U		380	U		440	U		430	U	
1912-24-9	Atrazine	ug/kg	2200			340	U		350	U		380	U		440	U		430	U	
87-86-5	Pentachlorophenol	ug/kg	1000			860	U		880	UJ		940	UJ		1100	UJ		1100	UJ	
85-01-8	Phenanthrene	ug/kg	50000			340	U		17	J	#	380	U		15	J	#	16	J	#
120-12-7	Anthracene	ug/kg	50000			340	U		11	J	#	380	U		440	U		430	U	
86-74-8	Carbazole	ug/kg	24300			340	U		350	U		380	U		440	U		430	U	
84-74-2	Di-n-butylphthalate	ug/kg	8100			340	U		19	J	#	380	U		440	U		430	U	
206-44-0	Fluoranthene	ug/kg	50000			340	U		11	J	#	380	U		13	J	#	13	J	#
129-00-0	Pyrene	ug/kg	50000			340	U		350	U		380	U		440	U		430	U	
85-68-7	Benzyl butyl phthalate	ug/kg	50000			340	U		15	J	#	380	U		440	U		430	U	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100			340	U		350	U		380	U		440	U		430	U	
56-55-3	Benzo(a)anthracene	ug/kg	224			340	U		350	U		380	U		440	U		430	U	
218-01-9	Chrysene	ug/kg	400			340	U		14	J	#	380	U		440	U		430	U	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000			340	U		350	U		380	U		440	U		430	U	
117-84-0	Di-n-octylphthalate	ug/kg	50000			340	U		35	J	#	16	J	#	440	U		20	J	#
205-99-2	Benzo(b)fluoranthene	ug/kg	620			340	U		350	U		380	U		440	U		430	U	
207-08-9	Benzo(k)fluoranthene	ug/kg	1100			340	U		350	U		380	U		440	U		430	U	
50-32-8	Benzo(a)pyrene	ug/kg	200			340	U		350	U		380	U		440	U		430	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620			340	U		350	U		380	U		440	U		430	U	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180			340	U		350	U		380	U		440	U		430	U	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000			340	U		350	U		380	U		440	U		430	U	

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COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02			SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02			SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02			SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02			SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02		
P/PCBs-s	**Pesticides/PCB Organics**																	
319-84-6	alpha-BHC	ug/kg	90	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
319-85-7	beta-BHC	ug/kg	200	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
319-86-8	delta-BHC	ug/kg	300	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	60	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
76-44-8	Heptachlor	ug/kg	100	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
309-00-2	Aldrin	ug/kg	30	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
1024-57-3	Heptachlor Epoxide	ug/kg	20	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
959-98-8	Endosulfan I	ug/kg	900	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
60-57-1	Dieldrin	ug/kg	30	3.5	U		3.5	U		3.8	U		4.4	U		4.3	U	
72-55-9	4,4'-DDE	ug/kg	1700	3.5	U		3.5	U		3.8	U		4.4	U		4.3	U	
72-20-8	Endrin	ug/kg	100	3.5	U		3.5	U		3.8	U		4.4	U		4.3	U	
33213-65-9	Endosulfan II	ug/kg	900	3.5	U		3.5	U		3.8	U		4.4	U		4.3	U	
72-54-8	4,4'-DDD	ug/kg	2400	3.5	U		3.5	U		3.8	U		4.4	U		4.3	U	
1031-07-8	Endosulfan Sulfate	ug/kg	1000	3.5	U		3.5	U		3.8	U		4.4	U		4.3	U	
50-29-3	4,4'-DDT	ug/kg	1700	3.5	U		3.5	U		3.8	U		4.4	U		4.3	U	
72-43-5	Methoxychlor	ug/kg	31000	18	U		18	U		19	U		23	U		22	U	
53494-70-5	Endrin Ketone	ug/kg	N/A	3.5	U		3.5	U		3.8	U		4.4	U		4.3	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A	3.5	U		3.5	U		3.8	U		4.4	U		4.3	U	
5103-71-9	alpha-Chlordane	ug/kg	540	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
5103-74-2	gamma-Chlordane	ug/kg	540	1.8	U		1.8	U		1.9	U		2.3	U		2.2	U	
8001-35-2	Toxaphene	ug/kg	440	180	U		180	U		190	U		230	U		220	U	
12674-11-2	Aroclor-1016	ug/kg	390	35	U		35	U		38	U		44	U		43	U	
11104-28-2	Aroclor-1221	ug/kg	220	70	U		72	U		76	U		89	U		88	U	
11141-16-5	Aroclor-1232	ug/kg	220	35	U		35	U		38	U		44	U		43	U	
53469-21-9	Aroclor-1242	ug/kg	220	35	U		35	U		38	U		44	U		43	U	
12672-29-6	Aroclor-1248	ug/kg	220	130		#	35	U		560		A	430		A	260		A
11097-69-1	Aroclor-1254	ug/kg	110	35	U		34	J	#	38	U		44	U		43	U	
11096-82-5	Aroclor-1260	ug/kg	220	35	U		35	U		32	J	#	34	J	#	43	U	

304147

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02			SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02			SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02			SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02			SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02		
Inorg-s	**Inorganic Analytes**																	
7429-90-5	Aluminum	mg/kg	7614	3310		#	4220		#	4260		#	3250		#	3650		#
7440-36-0	Antimony	mg/kg	3.1	0.76	UJ		0.79	UJ		0.84	UJ		0.93	UJ		0.91	UJ	
7440-38-2	Arsenic	mg/kg	2.4	1.2	B	#	1.3	B	#	0.89	B	#	0.76	U		0.78	B	#
7440-39-3	Barium	mg/kg	300	9.2	B	#	11.7	B	#	18.5	B	#	19.2	B	#	24.7	B	#
7440-41-7	Beryllium	mg/kg	0.3	0.16	B	#	0.15	B	#	0.18	B	#	0.15	B	#	0.17	B	#
7440-43-9	Cadmium	mg/kg	1	0.08	U		0.18	B	#	0.09	U		0.1	U		0.1	U	
7440-70-2	Calcium	mg/kg	N/A	1340		~	946	B	~	477	B	~	615	B	~	714	B	~
7440-47-3	Chromium	mg/kg	6.2	3.7		#	4.4		#	4.7		#	4.2		#	4.6		#
7440-48-4	Cobalt	mg/kg	30	2.3	B	#	2.6	B	#	2.5	B	#	1.4	B	#	1.5	B	#
7440-50-8	Copper	mg/kg	25	8.1		#	6.8		#	9.2		#	6.8		#	7.3		#
7439-89-6	Iron	mg/kg	10669	7350		#	7860		#	7100		#	5750		#	6060		#
7439-92-1	Lead	mg/kg	N/A	4		~	3.4		~	6		~	6.1		~	8		~
7439-95-4	Magnesium	mg/kg	N/A	966	B	~	1020	B	~	805	B	~	779	B	~	788	B	~
7439-96-5	Manganese	mg/kg	340	175	J	#	230	J	#	88.6	J	#	59	J	#	65.1	J	#
7439-97-6	Mercury	mg/kg	0.1	593	R		1420	R		318	R		61.5	R		5.1	R	
7440-02-0	Nickel	mg/kg	13	5.8	B	#	7	B	#	5.8	B	#	4.7	B	#	5.1	B	#
7440-09-7	Potassium	mg/kg	N/A	281	B	~	291	B	~	244	B	~	231	B	~	231	B	~
7782-49-2	Selenium	mg/kg	2	0.98	U		1	U		1.1	U		1.2	U		1.2	U	
7440-22-4	Silver	mg/kg	39	0.2	U		0.21	U		0.23	U		0.25	U		0.24	U	
7440-23-5	Sodium	mg/kg	N/A	335	BJ	~	311	BJ	~	257	BJ	~	354	BJ	~	347	BJ	~
7440-28-0	Thallium	mg/kg	N/A	1.1	UJ		1.1	UJ		1.2	UJ		1.3	UJ		1.3	UJ	
7440-62-2	Vanadium	mg/kg	54.7	7	B	#	8	B	#	8.1	B	#	7.3	B	#	7.4	B	#
7440-66-6	Zinc	mg/kg	24.2	20	J	#	25.1	J	A	17.5	J	#	29.8	J	A	40.3	J	A

304148

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBD-02-C 11/27/2001 6 to 8 ft.BGS SBD-02			SBD-02-D 11/27/2001 8 to 10 ft.BGS SBD-02			SBD-02-E 11/27/2001 10 to 12 ft.BGS SBD-02			SBD-02-F 11/27/2001 12 to 14 ft.BGS SBD-02			SBD-02-F-D 11/27/2001 12 to 14 ft.BGS SBD-02		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			300		~	450		~	490		~	490		~	1600		~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			1280		~	1120		~	3400		~	20800		~	13500		~
12408-02-5	pH	S.U.	N/A			7.81		~	6.25		~	6.6		~	6.36		~	6.31		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			7.84		~	0.51		~	5.49		~	5.55		~	8.5		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			3.45		~	1.44		~	9.08		~	5.93		~	20.1		~
No.40(0.425)	No. 40 (0.425)	%	N/A			66.2		~	9.1		~	22.5		~	19.9		~	20.4		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304149

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02			SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03			SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03			SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03			SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03		
VOA-s	**Volatile Organics**																			
75-71-8	Dichlorodifluoromethane	ug/kg	9400			10	U		53	U		57	U		11	U		11	UJ	
74-87-3	Chloromethane	ug/kg	1200			10	U		53	U		57	U		11	U		11	UJ	
75-01-4	Vinyl Chloride	ug/kg	120			10	U		53	U		57	U		11	U		11	UJ	
74-83-9	Bromomethane	ug/kg	390			10	U		53	U		57	U		11	U		11	UJ	
75-00-3	Chloroethane	ug/kg	1900			10	U		53	U		57	U		11	U		11	UJ	
75-69-4	Trichlorofluoromethane	ug/kg	10000			10	U		53	U		57	U		11	U		11	UJ	
75-35-4	1,1-Dichloroethene	ug/kg	50			10	U		53	U		57	U		11	U		11	UJ	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000			10	U		53	U		57	U		11	U		11	UJ	
67-64-1	Acetone	ug/kg	110			66	UJ		53	UJ		57	UJ		11	UJ		11	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700			10	U		53	U		57	U		11	U		11	UJ	
79-20-9	Methyl Acetate	ug/kg	10000			10	U		53	U		57	U		11	U		11	UJ	
75-09-2	Methylene Chloride	ug/kg	100			1	J	#	53	U		57	U		11	U		11	UJ	
156-60-5	trans-1,2-Dichloroethene	ug/kg	300			10	U		53	U		57	U		11	U		11	UJ	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000			10	U		53	U		57	U		11	U		11	UJ	
75-34-3	1,1-Dichloroethane	ug/kg	200			10	U		53	U		57	U		11	U		11	UJ	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300			10	U		53	U		57	U		11	U		11	UJ	
78-93-3	2-Butanone	ug/kg	300			5	J	#	53	U		57	U		11	U		11	UJ	
67-66-3	Chloroform	ug/kg	40			10	U		53	U		57	U		11	U		11	UJ	
71-55-6	1,1,1-Trichloroethane	ug/kg	760			10	U		53	U		57	U		11	U		11	U	
110-82-7	Cyclohexane	ug/kg	10000			10	U		53	U		57	U		11	U		11	U	
56-23-5	Carbon Tetrachloride	ug/kg	200			10	U		53	U		57	U		11	U		11	U	
71-43-2	Benzene	ug/kg	60			10	U		53	U		57	U		11	U		11	U	
107-06-2	1,2-Dichloroethane	ug/kg	100			10	U		53	U		57	U		11	U		11	UJ	
79-01-6	Trichloroethene	ug/kg	700			10	U		53	U		57	U		11	U		11	U	
108-87-2	Methylcyclohexane	ug/kg	10000			10	U		53	U		57	U		11	U		11	U	
78-87-5	1,2-Dichloropropane	ug/kg	350			10	U		53	U		57	U		11	U		11	U	
75-27-4	Bromodichloromethane	ug/kg	1000			10	U		53	U		57	U		11	U		11	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000			10	U		53	U		57	U		11	U		11	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000			10	U		53	U		57	U		11	U		11	U	

304150

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02			SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03			SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03			SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03			SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03		
108-88-3	Toluene	ug/kg	1500			10	U		53	U		57	U		11	U		11	U	
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000			10	U		53	U		57	U		11	U		11	U	
79-00-5	1,1,2-Trichloroethane	ug/kg	800			10	U		53	U		57	U		11	U		11	U	
127-18-4	Tetrachloroethene	ug/kg	1400			10	U		53	U		57	U		11	U		11	U	
591-78-6	2-Hexanone	ug/kg	10000			10	U		53	U		57	U		11	U		11	U	
124-48-1	Dibromochloromethane	ug/kg	1100			10	U		53	U		57	U		11	U		11	U	
106-93-4	1,2-Dibromoethane	ug/kg	10			10	U		53	U		57	U		11	U		11	U	
108-90-7	Chlorobenzene	ug/kg	1700			10	U		53	U		57	U		11	U		11	U	
100-41-4	Ethylbenzene	ug/kg	5500			10	U		53	U		57	U		11	U		11	U	
1330-20-7	Xylenes (total)	ug/kg	1200			10	U		53	U		57	U		11	U		11	U	
100-42-5	Styrene	ug/kg	10000			10	U		53	U		57	U		11	U		11	U	
75-25-2	Bromoform	ug/kg	10000			10	U		53	U		57	U		11	U		11	U	
98-82-8	Isopropylbenzene	ug/kg	10000			10	U		53	U		57	U		11	U		11	U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400			10	U		53	U		57	U		11	U		11	U	
541-73-1	1,3-Dichlorobenzene	ug/kg	1300			10	U		53	U		57	U		11	U		11	U	
106-46-7	1,4-Dichlorobenzene	ug/kg	3400			10	U		53	U		57	U		11	U		11	U	
95-50-1	1,2-Dichlorobenzene	ug/kg	7900			10	U		53	U		57	U		11	U		11	U	
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150			10	U		53	U		57	U		11	U		11	U	
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400			10	U		53	U		57	U		11	U		11	U	

304151

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02	SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03	SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03	SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03	SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	611000	24 J #	350 UJ	380 UJ	400 UJ	410 UJ
108-95-2	Phenol	ug/kg	30	400 U	350 UJ	380 UJ	400 UJ	410 UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	400 U	350 UJ	380 UJ	400 UJ	410 UJ
95-57-8	2-Chlorophenol	ug/kg	800	400 U	350 UJ	380 UJ	400 UJ	410 UJ
95-48-7	2-Methylphenol	ug/kg	100	400 U	350 UJ	380 UJ	400 UJ	410 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	400 U	350 UJ	380 UJ	400 UJ	410 UJ
98-86-2	Acetophenone	ug/kg	50	13 J #	350 UJ	380 UJ	400 UJ	410 UJ
106-44-5	4-Methylphenol	ug/kg	900	400 U	350 UJ	380 UJ	400 UJ	410 UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	400 U	350 UJ	380 UJ	400 UJ	410 UJ
67-72-1	Hexachloroethene	ug/kg	6100	400 U	350 UJ	380 UJ	400 UJ	410 UJ
98-95-3	Nitrobenzene	ug/kg	200	400 U	350 UJ	380 UJ	400 UJ	410 UJ
78-59-1	Isophorone	ug/kg	4400	400 U	350 UJ	380 UJ	400 UJ	410 UJ
88-75-5	2-Nitrophenol	ug/kg	330	400 U	350 UJ	380 UJ	400 UJ	410 UJ
105-67-9	2,4-Dimethylphenol	ug/kg	122000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	400 U	350 UJ	380 UJ	400 UJ	410 UJ
120-83-2	2,4-Dichlorophenol	ug/kg	400	400 U	350 UJ	380 UJ	400 UJ	410 UJ
91-20-3	Naphthalene	ug/kg	5600	9 J #	350 UJ	380 UJ	400 UJ	410 UJ
106-47-8	p-Chloroaniline	ug/kg	220	400 U	350 UJ	380 UJ	400 UJ	410 UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	400 UJ	350 UJ	380 UJ	400 UJ	410 UJ
105-60-2	Caprolactam	ug/kg	3055000	21 J #	350 UJ	380 UJ	400 UJ	410 UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	400 U	350 UJ	380 UJ	400 UJ	410 UJ
91-57-6	2-Methylnaphthalene	ug/kg	36400	13 J #	350 UJ	380 UJ	400 UJ	410 UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	1000 U	880 UJ	940 UJ	1000 UJ	1000 UJ
92-52-4	1,1'-Biphenyl	ug/kg	301000	30 J #	350 UJ	380 UJ	400 UJ	410 UJ
91-58-7	2-Chloronaphthalene	ug/kg	385000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
88-74-4	2-Nitroaniline	ug/kg	350	1000 U	880 UJ	940 UJ	1000 UJ	1000 UJ
131-11-3	Dimethyl phthalate	ug/kg	2000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
208-96-8	Acenaphthylene	ug/kg	41000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
99-09-2	3-Nitrooaniline	ug/kg	500	1000 U	880 UJ	940 UJ	1000 UJ	1000 UJ
83-32-9	Acenaphthene	ug/kg	50000	400 U	350 UJ	380 UJ	400 UJ	410 UJ

304152

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02	SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03	SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03	SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03	SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03
SV-2-s	**SemiVolatile Organics - Page 2**							
51-28-5	2,4-Dinitrophenol	ug/kg	200	1000 R	880 UJ	940 UJ	1000 UJ	1000 UJ
100-02-7	4-Nitrophenol	ug/kg	100	1000 UJ	880 UJ	940 UJ	1000 UJ	1000 UJ
132-64-9	Dibenzofuran	ug/kg	6200	400 U	350 UJ	380 UJ	400 UJ	410 UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
84-66-2	Diethyl phthalate	ug/kg	7100	400 U	350 UJ	380 UJ	400 UJ	410 UJ
86-73-7	Fluorene	ug/kg	50000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	400 U	350 UJ	380 UJ	400 UJ	410 UJ
100-01-6	P-Nitroaniline	ug/kg	N/A	1000 UJ	880 UJ	940 UJ	1000 UJ	1000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1000 UJ	880 UJ	940 UJ	1000 UJ	1000 UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	400 U	350 UJ	380 UJ	400 UJ	410 UJ
118-74-1	Hexachlorobenzene	ug/kg	300	400 U	350 UJ	380 UJ	400 UJ	410 UJ
1912-24-9	Atrazine	ug/kg	2200	400 U	350 UJ	380 UJ	400 UJ	410 UJ
87-86-5	Pentachlorophenol	ug/kg	1000	1000 UJ	880 UJ	940 UJ	1000 UJ	1000 UJ
85-01-8	Phenanthrene	ug/kg	50000	45 J #	350 UJ	380 UJ	400 UJ	410 UJ
120-12-7	Anthracene	ug/kg	50000	19 J #	350 UJ	380 UJ	400 UJ	410 UJ
86-74-8	Carbazole	ug/kg	24300	400 U	350 UJ	380 UJ	400 UJ	410 UJ
84-74-2	Di-n-butylphthalate	ug/kg	8100	84 J #	350 UJ	380 UJ	400 UJ	410 UJ
206-44-0	Fluoranthene	ug/kg	50000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
129-00-0	Pyrene	ug/kg	50000	20 J #	350 UJ	380 UJ	400 UJ	410 UJ
85-68-7	Benzyl butyl phthalate	ug/kg	50000	13 J #	350 UJ	380 UJ	400 UJ	410 UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	400 U	350 UJ	380 UJ	400 UJ	410 UJ
56-55-3	Benzo(a)anthracene	ug/kg	224	400 U	350 UJ	380 UJ	400 UJ	410 UJ
218-01-9	Chrysene	ug/kg	400	32 J #	350 UJ	380 UJ	400 UJ	410 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	1100 #	350 UJ	380 UJ	400 UJ	410 UJ
117-84-0	Di-n-octylphthalate	ug/kg	50000	400 U	350 UJ	380 UJ	400 UJ	410 UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	620	38 J #	350 UJ	380 UJ	400 UJ	410 UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	400 U	350 UJ	380 UJ	400 UJ	410 UJ
50-32-8	Benzo(a)pyrene	ug/kg	200	400 U	350 UJ	380 UJ	400 UJ	410 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	400 U	350 UJ	380 UJ	400 UJ	410 UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	400 U	350 UJ	380 UJ	400 UJ	410 UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	400 U	350 UJ	380 UJ	400 UJ	410 UJ

304153

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02			SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03		SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03		SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03		SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03	
P/PCBs-s	**Pesticides/PCB Organics**													
319-84-6	alpha-BHC	ug/kg	90	4.1	NJ	#	1.8	UJ	1.9	UJ	2.1	UJ	2.1	UJ
319-85-7	beta-BHC	ug/kg	200	2	U		1.8	U	1.9	U	2.1	U	2.1	U
319-86-8	delta-BHC	ug/kg	300	2	U		1.8	U	1.9	U	2.1	U	2.1	U
58-89-9	gamma-BHC (Lindane)	ug/kg	60	2	U		1.8	UJ	1.9	UJ	2.1	UJ	2.1	UJ
76-44-8	Heptachlor	ug/kg	100	2	U		1.8	U	1.9	U	2.1	U	2.1	U
309-00-2	Aldrin	ug/kg	30	2	U		1.8	U	1.9	U	2.1	U	2.1	U
1024-57-3	Heptachlor Epoxide	ug/kg	20	2	U		1.8	U	1.9	U	2.1	U	2.1	U
959-98-8	Endosulfan I	ug/kg	900	2	U		1.8	U	1.9	U	2.1	U	2.1	U
60-57-1	Dieldrin	ug/kg	30	4	U		3.5	U	3.8	U	4	U	4.1	U
72-55-9	4,4'-DDE	ug/kg	1700	4	U		3.5	U	3.8	U	4	U	4.1	U
72-20-8	Endrin	ug/kg	100	4	U		3.5	U	3.8	U	4	U	4.1	U
33213-65-9	Endosulfan II	ug/kg	900	4	U		3.5	U	3.8	U	4	U	4.1	U
72-54-8	4,4'-DDD	ug/kg	2400	4	U		3.5	U	3.8	U	4	U	4.1	U
1031-07-8	Endosulfan Sulfate	ug/kg	1000	4	U		3.5	U	3.8	U	4	U	4.1	U
50-29-3	4,4'-DDT	ug/kg	1700	4	U		3.5	U	3.8	U	4	U	4.1	U
72-43-5	Methoxychlor	ug/kg	31000	20	U		18	U	19	U	21	U	21	U
53494-70-5	Endrin Ketone	ug/kg	N/A	4	U		3.5	U	3.8	U	4	U	4.1	U
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4	U		3.5	U	3.8	U	4	U	4.1	U
5103-71-9	alpha-Chlordane	ug/kg	540	2	U		1.8	UJ	1.9	UJ	2.1	UJ	2.1	UJ
5103-74-2	gamma-Chlordane	ug/kg	540	2	U		1.8	U	1.9	U	2.1	U	2.1	U
8001-35-2	Toxaphene	ug/kg	440	200	U		180	U	190	U	210	U	210	U
12674-11-2	Aroclor-1016	ug/kg	390	40	U		35	U	38	U	40	U	41	U
11104-28-2	Aroclor-1221	ug/kg	220	81	U		71	U	76	U	82	U	83	U
11141-16-5	Aroclor-1232	ug/kg	220	40	U		35	U	38	U	40	U	41	U
53469-21-9	Aroclor-1242	ug/kg	220	40	U		35	U	38	U	40	U	41	U
12672-29-6	Aroclor-1248	ug/kg	220	540	J	A	35	U	38	U	40	U	41	U
11097-69-1	Aroclor-1254	ug/kg	110	40	U		35	U	38	U	40	U	41	U
11096-82-5	Aroclor-1260	ug/kg	220	40	U		35	U	38	U	40	U	41	U

304154

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02			SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03			SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03			SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03			SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			6370		#	3750		#	4740		#	6750		#	3820		#
7440-36-0	Antimony	mg/kg	3.1			0.83	UJ		0.78	U		0.81	U		0.93	U		0.95	U	
7440-38-2	Arsenic	mg/kg	2.4			2.4		#	1.4	B	#	2.5		A	3.6		A	2.7		A
7440-39-3	Barium	mg/kg	300			26	B	#	9.5	B	#	11.4	B	#	28.2	B	#	15.1	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.3	B	#	0.31	B	A	0.37	B	A	0.51	B	A	0.39	B	A
7440-43-9	Cadmium	mg/kg	1			0.09	U		0.08	U		0.09	U		0.1	U		0.1	U	
7440-70-2	Calcium	mg/kg	N/A			514	B	~	488	B	~	293	B	~	922	B	~	1160	B	~
7440-47-3	Chromium	mg/kg	6.2			7.1		A	3.8	J	#	5.6	J	#	9.2	J	A	5.5	J	#
7440-48-4	Cobalt	mg/kg	30			4.9	B	#	2.8	B	#	4	B	#	5.9	B	#	5	B	#
7440-50-8	Copper	mg/kg	25			11.7		#	6.5	J	#	9.1	J	#	15.5	J	#	12.3	J	#
7439-89-6	Iron	mg/kg	10669			13500		A	7270		#	10900		A	15300		A	10700		A
7439-92-1	Lead	mg/kg	N/A			10.7		~	3.3		~	3.5		~	5		~	3.7		~
7439-95-4	Magnesium	mg/kg	N/A			1520		~	950	B	~	1240		~	2080		~	1370		~
7439-96-5	Manganese	mg/kg	340			159	J	#	187		#	201		#	488		A	828		A
7439-97-6	Mercury	mg/kg	0.1			798	J	A	4.2		A	0.051	U		0.4		A	1.1		A
7440-02-0	Nickel	mg/kg	13			9.4		#	6.9	B	#	7.5	B	#	12		#	8.3	B	#
7440-09-7	Potassium	mg/kg	N/A			384	B	~	273	B	~	378	B	~	671	B	~	536	B	~
7782-49-2	Selenium	mg/kg	2			1.1	U		1	U		1	U		1.2	U		1.2	U	
7440-22-4	Silver	mg/kg	39			0.22	U		0.21	B	#	0.22	U		0.25	U		0.26	U	
7440-23-5	Sodium	mg/kg	N/A			343	BJ	~	254	BJ	~	205	BJ	~	289	BJ	~	298	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.2	UJ		1.1	UJ		1.1	UJ		1.3	UJ		1.3	UJ	
7440-62-2	Vanadium	mg/kg	54.7			11.7		#	7.4	B	#	9.8	B	#	13.1	J	#	8.2	B	#
7440-66-6	Zinc	mg/kg	24.2			24.5	J	A	48.8	J	A	25.2	J	A	32.4	J	A	27.1	J	A

304155

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-02-G 11/27/2001 16 to 18 ft.BGS SBD-02			SBD-03-A 12/4/2001 2 to 4 ft.BGS SBD-03			SBD-03-B 12/4/2001 8 to 10 ft.BGS SBD-03			SBD-03-C 12/4/2001 10 to 12 ft.BGS SBD-03			SBD-03-D 12/4/2001 12 to 14 ft.BGS SBD-03		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			980		~	450		~	660		~	2700		~	1200		~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			2310		~	2110		~	10400		~	3380		~	1100		~
12408-02-5	pH	S.U.	N/A			6.3		~	7.04		~	5.47		~	5.78		~	5.7		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			19.6		~	5.91		~	18.2		~	35		~	29.3		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			34.5		~	6.4		~	19.6		~	28.9		~	26.1		~
No.40(0.425)	No. 40 (0.425)	%	N/A			18.7		~	22		~	16.6		~	22.5		~	17.9		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304156

COMPARISON FLAGS:
A -- De[redacted] sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03			SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04			SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04			SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04			SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04		
VOA-s	**Volatile Organics**																	
75-71-8	Dichlorodifluoromethane	ug/kg	9400	11	U		49	UJ		11	UJ		12	UJ		53	UJ	
74-87-3	Chloromethane	ug/kg	1200	11	U		49	U		11	U		12	U		53	U	
75-01-4	Vinyl Chloride	ug/kg	120	11	U		49	U		11	U		12	U		53	U	
74-83-9	Bromomethane	ug/kg	390	11	U		49	U		11	U		12	U		53	U	
75-00-3	Chloroethane	ug/kg	1900	11	U		49	U		11	U		12	U		53	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000	11	U		49	U		11	U		12	U		53	U	
75-35-4	1,1-Dichloroethene	ug/kg	50	11	U		49	U		11	U		12	U		53	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000	11	U		49	U		11	U		12	U		53	U	
67-64-1	Acetone	ug/kg	110	11	UJ		49	UJ		11	UJ		12	UJ		53	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700	11	U		49	U		11	U		12	U		53	U	
79-20-9	Methyl Acetate	ug/kg	10000	11	U		49	UJ		11	UJ		12	UJ		53	UJ	
75-09-2	Methylene Chloride	ug/kg	100	11	U		49	U		11	U		12	U		53	U	
156-60-5	trans-1,2-Dichloroethene	ug/kg	300	11	U		49	U		11	U		12	U		53	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000	11	U		49	U		11	U		12	U		53	U	
75-34-3	1,1-Dichloroethane	ug/kg	200	11	U		49	U		11	U		12	U		53	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300	11	U		49	U		11	U		12	U		53	U	
78-93-3	2-Butanone	ug/kg	300	11	U		49	U		11	U		12	U		53	U	
67-66-3	Chloroform	ug/kg	40	8	J	#	49	U		11	U		12	U		53	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760	11	U		49	U		11	U		12	U		53	U	
110-82-7	Cyclohexane	ug/kg	10000	11	U		49	U		11	U		12	U		53	U	
56-23-5	Carbon Tetrachloride	ug/kg	200	11	U		49	U		11	U		12	U		53	U	
71-43-2	Benzene	ug/kg	60	11	U		49	U		11	U		12	U		53	U	
107-06-2	1,2-Dichloroethane	ug/kg	100	11	U		49	U		11	U		12	U		53	U	
79-01-6	Trichloroethene	ug/kg	700	11	U		49	U		11	U		12	U		53	U	
108-87-2	Methylcyclohexane	ug/kg	10000	11	U		49	U		11	U		12	U		53	U	
78-87-5	1,2-Dichloropropane	ug/kg	350	11	U		49	U		11	U		12	U		53	U	
75-27-4	Bromodichloromethane	ug/kg	1000	1	J	#	49	U		11	U		12	U		53	U	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000	11	U		49	U		11	U		12	U		53	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000	11	U		49	U		11	U		12	U		53	U	

304157

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03			SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04			SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04			SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04			SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04		
108-88-3	Toluene	ug/kg	1500			11	U		49	U		11	U		12	U		53	U	
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000			11	U		49	U		11	U		12	U		53	U	
79-00-5	1,1,2-Trichloroethane	ug/kg	800			11	U		49	U		11	U		12	U		53	U	
127-18-4	Tetrachloroethene	ug/kg	1400			11	U		28	J	#	20		#	2	J	#	53	U	
591-78-6	2-Hexanone	ug/kg	10000			11	U		49	U		11	U		12	U		53	U	
124-48-1	Dibromochloromethane	ug/kg	1100			11	U		49	U		11	U		12	U		53	U	
106-93-4	1,2-Dibromoethane	ug/kg	10			11	U		49	U		11	U		12	U		53	U	
108-90-7	Chlorobenzene	ug/kg	1700			11	U		49	U		11	U		12	U		53	U	
100-41-4	Ethylbenzene	ug/kg	5500			11	U		49	U		11	U		12	U		53	U	
1330-20-7	Xylenes (total)	ug/kg	1200			11	U		49	U		11	U		12	U		53	U	
100-42-5	Styrene	ug/kg	10000			11	U		49	U		11	U		12	U		53	U	
75-25-2	Bromoform	ug/kg	10000			11	U		49	U		11	U		12	U		53	U	
98-82-8	Isopropylbenzene	ug/kg	10000			11	U		49	U		11	U		12	U		53	U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400			11	U		49	U		11	U		12	U		53	U	
541-73-1	1,3-Dichlorobenzene	ug/kg	1300			11	U		49	U		11	U		12	U		53	U	
106-46-7	1,4-Dichlorobenzene	ug/kg	3400			11	U		49	U		11	U		12	U		53	U	
95-50-1	1,2-Dichlorobenzene	ug/kg	7900			11	U		49	U		11	U		12	U		53	U	
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150			11	U		49	U		11	U		12	U		53	U	
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400			11	U		49	U		11	U		12	U		53	U	

304158

COMPARISON FLAGS:
A -- De[redacted] sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03	SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04	SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04	SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04	SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	611000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
108-95-2	Phenol	ug/kg	30	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
95-57-8	2-Chlorophenol	ug/kg	800	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
95-48-7	2-Methylphenol	ug/kg	100	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
98-86-2	Acetophenone	ug/kg	50	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
106-44-5	4-Methylphenol	ug/kg	900	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
67-72-1	Hexachloroethene	ug/kg	6100	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
98-95-3	Nitrobenzene	ug/kg	200	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
78-59-1	Isophorone	ug/kg	4400	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
88-75-5	2-Nitrophenol	ug/kg	330	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
105-67-9	2,4-Dimethylphenol	ug/kg	122000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
120-83-2	2,4-Dichlorophenol	ug/kg	400	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
91-20-3	Naphthalene	ug/kg	5600	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
106-47-8	p-Chloroaniline	ug/kg	220	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
105-60-2	Caprolactam	ug/kg	3055000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
91-57-6	2-Methylnaphthalene	ug/kg	36400	390 UJ	57 J #	350 UJ	350 UJ	350 UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	990 UJ	900 UJ	880 UJ	880 UJ	870 UJ
92-52-4	1,1'-Biphenyl	ug/kg	301000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
91-58-7	2-Chloronaphthalene	ug/kg	385000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
88-74-4	2-Nitroaniline	ug/kg	350	990 UJ	900 UJ	880 UJ	880 UJ	870 UJ
131-11-3	Dimethyl phthalate	ug/kg	2000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ
208-96-8	Acenaphthylene	ug/kg	41000	390 UJ	37 J #	350 UJ	350 UJ	350 UJ
99-09-2	3-Nitrooaniline	ug/kg	500	990 UJ	900 UJ	880 UJ	880 UJ	870 UJ
83-32-9	Acenaphthene	ug/kg	50000	390 UJ	360 UJ	350 UJ	350 UJ	350 UJ

304159

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
- -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03			SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04			SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04			SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04			SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	990	UJ		900	UJ		880	UJ		880	UJ		870	UJ	
100-02-7	4-Nitrophenol	ug/kg	100	990	UJ		900	UJ		880	UJ		880	UJ		870	UJ	
132-64-9	Dibenzofuran	ug/kg	6200	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
84-66-2	Diethyl phthalate	ug/kg	7100	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
86-73-7	Fluorene	ug/kg	50000	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
100-01-6	P-Nitroaniline	ug/kg	N/A	990	UJ		900	UJ		880	UJ		880	UJ		870	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	990	UJ		900	UJ		880	UJ		880	UJ		870	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
118-74-1	Hexachlorobenzene	ug/kg	300	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
1912-24-9	Atrazine	ug/kg	2200	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
87-86-5	Pentachlorophenol	ug/kg	1000	990	UJ		900	UJ		880	UJ		880	UJ		870	UJ	
85-01-8	Phenanthrene	ug/kg	50000	390	UJ		150	J	#	350	UJ		350	UJ		350	UJ	
120-12-7	Anthracene	ug/kg	50000	390	UJ		51	J	#	350	UJ		350	UJ		350	UJ	
86-74-8	Carbazole	ug/kg	24300	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
84-74-2	Di-n-butylphthalate	ug/kg	8100	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
206-44-0	Fluoranthene	ug/kg	50000	390	UJ		550	J	#	350	UJ		350	UJ		350	UJ	
129-00-0	Pyrene	ug/kg	50000	390	UJ		510	J	#	350	UJ		350	UJ		350	UJ	
85-68-7	Benzyl butyl phthalate	ug/kg	50000	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
56-55-3	Benzo(a)anthracene	ug/kg	224	390	UJ		310	J	A	350	UJ		350	UJ		350	UJ	
218-01-9	Chrysene	ug/kg	400	390	UJ		300	J	#	350	UJ		350	UJ		350	UJ	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
117-84-0	Di-n-octylphthalate	ug/kg	50000	390	UJ		360	UJ		350	UJ		350	UJ		350	UJ	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	390	UJ		380	J	#	350	UJ		350	UJ		350	UJ	
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	390	UJ		130	J	#	350	UJ		350	UJ		350	UJ	
50-32-8	Benzo(a)pyrene	ug/kg	200	390	UJ		270	J	A	350	UJ		350	UJ		350	UJ	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	390	UJ		140	J	#	350	UJ		350	UJ		350	UJ	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	390	UJ		55	J	#	350	UJ		350	UJ		350	UJ	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	390	UJ		150	J	#	350	UJ		350	UJ		350	UJ	

304160

COMPARISON FLAGS:
A -- De[redacted] sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil		SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03		SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04			SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04		SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04		SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04	
P/PCBs-s	**Pesticides/PCB Organics**														
319-84-6	alpha-BHC	ug/kg	90		2	UJ	1.8	UJ		1.8	UJ	1.8	UJ	1.8	UJ
319-85-7	beta-BHC	ug/kg	200		2	U	1.8	U		1.8	U	1.8	U	1.8	U
319-86-8	delta-BHC	ug/kg	300		2	U	1.8	U		1.8	U	1.8	U	1.8	U
58-89-9	gamma-BHC (Lindane)	ug/kg	60		2	UJ	1.8	UJ		1.8	UJ	1.8	UJ	1.8	UJ
76-44-8	Heptachlor	ug/kg	100		2	U	1.8	U		1.8	U	1.8	U	1.8	U
309-00-2	Aldrin	ug/kg	30		2	U	1.8	U		1.8	U	1.8	U	1.8	U
1024-57-3	Heptachlor Epoxide	ug/kg	20		2	U	1.8	U		1.8	U	1.8	U	1.8	U
959-98-8	Endosulfan I	ug/kg	900		2	U	1.8	U		1.8	U	1.8	U	1.8	U
60-57-1	Dieldrin	ug/kg	30		3.9	U	3.6	U		3.5	U	3.5	U	3.5	U
72-55-9	4,4'-DDE	ug/kg	1700		3.9	U	3.6	U		3.5	U	3.5	U	3.5	U
72-20-8	Endrin	ug/kg	100		3.9	U	3.6	U		3.5	U	3.5	U	3.5	U
33213-65-9	Endosulfan II	ug/kg	900		3.9	U	3.6	U		3.5	U	3.5	U	3.5	U
72-54-8	4,4'-DDD	ug/kg	2400		3.9	U	3.6	U		3.5	U	3.5	U	3.5	U
1031-07-8	Endosulfan Sulfate	ug/kg	1000		3.9	U	3.6	U		3.5	U	3.5	U	3.5	U
50-29-3	4,4'-DDT	ug/kg	1700		3.9	U	3.6	U		3.5	U	3.5	U	3.5	U
72-43-5	Methoxychlor	ug/kg	31000		20	U	19		#	18	U	18	U	18	U
53494-70-5	Endrin Ketone	ug/kg	N/A		3.9	U	3.3	J	~	3.5	U	3.5	U	3.5	U
7421-93-4	Endrin Aldehyde	ug/kg	N/A		3.9	U	3.6	U		3.5	U	3.5	U	3.5	U
5103-71-9	alpha-Chlordane	ug/kg	540		2	UJ	1.8	UJ		1.8	UJ	1.8	UJ	1.8	UJ
5103-74-2	gamma-Chlordane	ug/kg	540		2	U	1.8	U		1.8	U	1.8	U	1.8	U
8001-35-2	Toxaphene	ug/kg	440		200	U	180	U		180	U	180	U	180	U
12674-11-2	Aroclor-1016	ug/kg	390		39	U	36	U		35	U	35	U	35	U
11104-28-2	Aroclor-1221	ug/kg	220		80	U	73	U		71	U	71	U	71	U
11141-16-5	Aroclor-1232	ug/kg	220		39	U	36	U		35	U	35	U	35	U
53469-21-9	Aroclor-1242	ug/kg	220		39	U	36	U		35	U	35	U	35	U
12672-29-6	Aroclor-1248	ug/kg	220		39	U	36	U		35	U	35	U	35	U
11097-69-1	Aroclor-1254	ug/kg	110		39	U	36	U		35	U	35	U	35	U
11096-82-5	Aroclor-1260	ug/kg	220		39	U	36	U		35	U	35	U	35	U

304161

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03			SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04			SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04			SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04			SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			2360		#	3780		#	3750		#	3530		#	3670		#
7440-36-0	Antimony	mg/kg	3.1			0.87	U		0.81	UJ		0.79	UJ		0.72	UJ		0.76	UJ	
7440-38-2	Arsenic	mg/kg	2.4			1.9	B	#	2.4		#	1.6	B	#	1	B	#	1.5	B	#
7440-39-3	Barium	mg/kg	300			15.6	B	#	20.4	B	#	14.2	B	#	13.4	B	#	12.7	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.26	B	#	0.34	B	A	0.31	B	A	0.26	B	#	0.31	B	A
7440-43-9	Cadmium	mg/kg	1			0.09	U		0.09	U		0.09	U		0.08	U		0.08	U	
7440-70-2	Calcium	mg/kg	N/A			17100	J	~	941	B	~	541	B	~	364	B	~	485	B	~
7440-47-3	Chromium	mg/kg	6.2			4.1	J	#	5.3		#	4.3		#	3.5		#	5.7		#
7440-48-4	Cobalt	mg/kg	30			2.5	B	#	2.7	B	#	2.9	B	#	2.4	B	#	2.5	B	#
7440-50-8	Copper	mg/kg	25			6.7	J	#	13.2	J	#	10.3	J	#	5.5	J	#	7.7	J	#
7439-89-6	Iron	mg/kg	10669			6510		#	8800		#	7730		#	6320		#	7370		#
7439-92-1	Lead	mg/kg	N/A			2.5		~	16.5	J	~	4.9	J	~	3.3		~	6.1	J	~
7439-95-4	Magnesium	mg/kg	N/A			4430		~	951	B	~	1010	B	~	909	B	~	995	B	~
7439-96-5	Manganese	mg/kg	340			202		#	161		#	208		#	235		#	204		#
7439-97-6	Mercury	mg/kg	0.1			0.058	B	#	36.6	J	A	0.24	J	A	0.15	J	A	0.54	J	A
7440-02-0	Nickel	mg/kg	13			6.2	B	#	6.4	B	#	6.1	B	#	5.9	B	#	6.2	B	#
7440-09-7	Potassium	mg/kg	N/A			426	B	~	315	B	~	346	B	~	299	B	~	325	B	~
7782-49-2	Selenium	mg/kg	2			1.1	U		1	U		1	U		0.94	U		0.98	U	
7440-22-4	Silver	mg/kg	39			0.23	U		0.22	U		0.21	U		0.2	U		0.2	U	
7440-23-5	Sodium	mg/kg	N/A			279	BJ	~	280	BJ	~	270	BJ	~	277	BJ	~	298	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.2	UJ		1.1	UJ		1.1	UJ		1	UJ		1.1	UJ	
7440-62-2	Vanadium	mg/kg	54.7			5.4	B	#	8.6	B	#	7	B	#	6	B	#	6.6	B	#
7440-66-6	Zinc	mg/kg	24.2			16.8	J	#	25	J	A	19.1	J	#	15	J	#	18.2	J	#

304162

COMPARISON FLAGS:
A -- Det[redacted] sample value is greater that the screening criterion.
-- Det[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-03-E 12/4/2001 40 to 42 ft.BGS SBD-03			SBD-04-A 12/5/2001 0 to 2 ft.BGS SBD-04			SBD-04-B 12/5/2001 2 to 4 ft.BGS SBD-04			SBD-04-C 12/5/2001 4 to 6 ft.BGS SBD-04			SBD-04-D 12/5/2001 6 to 8 ft.BGS SBD-04		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			250		~	770		~	510		~	360		~	400		~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			1510		~	19000		~	4330		~	1390		~	1620		~
12408-02-5	pH	S.U.	N/A			8.34		~	7.64		~	7.3		~	7.07		~	7.56		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			21.7		~	6.12		~	4.53		~	3.37		~	2.94		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			13.8		~	9.45		~	4.07		~	2.98		~	2.86		~
No.40(0.425)	No. 40 (0.425)	%	N/A			7.31		~	32.3		~	26		~	17.7		~	20.7		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304163

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04			SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04			SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04			SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D			SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D		
VOA-s	**Volatile Organics**																	
75-71-8	Dichlorodifluoromethane	ug/kg	9400	11	UJ		57	UJ		60	UJ		10	U		10	U	
74-87-3	Chloromethane	ug/kg	1200	11	U		57	U		60	U		10	U		10	U	
75-01-4	Vinyl Chloride	ug/kg	120	11	U		57	U		60	U		10	U		10	U	
74-83-9	Bromomethane	ug/kg	390	11	U		57	U		60	U		10	U		10	U	
75-00-3	Chloroethane	ug/kg	1900	11	U		57	U		60	U		10	U		10	U	
75-69-4	Trichlorofluoromethane	ug/kg	10000	11	U		57	U		60	U		10	U		10	U	
75-35-4	1,1-Dichloroethene	ug/kg	50	11	U		57	U		60	U		10	U		10	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000	11	U		57	U		60	U		10	U		10	U	
67-64-1	Acetone	ug/kg	110	11	UJ		57	UJ		130	UJ		82	UJ		100	UJ	
75-15-0	Carbon Disulfide	ug/kg	2700	11	U		57	U		60	U		1	J	#	10	U	
79-20-9	Methyl Acetate	ug/kg	10000	11	UJ		57	UJ		60	UJ		10	U		10	U	
75-09-2	Methylene Chloride	ug/kg	100	11	U		57	U		60	U		1	J	#	2	J	#
156-60-5	trans-1,2-Dichloroethene	ug/kg	300	11	U		57	U		60	U		10	U		10	U	
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000	11	U		57	U		60	U		10	U		10	U	
75-34-3	1,1-Dichloroethane	ug/kg	200	11	U		57	U		60	U		10	U		10	U	
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300	11	U		57	U		60	U		10	U		10	U	
78-93-3	2-Butanone	ug/kg	300	11	U		57	U		60	U		7	J	#	12		#
67-66-3	Chloroform	ug/kg	40	11	U		57	U		60	U		10	U		10	U	
71-55-6	1,1,1-Trichloroethane	ug/kg	760	11	U		57	U		60	U		2	J	#	10	U	
110-82-7	Cyclohexane	ug/kg	10000	11	U		57	U		60	U		10	U		10	U	
56-23-5	Carbon Tetrachloride	ug/kg	200	11	U		57	U		60	U		10	U		10	U	
71-43-2	Benzene	ug/kg	60	11	U		57	U		60	U		10	U		10	U	
107-06-2	1,2-Dichloroethane	ug/kg	100	11	U		57	U		60	U		10	U		10	U	
79-01-6	Trichloroethene	ug/kg	700	11	U		57	U		60	U		10	U		10	U	
108-87-2	Methylcyclohexane	ug/kg	10000	11	U		57	U		60	U		10	U		10	U	
78-87-5	1,2-Dichloropropane	ug/kg	350	11	U		57	U		60	U		10	U		10	U	
75-27-4	Bromodichloromethane	ug/kg	1000	11	U		57	U		60	U		10	U		10	U	
10061-01	cis-1,3-Dichloropropene	ug/kg	10000	11	U		57	U		60	U		10	U		10	U	
108-10-1	4-Methyl-2-pentanone	ug/kg	1000	11	U		57	U		60	U		10	U		10	U	

304164

COMPARISON FLAGS:
A -- Det[illegible] sample value is greater that the screening criterion.
-- Det[illegible] sample value does not exceed the screening criterion.
~ -- Det[illegible] sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04			SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04			SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04			SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D			SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D		
108-88-3	Toluene	ug/kg	1500			11	U		57	U		60	U		10	U		10	U	
10061-02	trans-1,3-Dichloropropene	ug/kg	10000			11	U		57	U		60	U		10	U		10	U	
79-00-5	1,1,2-Trichloroethane	ug/kg	800			11	U		57	U		60	U		10	U		10	U	
127-18-4	Tetrachloroethene	ug/kg	1400			11	U		6	J	#	60	U		10	U		10	U	
591-78-6	2-Hexanone	ug/kg	10000			11	U		57	U		60	U		10	U		10	U	
124-48-1	Dibromochloromethane	ug/kg	1100			11	U		57	U		60	U		10	U		10	U	
106-93-4	1,2-Dibromoethane	ug/kg	10			11	U		57	U		60	U		10	U		10	U	
108-90-7	Chlorobenzene	ug/kg	1700			11	U		57	U		60	U		10	U		10	U	
100-41-4	Ethylbenzene	ug/kg	5500			11	U		57	U		60	U		10	U		10	U	
1330-20-7	Xylenes (total)	ug/kg	1200			11	U		57	U		60	U		10	U		10	U	
100-42-5	Styrene	ug/kg	10000			11	U		57	U		60	U		10	U		10	U	
75-25-2	Bromoform	ug/kg	10000			11	U		57	U		60	U		10	U		10	U	
98-82-8	Isopropylbenzene	ug/kg	10000			11	U		57	U		60	U		10	U		10	U	
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400			11	U		57	U		60	U		10	U		10	U	
541-73-1	1,3-Dichlorobenzene	ug/kg	1300			11	U		57	U		60	U		10	U		10	U	
106-46-7	1,4-Dichlorobenzene	ug/kg	3400			11	U		57	U		60	U		10	U		10	U	
95-50-1	1,2-Dichlorobenzene	ug/kg	7900			11	U		57	U		60	U		10	U		10	U	
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150			11	U		57	U		60	U		10	U		10	U	
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400			11	U		57	U		60	U		10	U		10	U	

304165

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04			SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04			SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04			SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D			SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D		
SV-1-s	**SemiVolatile Organics - Page 1**																	
100-52-7	Benzaldehyde	ug/kg	611000	350	UJ		380	UJ		400	UJ		15	J	#	9	J	#
108-95-2	Phenol	ug/kg	30	350	UJ		380	UJ		400	UJ		400	U		380	U	
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	350	UJ		380	UJ		400	UJ		400	U		380	U	
95-57-8	2-Chlorophenol	ug/kg	800	350	UJ		380	UJ		400	UJ		400	U		380	U	
95-48-7	2-Methylphenol	ug/kg	100	350	UJ		380	UJ		400	UJ		400	U		380	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	350	UJ		380	UJ		400	UJ		400	U		380	U	
98-86-2	Acetophenone	ug/kg	50	350	UJ		380	UJ		400	UJ		16	J	#	12	J	#
106-44-5	4-Methylphenol	ug/kg	900	350	UJ		380	UJ		44	J	#	400	U		380	U	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	350	UJ		380	UJ		400	UJ		400	U		380	U	
67-72-1	Hexachloroethene	ug/kg	6100	350	UJ		380	UJ		400	UJ		400	U		380	U	
98-95-3	Nitrobenzene	ug/kg	200	350	UJ		380	UJ		400	UJ		400	U		380	U	
78-59-1	Isophorone	ug/kg	4400	350	UJ		380	UJ		400	UJ		400	U		380	U	
88-75-5	2-Nitrophenol	ug/kg	330	350	UJ		380	UJ		400	UJ		400	U		380	U	
105-67-9	2,4-Dimethylphenol	ug/kg	122000	350	UJ		380	UJ		400	UJ		400	U		380	U	
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	350	UJ		380	UJ		400	UJ		400	U		380	U	
120-83-2	2,4-Dichlorophenol	ug/kg	400	350	UJ		380	UJ		400	UJ		400	U		380	U	
91-20-3	Naphthalene	ug/kg	5600	350	UJ		380	UJ		400	UJ		400	U		380	U	
106-47-8	p-Chloroaniline	ug/kg	220	350	UJ		380	UJ		400	UJ		400	U		380	U	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	350	UJ		380	UJ		400	UJ		400	U		380	U	
105-60-2	Caprolactam	ug/kg	3055000	350	UJ		380	UJ		400	UJ		400	U		23	J	#
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	350	UJ		380	UJ		400	UJ		400	U		380	U	
91-57-6	2-Methylnaphthalene	ug/kg	36400	350	UJ		380	UJ		400	UJ		15	J	#	380	U	
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	350	UJ		380	UJ		400	UJ		400	UJ		380	UJ	
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	350	UJ		380	UJ		400	UJ		400	U		380	U	
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	870	UJ		950	UJ		1000	UJ		1000	U		970	U	
92-52-4	1,1'-Biphenyl	ug/kg	301000	350	UJ		380	UJ		400	UJ		400	U		380	U	
91-58-7	2-Chloronaphthalene	ug/kg	385000	350	UJ		380	UJ		400	UJ		400	U		93	J	#
88-74-4	2-Nitroaniline	ug/kg	350	870	UJ		950	UJ		1000	UJ		1000	U		970	U	
131-11-3	Dimethyl phthalate	ug/kg	2000	350	UJ		380	UJ		400	UJ		400	U		380	U	
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	350	UJ		380	UJ		400	UJ		400	U		380	U	
208-96-8	Acenaphthylene	ug/kg	41000	350	UJ		380	UJ		400	UJ		400	U		380	U	
99-09-2	3-Nitrooaniline	ug/kg	500	870	UJ		950	UJ		1000	UJ		1000	U		970	U	
83-32-9	Acenaphthene	ug/kg	50000	350	UJ		380	UJ		400	UJ		400	U		380	U	

304166

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04			SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04			SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04			SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D				SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D			
SV-2-s	**SemiVolatile Organics - Page 2**																					
51-28-5	2,4-Dinitrophenol	ug/kg	200			870	UJ		950	UJ		1000	UJ		1000	UJ			970	UJ		
100-02-7	4-Nitrophenol	ug/kg	100			870	UJ		950	UJ		1000	UJ		1000	U			970	U		
132-64-9	Dibenzofuran	ug/kg	6200			350	UJ		380	UJ		400	UJ		22	J	#		380	U		
121-14-2	2,4-Dinitrotoluene	ug/kg	12000			350	UJ		380	UJ		400	UJ		400	U			380	U		
84-66-2	Diethyl phthalate	ug/kg	7100			350	UJ		380	UJ		400	UJ		400	U			380	U		
86-73-7	Fluorene	ug/kg	50000			350	UJ		380	UJ		400	UJ		400	U			380	U		
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A			350	UJ		380	UJ		400	UJ		400	U			380	U		
100-01-6	P-Nitroaniline	ug/kg	N/A			870	UJ		950	UJ		1000	UJ		1000	U			970	U		
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A			870	UJ		950	UJ		1000	UJ		1000	UJ			970	UJ		
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000			350	UJ		380	UJ		400	UJ		400	U			380	U		
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A			350	UJ		380	UJ		400	UJ		400	U			380	U		
118-74-1	Hexachlorobenzene	ug/kg	300			350	UJ		380	UJ		400	UJ		400	U			380	U		
1912-24-9	Atrazine	ug/kg	2200			350	UJ		380	UJ		400	UJ		400	R			380	R		
87-86-5	Pentachlorophenol	ug/kg	1000			870	UJ		950	UJ		1000	UJ		1000	U			970	U		
85-01-8	Phenanthrene	ug/kg	50000			350	UJ		380	UJ		400	UJ		540		#		380	U		
120-12-7	Anthracene	ug/kg	50000			350	UJ		380	UJ		400	UJ		120	J	#		380	U		
86-74-8	Carbazole	ug/kg	24300			350	UJ		380	UJ		400	UJ		54	J	#		380	U		
84-74-2	Di-n-butylphthalate	ug/kg	8100			350	UJ		380	UJ		400	UJ		400	U			380	U		
206-44-0	Fluoranthene	ug/kg	50000			350	UJ		380	UJ		400	UJ		880		#		11	J	#	
129-00-0	Pyrene	ug/kg	50000			350	UJ		380	UJ		400	UJ		640		#		380	U		
85-68-7	Benzyl butyl phthalate	ug/kg	50000			350	UJ		380	UJ		400	UJ		400	U			380	U		
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100			350	UJ		380	UJ		400	UJ		400	U			380	U		
56-55-3	Benzo(a)anthracene	ug/kg	224			350	UJ		380	UJ		400	UJ		360	J	A		380	U		
218-01-9	Chrysene	ug/kg	400			350	UJ		380	UJ		400	UJ		390	J	#		380	U		
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000			350	UJ		380	UJ		400	UJ		400	U			380	U		
117-84-0	Di-n-octylphthalate	ug/kg	50000			350	UJ		380	UJ		400	UJ		400	U			17	J	#	
205-99-2	Benzo(b)fluoranthene	ug/kg	620			350	UJ		380	UJ		400	UJ		270	J	#		380	U		
207-08-9	Benzo(k)fluoranthene	ug/kg	1100			350	UJ		380	UJ		400	UJ		210	J	#		380	U		
50-32-8	Benzo(a)pyrene	ug/kg	200			350	UJ		380	UJ		400	UJ		200	J	#		10	J	#	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620			350	UJ		380	UJ		400	UJ		99	J	#		380	U		
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180			350	UJ		380	UJ		400	UJ		33	J	#		380	U		
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000			350	UJ		380	UJ		400	UJ		77	J	#		380	U		

304167

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04			SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04			SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04			SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D			SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D		
P/PCBs-s	**Pesticides/PCB Organics**																			
319-84-6	alpha-BHC	ug/kg	90			1.8	UJ		2	UJ		2	UJ		2.1	U		2	U	
319-85-7	beta-BHC	ug/kg	200			1.8	U		2	U		2	U		6.5	R		2	U	
319-86-8	delta-BHC	ug/kg	300			1.8	U		2	U		2	U		2.1	U		2	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	60			1.8	UJ		2	UJ		2	UJ		2.1	U		2	U	
76-44-8	Heptachlor	ug/kg	100			1.8	U		2	U		2	U		2.1	U		2	U	
309-00-2	Aldrin	ug/kg	30			1.8	U		2	U		2	U		2.1	U		2	U	
1024-57-3	Heptachlor Epoxide	ug/kg	20			1.8	U		2	U		2	U		2.1	U		2	U	
959-98-8	Endosulfan I	ug/kg	900			1.8	U		2	U		2	U		2.1	U		2	U	
60-57-1	Dieldrin	ug/kg	30			3.5	U		3.8	U		4	U		4	U		3.8	U	
72-55-9	4,4'-DDE	ug/kg	1700			3.5	U		3.8	U		4	U		4	U		3.8	U	
72-20-8	Endrin	ug/kg	100			3.5	U		3.8	U		4	U		4	U		3.8	U	
33213-65-	Endosulfan II	ug/kg	900			3.5	U		3.8	U		4	U		4	U		3.8	U	
72-54-8	4,4'-DDD	ug/kg	2400			3.5	U		3.8	U		4	U		4	U		3.8	U	
1031-07-8	Endosulfan Sulfate	ug/kg	1000			3.5	U		3.8	U		4	U		4	U		3.8	U	
50-29-3	4,4'-DDT	ug/kg	1700			3.5	U		3.8	U		4	U		4	U		3.8	U	
72-43-5	Methoxychlor	ug/kg	31000			18	U		20	U		20	U		21	U		20	U	
53494-70-	Endrin Ketone	ug/kg	N/A			3.5	U		3.8	U		4	U		4	U		3.8	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A			3.5	U		3.8	U		4	U		4	U		3.8	U	
5103-71-9	alpha-Chlordane	ug/kg	540			1.8	UJ		2	UJ		2	UJ		2.1	U		2	U	
5103-74-2	gamma-Chlordane	ug/kg	540			1.8	U		2	U		2	U		2.1	U		2	U	
8001-35-2	Toxaphene	ug/kg	440			180	U		200	U		200	U		210	U		200	U	
12674-11-	Aroclor-1016	ug/kg	390			35	U		38	U		40	U		40	U		38	U	
11104-28-	Aroclor-1221	ug/kg	220			71	U		77	U		81	U		82	U		78	U	
11141-16-	Aroclor-1232	ug/kg	220			35	U		38	U		40	U		40	U		38	U	
53469-21-	Aroclor-1242	ug/kg	220			35	U		38	U		40	U		40	U		38	U	
12672-29-	Aroclor-1248	ug/kg	220			35	U		38	U		40	U		40	U		38	U	
11097-69-	Aroclor-1254	ug/kg	110			35	U		38	U		40	U		150		A	220		A
11096-82-	Aroclor-1260	ug/kg	220			35	U		38	U		40	U		40	U		38	U	

304168

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil			SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04			SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04			SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04			SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D			SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			3410		#	3550		#	3520		#	5290		#	4850		#
7440-36-0	Antimony	mg/kg	3.1			0.72	UJ		0.82	UJ		0.88	UJ		0.89	UJ		0.84	UJ	
7440-38-2	Arsenic	mg/kg	2.4			1.2	B	#	1.3	B	#	1.6	B	#	2.8		A	1.5	B	#
7440-39-3	Barium	mg/kg	300			11.5	B	#	11.2	B	#	16.9	B	#	29.1	B	#	15.7	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.32	B	A	0.3	B	#	0.35	B	A	0.24	B	#	0.21	B	#
7440-43-9	Cadmium	mg/kg	1			0.08	U		0.09	U		0.1	U		0.1	B	#	0.09	U	
7440-70-2	Calcium	mg/kg	N/A			410	B	~	436	B	~	1000	B	~	2110		~	732	B	~
7440-47-3	Chromium	mg/kg	6.2			3.7		#	3.7		#	4.4		#	10.1		A	6.4		A
7440-48-4	Cobalt	mg/kg	30			2.5	B	#	2.4	B	#	2.4	B	#	4.6	B	#	2.9	B	#
7440-50-8	Copper	mg/kg	25			6.3	J	#	7.6	J	#	6.6	J	#	18.1		#	10.1		#
7439-89-6	Iron	mg/kg	10669			6870		#	6960		#	5990		#	13100		A	10200		#
7439-92-1	Lead	mg/kg	N/A			2.5		~	2.9		~	5.2		~	10.7		~	6.6		~
7439-95-4	Magnesium	mg/kg	N/A			1000		~	978	B	~	828	B	~	1950		~	1110	B	~
7439-96-5	Manganese	mg/kg	340			187		#	231		#	168		#	467	J	A	275	J	#
7439-97-6	Mercury	mg/kg	0.1			0.05	UJ		0.05	UJ		0.37	J	A	23.1	J	A	16.8	J	A
7440-02-0	Nickel	mg/kg	13			6.1	B	#	5.6	B	#	5.4	B	#	19.4		A	11.2		#
7440-09-7	Potassium	mg/kg	N/A			312	B	~	307	B	~	261	B	~	679	B	~	439	B	~
7782-49-2	Selenium	mg/kg	2			0.94	U		1.1	U		1.1	U		1.2	U		1.1	U	
7440-22-4	Silver	mg/kg	39			0.2	U		0.22	U		0.24	U		1	B	#	1.2	B	#
7440-23-5	Sodium	mg/kg	N/A			234	BJ	~	276	BJ	~	342	BJ	~	471	BJ	~	360	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1	UJ		1.1	UJ		1.2	UJ		1.2	UJ		1.2	UJ	
7440-62-2	Vanadium	mg/kg	54.7			6.3	B	#	6.5	B	#	6.8	B	#	10.5	B	#	10.1	B	#
7440-66-6	Zinc	mg/kg	24.2			18.1	J	#	15.1	J	#	15	J	#	214	J	A	150	J	A

304169

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBD-04-E 12/5/2001 8 to 10 ft.BGS SBD-04			SBD-04-F 12/5/2001 10 to 12 ft.BGS SBD-04			SBD-04-G 12/5/2001 16 to 18 ft.BGS SBD-04			SBM-MW1D-A 11/28/2001 8 to 10 ft.BGS MW-1D			SBM-MW1D-B 11/28/2001 4 to 6 ft.BGS MW-1D		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			360		~	340		~	570		~	650		~	610		~
GIS-110-(	Total Organic Carbon	mg/kg	N/A			403		~	755		~	5670		~	4130		~	6110		~
12408-02-	pH	S.U.	N/A			7.22		~	7.37		~	6.64		~	7.65		~	7.62		~
Grain-85	**Grain - 3 members**																			
No.4(4.75	No. 4 (4.75-mm)	%	N/A			2.85		~	5.02		~	7.13		~	5.59		~	9.63		~
No.10(2.0	No. 10 (2.00-mm)	%	N/A			1.41		~	6.62		~	22.4		~	26.8		~	21.2		~
No.40(0.4	No. 40 (0.425)	%	N/A			18.7		~	14.3		~	21.9		~	23.5		~	19.1		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 238	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

304170

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D	SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D	SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D	SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D	SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D
VOA-s	**Volatile Organics**							
75-71-8	Dichlorodifluoromethane	ug/kg	9400	12 UJ	14 UJ	11 U	13 U	10 U
74-87-3	Chloromethane	ug/kg	1200	12 UJ	14 UJ	11 U	13 U	10 U
75-01-4	Vinyl Chloride	ug/kg	120	12 UJ	14 UJ	11 UJ	13 UJ	10 UJ
74-83-9	Bromomethane	ug/kg	390	12 UJ	14 UJ	11 UJ	13 UJ	10 UJ
75-00-3	Chloroethane	ug/kg	1900	12 UJ	14 UJ	11 UJ	13 UJ	10 UJ
75-69-4	Trichlorofluoromethane	ug/kg	10000	12 UJ	14 UJ	11 UJ	13 UJ	10 UJ
75-35-4	1,1-Dichloroethene	ug/kg	50	12 UJ	14 UJ	11 U	13 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000	12 UJ	14 UJ	11 U	13 U	10 U
67-64-1	Acetone	ug/kg	110	12 UJ	14 UJ	19 UJ	13 UJ	10 UJ
75-15-0	Carbon Disulfide	ug/kg	2700	12 UJ	14 UJ	11 U	13 U	10 U
79-20-9	Methyl Acetate	ug/kg	10000	12 UJ	14 UJ	11 UJ	13 UJ	10 UJ
75-09-2	Methylene Chloride	ug/kg	100	12 UJ	14 UJ	11 U	13 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/kg	300	12 UJ	14 UJ	11 U	13 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000	12 UJ	14 UJ	11 U	13 U	10 U
75-34-3	1,1-Dichloroethane	ug/kg	200	12 UJ	14 UJ	11 U	13 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300	12 UJ	14 UJ	11 U	13 U	10 U
78-93-3	2-Butanone	ug/kg	300	12 UJ	14 UJ	11 UJ	13 UJ	10 UJ
67-66-3	Chloroform	ug/kg	40	12 UJ	14 UJ	11 U	13 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/kg	760	12 UJ	14 UJ	11 U	13 U	10 U
110-82-7	Cyclohexane	ug/kg	10000	12 UJ	14 UJ	11 U	13 U	10 U
56-23-5	Carbon Tetrachloride	ug/kg	200	12 UJ	14 UJ	11 U	13 U	10 U
71-43-2	Benzene	ug/kg	60	12 UJ	14 UJ	11 U	13 U	10 U
107-06-2	1,2-Dichloroethane	ug/kg	100	12 UJ	14 UJ	11 U	13 U	10 U
79-01-6	Trichloroethene	ug/kg	700	12 UJ	14 UJ	11 U	13 U	10 U
108-87-2	Methylcyclohexane	ug/kg	10000	12 UJ	14 UJ	11 U	13 U	10 U
78-87-5	1,2-Dichloropropane	ug/kg	350	12 UJ	14 UJ	11 U	13 U	10 U
75-27-4	Bromodichloromethane	ug/kg	1000	12 UJ	14 UJ	11 U	13 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000	12 UJ	14 UJ	11 U	13 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/kg	1000	12 UJ	14 UJ	11 U	13 U	10 U

304171

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D		SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D		SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D		SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D	
108-88-3	Toluene	ug/kg	1500	12	UJ	14	UJ	11	U	13	U	10	U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000	12	UJ	14	UJ	11	U	13	U	10	U
79-00-5	1,1,2-Trichloroethane	ug/kg	800	12	UJ	14	UJ	11	U	13	U	10	U
127-18-4	Tetrachloroethene	ug/kg	1400	12	UJ	14	UJ	11	U	13	U	10	U
591-78-6	2-Hexanone	ug/kg	10000	12	UJ	14	UJ	11	UJ	13	UJ	10	UJ
124-48-1	Dibromochloromethane	ug/kg	1100	12	UJ	14	UJ	11	U	13	U	10	U
106-93-4	1,2-Dibromoethane	ug/kg	10	12	UJ	14	UJ	11	U	13	U	10	U
108-90-7	Chlorobenzene	ug/kg	1700	12	UJ	14	UJ	11	U	13	U	10	U
100-41-4	Ethylbenzene	ug/kg	5500	12	UJ	14	UJ	11	U	13	U	10	U
1330-20-7	Xylenes (total)	ug/kg	1200	12	UJ	14	UJ	11	U	13	U	10	U
100-42-5	Styrene	ug/kg	10000	12	UJ	14	UJ	11	U	13	U	10	U
75-25-2	Bromoform	ug/kg	10000	12	UJ	14	UJ	11	U	13	U	10	U
98-82-8	Isopropylbenzene	ug/kg	10000	12	UJ	14	UJ	11	U	13	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400	12	UJ	14	UJ	11	U	13	U	10	U
541-73-1	1,3-Dichlorobenzene	ug/kg	1300	12	UJ	14	UJ	11	U	13	U	10	U
106-46-7	1,4-Dichlorobenzene	ug/kg	3400	12	UJ	14	UJ	11	U	13	U	10	U
95-50-1	1,2-Dichlorobenzene	ug/kg	7900	12	UJ	14	UJ	11	U	13	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150	12	UJ	14	UJ	11	U	13	U	10	U
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400	12	UJ	14	UJ	11	U	13	U	10	U

304172

COMPARISON FLAGS:
A -- De[redacted] sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D	SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D	SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D	SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D	SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	611000	450 UJ	430 UJ	420 UJ	6 J #	350 UJ
108-95-2	Phenol	ug/kg	30	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
95-57-8	2-Chlorophenol	ug/kg	800	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
95-48-7	2-Methylphenol	ug/kg	100	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
98-86-2	Acetophenone	ug/kg	50	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
106-44-5	4-Methylphenol	ug/kg	900	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
67-72-1	Hexachloroethene	ug/kg	6100	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
98-95-3	Nitrobenzene	ug/kg	200	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
78-59-1	Isophorone	ug/kg	4400	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
88-75-5	2-Nitrophenol	ug/kg	330	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
105-67-9	2,4-Dimethylphenol	ug/kg	122000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
120-83-2	2,4-Dichlorophenol	ug/kg	400	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
91-20-3	Naphthalene	ug/kg	5600	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
106-47-8	p-Chloroaniline	ug/kg	220	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
105-60-2	Caprolactam	ug/kg	3055000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
91-57-6	2-Methylnaphthalene	ug/kg	36400	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	1100 UJ	1100 UJ	1100 UJ	1100 UJ	880 UJ
92-52-4	1,1'-Biphenyl	ug/kg	301000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
91-58-7	2-Chloronaphthalene	ug/kg	385000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
88-74-4	2-Nitroaniline	ug/kg	350	1100 UJ	1100 UJ	1100 UJ	1100 UJ	880 UJ
131-11-3	Dimethyl phthalate	ug/kg	2000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
208-96-8	Acenaphthylene	ug/kg	41000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ
99-09-2	3-Nitrooaniline	ug/kg	500	1100 R	1100 R	1100 UJ	1100 UJ	880 UJ
83-32-9	Acenaphthene	ug/kg	50000	450 UJ	430 UJ	420 UJ	430 UJ	350 UJ

304173

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D			SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D			SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D			SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D			SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	1100	UJ		1100	UJ		1100	UJ		1100	UJ		880	UJ	
100-02-7	4-Nitrophenol	ug/kg	100	1100	UJ		1100	UJ		1100	UJ		1100	UJ		880	UJ	
132-64-9	Dibenzofuran	ug/kg	6200	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
84-66-2	Diethyl phthalate	ug/kg	7100	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
86-73-7	Fluorene	ug/kg	50000	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
100-01-6	P-Nitroaniline	ug/kg	N/A	1100	UJ		1100	UJ		1100	UJ		1100	UJ		880	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1100	UJ		1100	UJ		1100	UJ		1100	UJ		880	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
118-74-1	Hexachlorobenzene	ug/kg	300	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
1912-24-9	Atrazine	ug/kg	2200	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
87-86-5	Pentachlorophenol	ug/kg	1000	1100	UJ		1100	UJ		1100	UJ		1100	UJ		880	UJ	
85-01-8	Phenanthrene	ug/kg	50000	450	UJ		52	J	#	420	UJ		19	J	#	350	UJ	
120-12-7	Anthracene	ug/kg	50000	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
86-74-8	Carbazole	ug/kg	24300	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
84-74-2	Di-n-butylphthalate	ug/kg	8100	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
206-44-0	Fluoranthene	ug/kg	50000	450	UJ		63	J	#	420	UJ		19	J	#	350	UJ	
129-00-0	Pyrene	ug/kg	50000	450	UJ		59	J	#	420	UJ		430	UJ		350	UJ	
85-68-7	Benzyl butyl phthalate	ug/kg	50000	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
91-94-1	3,3`-Dichlorobenzidine	ug/kg	1100	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
56-55-3	Benzo(a)anthracene	ug/kg	224	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
218-01-9	Chrysene	ug/kg	400	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
117-84-0	Di-n-octylphthalate	ug/kg	50000	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
50-32-8	Benzo(a)pyrene	ug/kg	200	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	450	UJ		430	UJ		420	UJ		430	UJ		350	UJ	

304174

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D	SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D	SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D	SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D	SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D
P/PCBs-s	**Pesticides/PCB Organics**							
319-84-6	alpha-BHC	ug/kg	90	2.3 UJ	2.2 UJ	2.2 UJ	5.5 J #	1.8 UJ
319-85-7	beta-BHC	ug/kg	200	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	1.8 UJ
319-86-8	delta-BHC	ug/kg	300	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	1.8 UJ
58-89-9	gamma-BHC (Lindane)	ug/kg	60	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	1.8 UJ
76-44-8	Heptachlor	ug/kg	100	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	1.8 UJ
309-00-2	Aldrin	ug/kg	30	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	1.8 UJ
1024-57-3	Heptachlor Epoxide	ug/kg	20	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	1.8 UJ
959-98-8	Endosulfan I	ug/kg	900	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	1.8 UJ
60-57-1	Dieldrin	ug/kg	30	4.5 UJ	4.3 UJ	4.2 UJ	4.3 UJ	3.5 UJ
72-55-9	4,4'-DDE	ug/kg	1700	4.5 UJ	4.3 UJ	4.2 UJ	5.4 NJ #	2.8 J #
72-20-8	Endrin	ug/kg	100	4.5 UJ	4.3 UJ	4.2 UJ	4.3 UJ	3.5 UJ
33213-65-9	Endosulfan II	ug/kg	900	4.5 UJ	4.3 UJ	4.2 UJ	4.3 UJ	3.5 UJ
72-54-8	4,4'-DDD	ug/kg	2400	4.5 UJ	4.3 UJ	4.2 UJ	4.3 UJ	3.5 UJ
1031-07-8	Endosulfan Sulfate	ug/kg	1000	4.5 UJ	4.3 UJ	4.2 UJ	4.3 UJ	3.5 UJ
50-29-3	4,4'-DDT	ug/kg	1700	4.5 UJ	4.3 UJ	4.2 UJ	4.3 UJ	3.5 UJ
72-43-5	Methoxychlor	ug/kg	31000	23 UJ	22 UJ	22 UJ	22 UJ	18 UJ
53494-70-5	Endrin Ketone	ug/kg	N/A	4.5 UJ	4.3 UJ	4.2 UJ	4.3 UJ	3.5 UJ
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4.5 UJ	4.3 UJ	4.2 UJ	4.3 UJ	3.5 UJ
5103-71-9	alpha-Chlordane	ug/kg	540	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	1.8 UJ
5103-74-2	gamma-Chlordane	ug/kg	540	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	1.8 UJ
8001-35-2	Toxaphene	ug/kg	440	230 UJ	220 UJ	220 UJ	220 UJ	180 UJ
12674-11-2	Aroclor-1016	ug/kg	390	45 UJ	43 UJ	42 UJ	43 UJ	35 UJ
11104-28-2	Aroclor-1221	ug/kg	220	92 UJ	88 UJ	86 UJ	88 UJ	71 UJ
11141-16-5	Aroclor-1232	ug/kg	220	45 UJ	43 UJ	42 UJ	43 UJ	35 UJ
53469-21-9	Aroclor-1242	ug/kg	220	45 UJ	43 UJ	42 UJ	43 UJ	35 UJ
12672-29-6	Aroclor-1248	ug/kg	220	45 UJ	43 UJ	460 J A	570 J A	240 J A
11097-69-1	Aroclor-1254	ug/kg	110	45 UJ	43 UJ	42 UJ	43 UJ	35 UJ
11096-82-5	Aroclor-1260	ug/kg	220	45 UJ	43 UJ	35 J #	45 J #	35 UJ

304175

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D			SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D			SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D			SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D			SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			4360		#	5010		#	7670		A	11300		A	4220		#
7440-36-0	Antimony	mg/kg	3.1			0.9	U		0.89	U		0.99	UJ		0.99	UJ		0.78	UJ	
7440-38-2	Arsenic	mg/kg	2.4			2.3	B	#	4.4		A	3.8		A	5.5		A	2.2		#
7440-39-3	Barium	mg/kg	300			17.5	B	#	29.4	B	#	26.3	B	#	59.1		#	18	B	#
7440-41-7	Beryllium	mg/kg	0.3			0.46	B	A	0.5	B	A	0.53	B	A	0.72	B	A	0.42	B	A
7440-43-9	Cadmium	mg/kg	1			0.1	U		0.1	U		0.11	U		0.11	U		0.08	U	
7440-70-2	Calcium	mg/kg	N/A			1300		~	33100		~	1950		~	2900		~	781	B	~
7440-47-3	Chromium	mg/kg	6.2			6.1		#	7.6		A	8.5	J	A	11.9	J	A	4.8	J	#
7440-48-4	Cobalt	mg/kg	30			4.9	B	#	6.4	B	#	7	B	#	8.5	B	#	3.2	B	#
7440-50-8	Copper	mg/kg	25			18.5	EJ	#	21.3	EJ	#	17.2	J	#	20.9	J	#	11.2	J	#
7439-89-6	Iron	mg/kg	10669			13100		A	14900		A	16500		A	22000		A	8510		#
7439-92-1	Lead	mg/kg	N/A			11		~	12.1		~	5.6	J	~	7.5	J	~	7.6	J	~
7439-95-4	Magnesium	mg/kg	N/A			1740		~	11800		~	2170		~	3020		~	959	B	~
7439-96-5	Manganese	mg/kg	340			104		#	574		A	524	J	A	551	J	A	268	J	#
7439-97-6	Mercury	mg/kg	0.1			0	R		0.06	UN		38800		A	17100		A	402		A
7440-02-0	Nickel	mg/kg	13			12.4	EJ	#	13.7	EJ	A	12.9		#	17.8		A	5.3	B	#
7440-09-7	Potassium	mg/kg	N/A			660	BE	~	943	BE	~	1300	B	~	2250	J	~	451	B	~
7782-49-2	Selenium	mg/kg	2			1	U		1	U		1.3	U		1.3	U		1	U	
7440-22-4	Silver	mg/kg	39			0.22	U		0.22	U		0.27	U		0.27	U		0.21	U	
7440-23-5	Sodium	mg/kg	N/A			126	B	~	199	B	~	300	BJ	~	347	BJ	~	188	BJ	~
7440-28-0	Thallium	mg/kg	N/A			1.3	BJ	~	1.2	U		1.4	UJ		1.4	UJ		1.1	UJ	
7440-62-2	Vanadium	mg/kg	54.7			10	B	#	11.4	B	#	13.6		#	18.5		#	8.3	B	#
7440-66-6	Zinc	mg/kg	24.2			95.1		A	40.2		A	35.5		A	46.5		A	16.5		#

304176

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBM-MW2D-A 11/15/2001 12 to 14 ft.BGS MW-2D			SBM-MW2D-B 11/15/2001 16 to 18 ft.BGS MW-2D			SBM-MW5D-A 11/19/2001 10 to 12 ft.BGS MW-5D			SBM-MW5D-A-D 11/19/2001 10 to 12 ft.BGS MW-5D			SBM-MW5D-B 11/19/2001 4 to 6 ft.BGS MW-5D		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			28		~	490		~	1000		~	1000		~	450		~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			1530		~	4380		~	908		~	1010		~	1400		~
12408-02-5	pH	S.U.	N/A			7.63		~	7.75		~	8.7		~	8.68		~	8.05		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			17.9		~	21.4		~	15.7		~	29.6		~	1.05		~
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			10.2		~	17.3		~	38.8		~	30.2		~	0.82		~
No.40(0.425)	No. 40 (0.425)	%	N/A			6.29		~	10.2		~	19.2		~	17.6		~	3.8		~
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A																	
105-425	105-425	%	N/A																	
425 - 500	425 - 500	%	N/A																	
500 - 850	500 - 850	%	N/A																	
850 - 2380	850 - 2380	%	N/A																	
2380	>2380	%	N/A																	

3041177

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D			SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D		SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D		SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D		SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D	
VOA-s	**Volatile Organics**													
75-71-8	Dichlorodifluoromethane	ug/kg	9400	10	U		12	UJ	10	UJ	12	R	13	UJ
74-87-3	Chloromethane	ug/kg	1200	10	U		12	UJ	10	UJ	12	R	13	UJ
75-01-4	Vinyl Chloride	ug/kg	120	10	UJ		12	UJ	10	UJ	12	R	13	UJ
74-83-9	Bromomethane	ug/kg	390	10	UJ		12	UJ	10	UJ	12	R	13	UJ
75-00-3	Chloroethane	ug/kg	1900	10	UJ		12	UJ	10	UJ	12	R	13	UJ
75-69-4	Trichlorofluoromethane	ug/kg	10000	1	J	#	12	UJ	10	UJ	12	R	13	UJ
75-35-4	1,1-Dichloroethene	ug/kg	50	10	U		12	UJ	10	UJ	12	R	13	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ug/kg	6000	10	U		12	UJ	10	UJ	12	R	13	UJ
67-64-1	Acetone	ug/kg	110	10	UJ		12	UJ	10	UJ	12	UJ	21	UJ
75-15-0	Carbon Disulfide	ug/kg	2700	10	U		12	UJ	10	UJ	12	R	13	UJ
79-20-9	Methyl Acetate	ug/kg	10000	10	UJ		12	UJ	10	UJ	12	R	13	UJ
75-09-2	Methylene Chloride	ug/kg	100	10	U		12	UJ	10	UJ	12	UJ	13	UJ
156-60-5	trans-1,2-Dichloroethene	ug/kg	300	10	U		12	UJ	10	UJ	12	R	13	UJ
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	10000	10	U		12	UJ	10	UJ	12	R	13	UJ
75-34-3	1,1-Dichloroethane	ug/kg	200	10	U		12	UJ	10	UJ	12	R	13	UJ
156-59-2	cis-1,2-Dichloroethene	ug/kg	4300	10	U		12	UJ	10	UJ	12	R	13	UJ
78-93-3	2-Butanone	ug/kg	300	10	UJ		12	UJ	10	UJ	12	R	13	UJ
67-66-3	Chloroform	ug/kg	40	10	U		12	UJ	10	UJ	12	R	13	UJ
71-55-6	1,1,1-Trichloroethane	ug/kg	760	10	U		12	UJ	10	UJ	12	R	13	UJ
110-82-7	Cyclohexane	ug/kg	10000	10	U		12	UJ	10	UJ	12	R	13	UJ
56-23-5	Carbon Tetrachloride	ug/kg	200	10	U		12	UJ	10	UJ	12	R	13	UJ
71-43-2	Benzene	ug/kg	60	10	U		12	UJ	10	UJ	12	R	13	UJ
107-06-2	1,2-Dichloroethane	ug/kg	100	10	U		12	UJ	10	UJ	12	R	13	UJ
79-01-6	Trichloroethene	ug/kg	700	10	U		12	UJ	10	UJ	12	R	13	UJ
108-87-2	Methylcyclohexane	ug/kg	10000	10	U		12	UJ	10	UJ	12	R	13	UJ
78-87-5	1,2-Dichloropropane	ug/kg	350	10	U		12	UJ	10	UJ	12	R	13	UJ
75-27-4	Bromodichloromethane	ug/kg	1000	10	U		12	UJ	10	UJ	12	R	13	UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	10000	10	U		12	UJ	10	UJ	12	R	13	UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	1000	10	U		12	UJ	10	UJ	12	R	13	UJ

304178

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth / Unit \\ Location	Combined Screening Criteria for Soil			SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D			SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D			SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D			SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D			SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D		
108-88-3	Toluene	ug/kg	1500			10	U		12	UJ		10	UJ		12	R		2	J	#
10061-02-6	trans-1,3-Dichloropropene	ug/kg	10000			10	U		12	UJ		10	UJ		12	R		13	UJ	
79-00-5	1,1,2-Trichloroethane	ug/kg	800			10	U		12	UJ		10	UJ		12	R		13	UJ	
127-18-4	Tetrachloroethene	ug/kg	1400			10	U		12	UJ		10	UJ		12	R		13	UJ	
591-78-6	2-Hexanone	ug/kg	10000			10	UJ		12	UJ		10	UJ		12	R		13	UJ	
124-48-1	Dibromochloromethane	ug/kg	1100			10	U		12	UJ		10	UJ		12	R		13	UJ	
106-93-4	1,2-Dibromoethane	ug/kg	10			10	U		12	UJ		10	UJ		12	R		13	UJ	
108-90-7	Chlorobenzene	ug/kg	1700			10	U		12	UJ		10	UJ		12	R		13	UJ	
100-41-4	Ethylbenzene	ug/kg	5500			10	U		12	UJ		10	UJ		12	R		13	UJ	
1330-20-7	Xylenes (total)	ug/kg	1200			10	U		12	UJ		10	UJ		12	R		13	UJ	
100-42-5	Styrene	ug/kg	10000			10	U		12	UJ		10	UJ		12	R		13	UJ	
75-25-2	Bromoform	ug/kg	10000			10	U		12	UJ		10	UJ		12	R		13	UJ	
98-82-8	Isopropylbenzene	ug/kg	10000			10	U		12	UJ		10	UJ		12	R		13	UJ	
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	400			10	U		12	UJ		10	UJ		12	R		13	UJ	
541-73-1	1,3-Dichlorobenzene	ug/kg	1300			10	U		12	UJ		10	UJ		12	R		13	UJ	
106-46-7	1,4-Dichlorobenzene	ug/kg	3400			10	U		12	UJ		10	UJ		12	R		13	UJ	
95-50-1	1,2-Dichlorobenzene	ug/kg	7900			10	U		12	UJ		10	UJ		12	R		13	UJ	
96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	150			10	U		12	UJ		10	UJ		12	R		13	UJ	
120-82-1	1,2,4-Trichlorobenzene	ug/kg	3400			10	U		12	UJ		10	UJ		12	R		13	UJ	

304179

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D	SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D	SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D	SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D	SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D
SV-1-s	**SemiVolatile Organics - Page 1**							
100-52-7	Benzaldehyde	ug/kg	611000	8 J #	430 R	390 R	410 R	470 R
108-95-2	Phenol	ug/kg	30	400 UJ	430 UJ	390 UJ	410 U	470 UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	210	400 UJ	430 UJ	390 UJ	410 U	470 UJ
95-57-8	2-Chlorophenol	ug/kg	800	400 UJ	430 UJ	390 UJ	410 U	470 UJ
95-48-7	2-Methylphenol	ug/kg	100	400 UJ	430 UJ	390 UJ	410 U	470 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	2900	400 UJ	430 UJ	390 UJ	410 U	470 UJ
98-86-2	Acetophenone	ug/kg	50	400 UJ	430 UJ	390 UJ	410 U	470 UJ
106-44-5	4-Methylphenol	ug/kg	900	400 UJ	430 UJ	390 UJ	410 U	470 UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	70	400 UJ	430 UJ	390 UJ	410 U	470 UJ
67-72-1	Hexachloroethene	ug/kg	6100	400 UJ	430 UJ	390 UJ	410 U	470 UJ
98-95-3	Nitrobenzene	ug/kg	200	400 UJ	430 UJ	390 UJ	410 U	470 UJ
78-59-1	Isophorone	ug/kg	4400	400 UJ	430 UJ	390 UJ	410 U	470 UJ
88-75-5	2-Nitrophenol	ug/kg	330	400 UJ	430 UJ	390 UJ	410 U	470 UJ
105-67-9	2,4-Dimethylphenol	ug/kg	122000	400 UJ	430 UJ	390 UJ	410 U	470 UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	400 UJ	430 UJ	390 UJ	410 U	470 UJ
120-83-2	2,4-Dichlorophenol	ug/kg	400	400 UJ	430 UJ	390 UJ	410 U	470 UJ
91-20-3	Naphthalene	ug/kg	5600	400 UJ	430 UJ	390 UJ	410 U	54 J #
106-47-8	p-Chloroaniline	ug/kg	220	400 UJ	430 UJ	390 UJ	410 U	470 UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	1800	400 UJ	430 UJ	390 UJ	410 U	470 UJ
105-60-2	Caprolactam	ug/kg	3055000	400 UJ	430 UJ	390 UJ	410 U	470 UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	240	400 UJ	430 UJ	390 UJ	410 U	470 UJ
91-57-6	2-Methylnaphthalene	ug/kg	36400	400 UJ	430 UJ	390 UJ	410 U	470 UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	42000	400 UJ	430 UJ	390 UJ	410 U	470 UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	44000	400 UJ	430 UJ	390 UJ	410 U	470 UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	100	1000 UJ	1100 UJ	980 UJ	1000 U	1200 UJ
92-52-4	1,1'-Biphenyl	ug/kg	301000	400 UJ	430 UJ	390 UJ	410 U	470 UJ
91-58-7	2-Chloronaphthalene	ug/kg	385000	400 UJ	430 UJ	390 UJ	410 U	470 UJ
88-74-4	2-Nitroaniline	ug/kg	350	1000 UJ	1100 UJ	980 UJ	1000 U	1200 UJ
131-11-3	Dimethyl phthalate	ug/kg	2000	400 UJ	430 UJ	390 UJ	410 U	470 UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	1000	400 UJ	430 UJ	390 UJ	410 U	470 UJ
208-96-8	Acenaphthylene	ug/kg	41000	400 UJ	430 UJ	390 UJ	410 U	470 UJ
99-09-2	3-Nitrooaniline	ug/kg	500	1000 UJ	1100 UJ	980 UJ	1000 UJ	1200 UJ
83-32-9	Acenaphthene	ug/kg	50000	400 UJ	430 UJ	390 UJ	57 J #	470 UJ

304180

COMPARISON FLAGS:
A -- De[redacted] sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D			SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D			SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D			SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D			SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D		
SV-2-s	**SemiVolatile Organics - Page 2**																	
51-28-5	2,4-Dinitrophenol	ug/kg	200	1000	UJ		1100	R		980	R		1000	R		1200	R	
100-02-7	4-Nitrophenol	ug/kg	100	1000	UJ		1100	UJ		980	UJ		1000	U		1200	UJ	
132-64-9	Dibenzofuran	ug/kg	6200	400	UJ		430	UJ		390	UJ		410	U		470	UJ	
121-14-2	2,4-Dinitrotoluene	ug/kg	12000	400	UJ		430	UJ		390	UJ		410	U		470	UJ	
84-66-2	Diethyl phthalate	ug/kg	7100	400	UJ		430	UJ		390	UJ		410	U		470	UJ	
86-73-7	Fluorene	ug/kg	50000	400	UJ		430	UJ		390	UJ		91	J	#	470	UJ	
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	400	UJ		430	UJ		390	UJ		410	U		470	UJ	
100-01-6	P-Nitroaniline	ug/kg	N/A	1000	UJ		1100	UJ		980	UJ		1000	UJ		1200	UJ	
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	N/A	1000	UJ		1100	R		980	R		1000	U		1200	R	
86-30-6	N-Nitrosodiphenylamine	ug/kg	99000	400	UJ		430	UJ		390	UJ		410	U		470	UJ	
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	400	UJ		430	UJ		390	UJ		410	U		470	UJ	
118-74-1	Hexachlorobenzene	ug/kg	300	400	UJ		430	UJ		390	UJ		410	U		470	UJ	
1912-24-9	Atrazine	ug/kg	2200	400	UJ		430	UJ		390	UJ		410	U		470	UJ	
87-86-5	Pentachlorophenol	ug/kg	1000	1000	UJ		1100	UJ		980	UJ		1000	UJ		1200	UJ	
85-01-8	Phenanthrene	ug/kg	50000	400	UJ		430	UJ		390	UJ		1100		#	470	UJ	
120-12-7	Anthracene	ug/kg	50000	400	UJ		430	UJ		390	UJ		170	J	#	470	UJ	
86-74-8	Carbazole	ug/kg	24300	400	UJ		430	UJ		390	UJ		87	J	#	470	UJ	
84-74-2	Di-n-butylphthalate	ug/kg	8100	400	UJ		430	UJ		45	J	#	410	U		54	J	#
206-44-0	Fluoranthene	ug/kg	50000	400	UJ		430	UJ		390	UJ		2200		#	470	UJ	
129-00-0	Pyrene	ug/kg	50000	400	UJ		430	UJ		390	UJ		2400		#	470	UJ	
85-68-7	Benzyl butyl phthalate	ug/kg	50000	400	UJ		430	UJ		390	UJ		410	U		470	UJ	
91-94-1	3,3'-Dichlorobenzidine	ug/kg	1100	400	UJ		430	UJ		390	UJ		410	UJ		470	UJ	
56-55-3	Benzo(a)anthracene	ug/kg	224	400	UJ		430	UJ		390	UJ		1000		A	470	UJ	
218-01-9	Chrysene	ug/kg	400	400	UJ		430	UJ		390	UJ		1400		A	470	UJ	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	35000	400	UJ		430	UJ		390	UJ		920		#	470	UJ	
117-84-0	Di-n-octylphthalate	ug/kg	50000	400	UJ		430	R		390	R		410	UJ		470	R	
205-99-2	Benzo(b)fluoranthene	ug/kg	620	400	UJ		430	UJ		390	UJ		1200		A	470	UJ	
207-08-9	Benzo(k)fluoranthene	ug/kg	1100	400	UJ		430	UJ		390	UJ		1000		#	470	UJ	
50-32-8	Benzo(a)pyrene	ug/kg	200	400	UJ		430	UJ		390	UJ		890		A	470	UJ	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	620	400	UJ		430	UJ		390	UJ		610		#	470	UJ	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	180	400	UJ		430	UJ		390	UJ		180	J	#	470	UJ	
191-24-2	Benzo(g,h,i)perylene	ug/kg	50000	400	UJ		430	UJ		390	UJ		140	J	#	470	UJ	

3041181

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Depth Unit \\ Location	Combined Screening Criteria for Soil	SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D		SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D		SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D		SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D		SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D	
P/PCBs-s	**Pesticides/PCB Organics**												
319-84-6	alpha-BHC	ug/kg	90	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
319-85-7	beta-BHC	ug/kg	200	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
319-86-8	delta-BHC	ug/kg	300	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
58-89-9	gamma-BHC (Lindane)	ug/kg	60	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
76-44-8	Heptachlor	ug/kg	100	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
309-00-2	Aldrin	ug/kg	30	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
1024-57-3	Heptachlor Epoxide	ug/kg	20	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
959-98-8	Endosulfan I	ug/kg	900	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
60-57-1	Dieldrin	ug/kg	30	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
72-55-9	4,4'-DDE	ug/kg	1700	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
72-20-8	Endrin	ug/kg	100	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
33213-65-9	Endosulfan II	ug/kg	900	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
72-54-8	4,4'-DDD	ug/kg	2400	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
1031-07-8	Endosulfan Sulfate	ug/kg	1000	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
50-29-3	4,4'-DDT	ug/kg	1700	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
72-43-5	Methoxychlor	ug/kg	31000	21	UJ	22	UJ	20	UJ	21	UJ	24	UJ
53494-70-5	Endrin Ketone	ug/kg	N/A	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
7421-93-4	Endrin Aldehyde	ug/kg	N/A	4	UJ	4.3	UJ	3.9	UJ	4.1	UJ	4.7	UJ
5103-71-9	alpha-Chlordane	ug/kg	540	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
5103-74-2	gamma-Chlordane	ug/kg	540	2.1	UJ	2.2	UJ	2	UJ	2.1	UJ	2.4	UJ
8001-35-2	Toxaphene	ug/kg	440	210	UJ	220	UJ	200	UJ	210	UJ	240	UJ
12674-11-2	Aroclor-1016	ug/kg	390	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
11104-28-2	Aroclor-1221	ug/kg	220	82	UJ	87	UJ	79	UJ	83	UJ	96	UJ
11141-16-5	Aroclor-1232	ug/kg	220	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
53469-21-9	Aroclor-1242	ug/kg	220	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
12672-29-6	Aroclor-1248	ug/kg	220	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
11097-69-1	Aroclor-1254	ug/kg	110	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ
11096-82-5	Aroclor-1260	ug/kg	220	40	UJ	43	UJ	39	UJ	41	UJ	47	UJ

304182

COMPARISON FLAGS:
A -- De[redacted]' sample value is greater that the screening criterion.
-- De[redacted] sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Location	Combined Screening Criteria for Soil			SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D			SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D			SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D			SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D			SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D		
Inorg-s	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	7614			4840		#	11900		A	5060		#	5130		#	13400		A
7440-36-0	Antimony	mg/kg	3.1			0.9	UJ		0.89	U		0.88	U		0.88	U		0.94	B	#
7440-38-2	Arsenic	mg/kg	2.4			3.1		A	5.6		A	4.5		A	4.3		A	6.9		A
7440-39-3	Barium	mg/kg	300			40.5	B	#	70.8		#	25	B	#	13.5	B	#	122		#
7440-41-7	Beryllium	mg/kg	0.3			0.41	B	A	0.82	B	A	0.49	B	A	0.33	B	A	0.75	B	A
7440-43-9	Cadmium	mg/kg	1			0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7440-70-2	Calcium	mg/kg	N/A			30400		~	2810		~	28100		~	909	B	~	29600		~
7440-47-3	Chromium	mg/kg	6.2			6.9	J	A	28.6		A	6.8		A	10.3	*	A	15.8	*	A
7440-48-4	Cobalt	mg/kg	30			5	B	#	11	B	#	6	B	#	5	B	#	12.8		#
7440-50-8	Copper	mg/kg	25			13.9	J	#	20.9	EJ	#	18.2	EJ	#	17.6		#	28.2		A
7439-89-6	Iron	mg/kg	10669			13100		A	23900		A	14000		A	12600		A	28300		A
7439-92-1	Lead	mg/kg	N/A			4.5	J	~	8.4		~	7.1		~	5.4		~	10.9		~
7439-95-4	Magnesium	mg/kg	N/A			9700		~	4020		~	8180		~	1760		~	11500		~
7439-96-5	Manganese	mg/kg	340			380	J	A	524		A	459		A	413		A	559		A
7439-97-6	Mercury	mg/kg	0.1			995		A	0.06	UN		0	R		0.06	U		0.09	B	#
7440-02-0	Nickel	mg/kg	13			11.9		#	26.5	EJ	A	14.4	EJ	A	11.7	EJ	#	24.6	EJ	A
7440-09-7	Potassium	mg/kg	N/A			1020	B	~	1310	EJ	~	705	BE	~	624	BE	~	2720	EJ	~
7782-49-2	Selenium	mg/kg	2			1.2	U		1	U		1	U		1	U		1	U	
7440-22-4	Silver	mg/kg	39			0.24	U		0.22	U		0.22	U		0.27	BNJ	#	0.22	UNJ	
7440-23-5	Sodium	mg/kg	N/A			328	BJ	~	112	B	~	111	B	~	164	B	~	552	B	~
7440-28-0	Thallium	mg/kg	N/A			1.3	UJ		1.2	U		1.2	BJ	~	1.2	U		1.2	U	
7440-62-2	Vanadium	mg/kg	54.7			11.9	B	#	18.7	J	#	11.5	B	#	10.8	B	#	27.6	J	#
7440-66-6	Zinc	mg/kg	24.2			29.2		A	53.8		A	35.2		A	0	R		79.6		A

304183

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code Sample Date Depth Unit \\ Locatio	Combined Screening Criteria for Soil			SBM-MW5D-C 11/20/2001 64 to 66 ft.BGS MW-5D			SBM-MW6D-A 11/14/2001 13 to 15 ft.BGS MW-6D			SBM-MW6D-B 11/14/2001 20 to 22 ft.BGS MW-6D			SBM-MW7D-A 11/7/2001 8 to 10 ft.BGS MW-7D			SBM-MW7D-B 11/7/2001 60 to 62 ft.BGS MW-7D		
Add-I	**Additional Parameters**																			
7440-23-5	Sodium	MEQ/kg	N/A			650		~	680		~	780		~	470		~	890		~
GIS-110-012	Total Organic Carbon	mg/kg	N/A			1250		~	610		~	1040		~	425		~	2190		~
12408-02-5	pH	S.U.	N/A			8.89		~	7.08		~	7.73		~	7.44		~	8.81		~
Grain-85	**Grain - 3 members**																			
No.4(4.75-mm	No. 4 (4.75-mm)	%	N/A			20.3		~	6.2		~	3.35		~						
No.10(2.00-mn	No. 10 (2.00-mm)	%	N/A			29		~	24.7		~	38.7		~						
No.40(0.425)	No. 40 (0.425)	%	N/A			16		~	17.6		~	18.6		~						
Grain-90	**Grain - 6 members**																			
105	<105	%	N/A												72.7		~	6.5		~
105-425	105-425	%	N/A												22.1		~	61.8		~
425 - 500	425 - 500	%	N/A												1.35		~	6.29		~
500 - 850	500 - 850	%	N/A												2.34		~	15.6		~
850 - 2380	850 - 2380	%	N/A												1.45		~	9.74		~
2380	>2380	%	N/A												0		~	0		~

304184

COMPARISON FLAGS:
A -- Detected sample value is greater that the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

Table 9

Fish Sample Results

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish	FSF-ECO-02-PD 11/7/2001 Inga'sPond	FSF-ECO-02-ST 11/6/2001 SW-02	FSF-ECO-06-ST 11/6/2001 SW-06	FSF-ECO-10-PDA 11/7/2001 I-90 Pond	FSF-ECO-10-PDB 11/7/2001 I-90 Pond
SW8270C-1	**SemiVolatile Organics - Page 1**							
120-82-1	1,2,4-Trichlorobenzene	ug/kg	13500	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	122000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	40600	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	100	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	135000	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	300	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
120-83-2	2,4-Dichlorophenol	ug/kg	4100	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
105-67-9	2,4-Dimethylphenol	ug/kg	27000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
51-28-5	2,4-Dinitrophenol	ug/kg	2700	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	2700	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	1400	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
91-58-7	2-Chloronaphthalene	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
95-57-8	2-Chlorophenol	ug/kg	6800	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
91-57-6	2-Methylnaphthalene	ug/kg	27000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
95-48-7	2-Methylphenol	ug/kg	67600	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
88-74-4	2-Nitroaniline	ug/kg	N/A	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
88-75-5	2-Nitrophenol	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	7	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
99-09-2	3-Nitrooaniline	ug/kg	N/A	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1400	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
106-47-8	p-Chloroaniline	ug/kg	5400	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
106-44-5	4-Methylphenol	ug/kg	6800	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
100-01-6	P-Nitroaniline	ug/kg	N/A	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
100-02-7	4-Nitrophenol	ug/kg	10800	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
83-32-9	Acenaphthene	ug/kg	81100	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
208-96-8	Acenaphthylene	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
120-12-7	Anthracene	ug/kg	406000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
56-55-3	Benzo(a)anthracene	ug/kg	4	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
50-32-8	Benzo(a)pyrene	ug/kg	0.4	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	4	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	40	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish	FSF-ECO-02-PD 11/7/2001 Inga'sPond	FSF-ECO-02-ST 11/6/2001 SW-02	FSF-ECO-06-ST 11/6/2001 SW-06	FSF-ECO-10-PDA 11/7/2001 I-90 Pond	FSF-ECO-10-PDB 11/7/2001 I-90 Pond
SW8270C-2	**SemiVolatile Organics - Page 2**							
111-44-4	bis(2-Chloroethyl)ether	ug/kg	3	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2.3	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
85-68-7	Benzyl butyl phthalate	ug/kg	270000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
86-74-8	Carbazole	ug/kg	200	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
218-01-9	Chrysene	ug/kg	400	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
84-74-2	Di-n-butylphthalate	ug/kg	135000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
117-84-0	Di-n-octylphthalate	ug/kg	27000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	0.4	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
132-64-9	Dibenzofuran	ug/kg	5400	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
84-66-2	Diethyl phthalate	ug/kg	1081000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
131-11-3	Dimethyl phthalate	ug/kg	13519000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
206-44-0	Fluoranthene	ug/kg	54100	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
86-73-7	Fluorene	ug/kg	54100	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
118-74-1	Hexachlorobenzene	ug/kg	2	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	40	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	8100	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
67-72-1	Hexachloroethene	ug/kg	200	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	4	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
78-59-1	Isophorone	ug/kg	3300	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	0.5	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	600	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
91-20-3	Naphthalene	ug/kg	27000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
98-95-3	Nitrobenzene	ug/kg	700	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
87-86-5	Pentachlorophenol	ug/kg	30	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
85-01-8	Phenanthrene	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
108-95-2	Phenol	ug/kg	811000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
129-00-0	Pyrene	ug/kg	40600	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ

COMPARISON FLAGS:

A – Detected sample value is greater than the screening criterion.

– Detected sample value does not exceed the screening criterion.

~ – Detected sample value has no screening criterion.

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish	FSF-ECO-02-PD 11/7/2001 Inga'sPond			FSF-ECO-02-ST 11/6/2001 SW-02			FSF-ECO-06-ST 11/6/2001 SW-06			FSF-ECO-10-PDA 11/7/2001 I-90 Pond			FSF-ECO-10-PDB 11/7/2001 I-90 Pond		
Pest-fish	**Pesticide Organics**																	
72-54-8	4,4'-DDD	ug/kg	10	7.5	J	#	5	UJ		5	UJ		5	UJ		5	UJ	
72-55-9	4,4'-DDE	ug/kg	9	5	UJ		5	UJ		5	UJ		6.4	J	#	7.7	J	#
50-29-3	4,4'-DDT	ug/kg	9	5	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
309-00-2	Aldrin	ug/kg	0.19	2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
319-84-6	alpha-BHC	ug/kg	0.5	2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
5103-71-9	alpha-Chlordane	ug/kg	9	2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
319-85-7	beta-BHC	ug/kg	1.8	2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
319-86-8	delta-BHC	ug/kg	N/A	2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
60-57-1	Dieldrin	ug/kg	0.2	5	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
959-98-8	Endosulfan I	ug/kg	8100	2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
33213-65-9	Endosulfan II	ug/kg	N/A	5	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
1031-07-8	Endosulfan Sulfate	ug/kg	N/A	5	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
72-20-8	Endrin	ug/kg	400	5	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
7421-93-4	Endrin Aldehyde	ug/kg	N/A	5	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
53494-70-5	Endrin Ketone	ug/kg	N/A	5	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
58-89-9	gamma-BHC (Lindane)	ug/kg	2.4	2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
5566-34-7	gamma-Chlordane	ug/kg	N/A	2.5	UJ		2.5	UJ		2.5	UJ		2.8	J	~	2.5	UJ	
76-44-8	Heptachlor	ug/kg	0.7	2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
1024-57-3	Heptachlor Epoxide	ug/kg	0.3	2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
72-43-5	Methoxychlor	ug/kg	6800	25	UJ		25	UJ		25	UJ		25	UJ		25	UJ	
8001-35-2	Toxphene	ug/kg	3	250	UJ		250	UJ		250	UJ		250	UJ		250	UJ	
PCBs-fish	**PCBs**																	
12674-11-2	Aroclor-1016	ug/kg	45	50	UJ		50	UJ		50	UJ		50	UJ		50	UJ	
11104-28-2	Aroclor-1221	ug/kg	2	50	UJ		50	UJ		50	UJ		50	UJ		50	UJ	
11141-16-5	Aroclor-1232	ug/kg	2	50	UJ		50	UJ		50	UJ		50	UJ		50	UJ	
53469-21-9	Aroclor-1242	ug/kg	2	50	UJ		50	UJ		50	UJ		50	UJ		50	UJ	
12672-29-6	Aroclor-1248	ug/kg	2	50	UJ		50	UJ		50	UJ		50	UJ		78	J	A
11097-69-1	Aroclor-1254	ug/kg	2	50	UJ		78		A	88	J	A	91	J	A	130	J	A
11096-82-5	Aroclor-1260	ug/kg	2	50	UJ		60		A	100	J	A	99	J	A	180	J	A

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish				FSF-ECO-02-PD 11/7/2001 Inga'sPond			FSF-ECO-02-ST 11/6/2001 SW-02			FSF-ECO-06-ST 11/6/2001 SW-06			FSF-ECO-10-PDA 11/7/2001 I-90 Pond			FSF-ECO-10-PDB 11/7/2001 I-90 Pond		
Inorg-fish	**Inorganic Analytes**																				
7429-90-5	Aluminum	mg/kg	1352				19	U		18	U		19	U		19	U		19	U	
7440-36-0	Antimony	mg/kg	0.5				0.97	U		0.9	U		0.94	U		0.94	U		0.93	U	
7440-38-2	Arsenic	mg/kg	0.002				0.97	U		0.9	U		0.94	U		0.94	U		0.93	U	
7440-39-3	Barium	mg/kg	95				2.5		#	1.4		#	1.7		#	1.3		#	1.2		#
7440-41-7	Beryllium	mg/kg	2.7				0.097	U		0.09	U		0.094	U		0.094	U		0.094		#
7440-43-9	Cadmium	mg/kg	1.4				0.097	U		0.09	U		0.094	U		0.094	U		0.093	U	
7440-70-2	Calcium	mg/kg	N/A				12000		~	7100		~	12000		~	11000	J	~	12000		~
7440-47-3	Chromium	mg/kg	2028				0.29	U		0.27	U		0.28	U		0.28	U		0.28	U	
7440-48-4	Cobalt	mg/kg	27				0.49	U		0.45	U		0.47	U		0.47	U		0.47	U	
7440-50-8	Copper	mg/kg	54				1.4		#	1.5	J	#	2.1		#	0.94	U		1		#
7439-89-6	Iron	mg/kg	406				63		#	49		#	38		#	27		#	46		#
7439-92-1	Lead	mg/kg	N/A				0.49	U		0.45	U		0.47	U		0.47	U		0.47	U	
7439-95-4	Magnesium	mg/kg	N/A				350		~	280		~	350		~	340		~	360		~
7439-96-5	Manganese	mg/kg	189				4.6		#	14		#	18		#	5.4		#	6.7		#
7439-97-6	Mercury	mg/kg	0.1				0.033	U		0.05		#	0.13		A	0.036		#	0.038		#
7440-02-0	Nickel	mg/kg	27				0.49	U		0.45	U		0.5		#	0.47	U		0.67		#
7440-09-7	Potassium	mg/kg	N/A				2300		~	2400		~	2100		~	2300	N	~	2200		~
7782-49-2	Selenium	mg/kg	6.8				0.97	U		0.9	U		0.94	U		0.94	U		0.93	U	
7440-22-4	Silver	mg/kg	6.8				0.43	U		0.45	U		0.45	U		0.47	U		0.44	U	
7440-23-5	Sodium	mg/kg	N/A				970		~	760		~	880		~	790		~	1000		~
7440-28-0	Thallium	mg/kg	0.09				0.97	U		0.9	U		0.94	U		0.94	U		0.93	U	
7440-62-2	Vanadium	mg/kg	9.5				0.49	U		0.45	U		0.47	U		0.47	U		0.47	U	
7440-66-6	Zinc	mg/kg	406				59		#	17		#	19		#	20		#	18		#
Lipid-fish	**Fish Lipids**																				
LIPID	Lipids	%	N/A				2.71		~	1.68		~	1.58		~	3.97		~	3.36		~

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish	FSF-ECO-02-PD 11/7/2001 Inga'sPond		FSF-ECO-02-ST 11/6/2001 SW-02		FSF-ECO-06-ST 11/6/2001 SW-06		FSF-ECO-10-PDA 11/7/2001 I-90 Pond		FSF-ECO-10-PDB 11/7/2001 I-90 Pond	
SW8260B	**Volatile Organics**												
71-55-6	1,1,1-Trichloroethane	ug/kg	379000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	100	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	60	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-34-3	1,1-Dichloroethane	ug/kg	135000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-35-4	1,1-Dichloroethene	ug/kg	5	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
107-06-2	1,2-Dichloroethane	ug/kg	30	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
540-59-0	1,2-Dichloroethene, total	ug/kg	N/A	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
78-87-5	1,2-Dichloropropane	ug/kg	50	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
78-93-3	2-Butanone	ug/kg	811000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
591-78-6	2-Hexanone	ug/kg	54100	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	110000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
67-64-1	Acetone	ug/kg	135000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
71-43-2	Benzene	ug/kg	60	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-27-4	Bromodichloromethane	ug/kg	50	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-25-2	Bromoform	ug/kg	400	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
74-83-9	Bromomethane	ug/kg	1900	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-15-0	Carbon Disulfide	ug/kg	135000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
56-23-5	Carbon Tetrachloride	ug/kg	20	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
108-90-7	Chlorobenzene	ug/kg	27000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
124-48-1	Dibromochloromethane	ug/kg	40	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-00-3	Chloroethane	ug/kg	1100	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
67-66-3	Chloroform	ug/kg	13500	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
74-87-3	Chloromethane	ug/kg	200	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	30	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
100-41-4	Ethylbenzene	ug/kg	135000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-09-2	Methylene Chloride	ug/kg	400	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
100-42-5	Styrene	ug/kg	270000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
127-18-4	Tetrachloroethene	ug/kg	60	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
108-88-3	Toluene	ug/kg	270000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	30	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
79-01-6	Trichloroethene	ug/kg	8	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-01-4	Vinyl Chloride	ug/kg	4	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
1330-20-7	Xylenes (total)	ug/kg	2704000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

304190

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish	FSS-HHR-02-PDA 11/7/2001 Inga'sPond	FSS-HHR-02-PDB 11/7/2001 Inga'sPond	FSS-HHR-02-ST 11/6/2001 SW-02	FSS-HHR-06-ST 11/6/2001 SW-06	FSS-HHR-10-PDA 11/7/2001 I-90 Pond
SW8270C-1	**SemiVolatile Organics - Page 1**							
120-82-1	1,2,4-Trichlorobenzene	ug/kg	13500	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	122000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	40600	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	100	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	135000	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	300	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
120-83-2	2,4-Dichlorophenol	ug/kg	4100	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
105-67-9	2,4-Dimethylphenol	ug/kg	27000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
51-28-5	2,4-Dinitrophenol	ug/kg	2700	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	2700	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	1400	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
91-58-7	2-Chloronaphthalene	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
95-57-8	2-Chlorophenol	ug/kg	6800	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
91-57-6	2-Methylnaphthalene	ug/kg	27000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
95-48-7	2-Methylphenol	ug/kg	67600	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
88-74-4	2-Nitroaniline	ug/kg	N/A	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
88-75-5	2-Nitrophenol	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	7	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
99-09-2	3-Nitrooaniline	ug/kg	N/A	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1400	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
106-47-8	p-Chloroaniline	ug/kg	5400	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
106-44-5	4-Methylphenol	ug/kg	6800	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
100-01-6	P-Nitroaniline	ug/kg	N/A	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
100-02-7	4-Nitrophenol	ug/kg	10800	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ
83-32-9	Acenaphthene	ug/kg	81100	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
208-96-8	Acenaphthylene	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
120-12-7	Anthracene	ug/kg	406000	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
56-55-3	Benzo(a)anthracene	ug/kg	4	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
50-32-8	Benzo(a)pyrene	ug/kg	0.4	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	4	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	40	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	670 UJ	670 UJ	670 UJ	670 UJ	670 UJ

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish	FSS-HHR-02-PDA 11/7/2001 Inga'sPond		FSS-HHR-02-PDB 11/7/2001 Inga'sPond		FSS-HHR-02-ST 11/6/2001 SW-02		FSS-HHR-06-ST 11/6/2001 SW-06		FSS-HHR-10-PDA 11/7/2001 I-90 Pond	
SW8270C-2	**SemiVolatile Organics - Page 2**												
111-44-4	bis(2-Chloroethyl)ether	ug/kg	3	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2.3	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
85-68-7	Benzyl butyl phthalate	ug/kg	270000	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
86-74-8	Carbazole	ug/kg	200	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
218-01-9	Chrysene	ug/kg	400	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
84-74-2	Di-n-butylphthalate	ug/kg	135000	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
117-84-0	Di-n-octylphthalate	ug/kg	27000	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
53-70-3	Dibenzo(a,h)anthracene	ug/kg	0.4	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
132-64-9	Dibenzofuran	ug/kg	5400	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
84-66-2	Diethyl phthalate	ug/kg	1081000	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
131-11-3	Dimethyl phthalate	ug/kg	13519000	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
206-44-0	Fluoranthene	ug/kg	54100	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
86-73-7	Fluorene	ug/kg	54100	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
118-74-1	Hexachlorobenzene	ug/kg	2	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
87-68-3	Hexachloro-1,3-butadiene	ug/kg	40	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	8100	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
67-72-1	Hexachloroethene	ug/kg	200	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	4	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
78-59-1	Isophorone	ug/kg	3300	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	0.5	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
86-30-6	N-Nitrosodiphenylamine	ug/kg	600	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
91-20-3	Naphthalene	ug/kg	27000	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
98-95-3	Nitrobenzene	ug/kg	700	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
87-86-5	Pentachlorophenol	ug/kg	30	1700	UJ	1700	UJ	1700	UJ	1700	UJ	1700	UJ
85-01-8	Phenanthrene	ug/kg	N/A	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
108-95-2	Phenol	ug/kg	811000	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ
129-00-0	Pyrene	ug/kg	40600	670	UJ	670	UJ	670	UJ	670	UJ	670	UJ

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

304192

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish	FSS-HHR-02-PDA 11/7/2001 Inga'sPond			FSS-HHR-02-PDB 11/7/2001 Inga'sPond			FSS-HHR-02-ST 11/6/2001 SW-02			FSS-HHR-06-ST 11/6/2001 SW-06			FSS-HHR-10-PDA 11/7/2001 I-90 Pond		
Pest-fish	**Pesticide Organics**																	
72-54-8	4,4'-DDD	ug/kg	10	12	UJ		5.1	J	#	5	UJ		5	UJ		5	UJ	
72-55-9	4,4'-DDE	ug/kg	9	18	J	A	9.7	J	A	5	UJ		5	UJ		5	UJ	
50-29-3	4,4'-DDT	ug/kg	9	12	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
309-00-2	Aldrin	ug/kg	0.19	6.4	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
319-84-6	alpha-BHC	ug/kg	0.5	6.2	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
5103-71-9	alpha-Chlordane	ug/kg	9	11	J	A	2.5	UJ		2.5	UJ		2.5	UJ		11	J	A
319-85-7	beta-BHC	ug/kg	1.8	6.2	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
319-86-8	delta-BHC	ug/kg	N/A	6.2	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
60-57-1	Dieldrin	ug/kg	0.2	12	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
959-98-8	Endosulfan I	ug/kg	8100	6.2	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
33213-65-9	Endosulfan II	ug/kg	N/A	12	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
1031-07-8	Endosulfan Sulfate	ug/kg	N/A	12	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
72-20-8	Endrin	ug/kg	400	12	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
7421-93-4	Endrin Aldehyde	ug/kg	N/A	12	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
53494-70-5	Endrin Ketone	ug/kg	N/A	12	UJ		5	UJ		5	UJ		5	UJ		5	UJ	
58-89-9	gamma-BHC (Lindane)	ug/kg	2.4	6.2	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
5566-34-7	gamma-Chlordane	ug/kg	N/A	6.2	UJ		2.5	UJ		2.5	UJ		2.5	UJ		5.7	J	~
76-44-8	Heptachlor	ug/kg	0.7	6.4	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
1024-57-3	Heptachlor Epoxide	ug/kg	0.3	6.4	UJ		2.5	UJ		2.5	UJ		2.5	UJ		2.5	UJ	
72-43-5	Methoxychlor	ug/kg	6800	62	UJ		25	UJ		25	UJ		25	UJ		25	UJ	
8001-35-2	Toxphene	ug/kg	3	630	UJ		250	UJ		250	UJ		250	UJ		250	UJ	
PCBs-fish	**PCBs**																	
12674-11-2	Aroclor-1016	ug/kg	45	130	UJ		50	UJ		50	UJ		50	UJ		50	UJ	
11104-28-2	Aroclor-1221	ug/kg	2	130	UJ		50	UJ		50	UJ		50	UJ		50	UJ	
11141-16-5	Aroclor-1232	ug/kg	2	130	UJ		50	UJ		50	UJ		50	UJ		50	UJ	
53469-21-9	Aroclor-1242	ug/kg	2	130	UJ		50	UJ		50	UJ		50	UJ		50	UJ	
12672-29-6	Aroclor-1248	ug/kg	2	130	UJ		50	UJ		50	UJ		50	UJ		64	J	A
11097-69-1	Aroclor-1254	ug/kg	2	130	UJ		58	J	A	80	J	A	77	J	A	86	J	A
11096-82-5	Aroclor-1260	ug/kg	2	180	J	A	50	UJ		50	UJ		84	J	A	98	J	A

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish			FSS-HHR-02-PDA 11/7/2001 Inga'sPond			FSS-HHR-02-PDB 11/7/2001 Inga'sPond			FSS-HHR-02-ST 11/6/2001 SW-02			FSS-HHR-06-ST 11/6/2001 SW-06			FSS-HHR-10-PDA 11/7/2001 I-90 Pond		
Inorg-fish	**Inorganic Analytes**																			
7429-90-5	Aluminum	mg/kg	1352			18	U		19	U		18	U		19	U		17	U	
7440-36-0	Antimony	mg/kg	0.5			0.9	U		0.96	U		0.91	U		0.94	U		0.86	U	
7440-38-2	Arsenic	mg/kg	0.002			0.9	U		0.96	U		0.91	U		0.94	U		0.86	U	
7440-39-3	Barium	mg/kg	95			1.7		#	1.4		#	0.9		#	0.94		#	1.4		#
7440-41-7	Beryllium	mg/kg	2.7			0.09	U		0.096	U		0.091	U		0.094	U		0.086	U	
7440-43-9	Cadmium	mg/kg	1.4			0.09	U		0.096	U		0.091	U		0.094	U		0.086	U	
7440-70-2	Calcium	mg/kg	N/A			11000		~	8800		~	9300	J	~	6100		~	7000		~
7440-47-3	Chromium	mg/kg	2028			0.27	U		0.29		#	0.27	U		0.28	U		0.26	U	
7440-48-4	Cobalt	mg/kg	27			0.45	U		0.48	U		0.45	U		0.47	U		0.43	U	
7440-50-8	Copper	mg/kg	54			1.9		#	2.5		#	1.1		#	3.4		#	0.92		#
7439-89-6	Iron	mg/kg	406			70		#	30		#	21		#	33		#	56		#
7439-92-1	Lead	mg/kg	N/A			0.45	U		0.48	U		0.45	U		0.47	U		0.43	U	
7439-95-4	Magnesium	mg/kg	N/A			330		~	300		~	320		~	310		~	270		~
7439-96-5	Manganese	mg/kg	189			6		#	6.2		#	13		#	7.4		#	3.9		#
7439-97-6	Mercury	mg/kg	0.1			0.054		#	0.06		#	0.045		#	0.22		A	0.033	U	
7440-02-0	Nickel	mg/kg	27			0.45	U		0.48	U		0.45	U		0.68		#	0.43	U	
7440-09-7	Potassium	mg/kg	N/A			2100		~	2200		~	2500		~	2100		~	2200		~
7782-49-2	Selenium	mg/kg	6.8			0.9	U		0.96	U		0.91	U		0.94	U		0.86	U	
7440-22-4	Silver	mg/kg	6.8			0.43	U		0.43	U		0.48	U		0.45	U		0.49	U	
7440-23-5	Sodium	mg/kg	N/A			950		~	950		~	750		~	580		~	760		~
7440-28-0	Thallium	mg/kg	0.09			0.9	U		0.96	U		0.91	U		0.94	U		0.86	U	
7440-62-2	Vanadium	mg/kg	9.5			0.45	U		0.48	U		0.45	U		0.47	U		0.43	U	
7440-66-6	Zinc	mg/kg	406			16		#	67		#	15		#	14		#	36		#
Lipid-fish	**Fish Lipids**																			
LIPID	Lipids	%	N/A			1.92		~	2.51		~	2.06		~	1.04		~	3.61		~

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

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Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish	FSS-HHR-02-PDA 11/7/2001 Inga'sPond		FSS-HHR-02-PDB 11/7/2001 Inga'sPond		FSS-HHR-02-ST 11/6/2001 SW-02		FSS-HHR-06-ST 11/6/2001 SW-06		FSS-HHR-10-PDA 11/7/2001 I-90 Pond	
SW8260B	**Volatile Organics**												
71-55-6	1,1,1-Trichloroethane	ug/kg	379000	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	100	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
79-00-5	1,1,2-Trichloroethane	ug/kg	60	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-34-3	1,1-Dichloroethane	ug/kg	135000	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-35-4	1,1-Dichloroethene	ug/kg	5	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
107-06-2	1,2-Dichloroethane	ug/kg	30	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
540-59-0	1,2-Dichloroethene, total	ug/kg	N/A	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
78-87-5	1,2-Dichloropropane	ug/kg	50	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
78-93-3	2-Butanone	ug/kg	811000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
591-78-6	2-Hexanone	ug/kg	54100	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
108-10-1	4-Methyl-2-pentanone	ug/kg	110000	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
67-64-1	Acetone	ug/kg	135000	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
71-43-2	Benzene	ug/kg	60	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-27-4	Bromodichloromethane	ug/kg	50	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-25-2	Bromoform	ug/kg	400	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
74-83-9	Bromomethane	ug/kg	1900	2500	UJ	2500	UJ	2500	UJ	2500	UJ	2500	UJ
75-15-0	Carbon Disulfide	ug/kg	135000	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
56-23-5	Carbon Tetrachloride	ug/kg	20	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
108-90-7	Chlorobenzene	ug/kg	27000	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
124-48-1	Dibromochloromethane	ug/kg	40	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-00-3	Chloroethane	ug/kg	1100	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
67-66-3	Chloroform	ug/kg	13500	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
74-87-3	Chloromethane	ug/kg	200	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
10061-01-5	cis-1,3-Dichloropropene	ug/kg	30	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
100-41-4	Ethylbenzene	ug/kg	135000	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-09-2	Methylene Chloride	ug/kg	400	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
100-42-5	Styrene	ug/kg	270000	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
127-18-4	Tetrachloroethene	ug/kg	60	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
108-88-3	Toluene	ug/kg	270000	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
10061-02-6	trans-1,3-Dichloropropene	ug/kg	30	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
79-01-6	Trichloroethene	ug/kg	8	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
75-01-4	Vinyl Chloride	ug/kg	4	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ
1330-20-7	Xylenes (total)	ug/kg	2704000	2500	UJ	2500	UNJ	2500	UJ	2500	UJ	2500	UJ

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

Cas Rn	Chemical Name	Sample Code / Sample Date / Unit \\ Location	Combined Screening Criteria for Fish	FSS-HHR-10-PDB 11/7/2001 I-90 Pond	
SW8270C-1	**SemiVolatile Organics - Page 1**				
120-82-1	1,2,4-Trichlorobenzene	ug/kg	13500	670	UJ
95-50-1	1,2-Dichlorobenzene	ug/kg	122000	670	UJ
541-73-1	1,3-Dichlorobenzene	ug/kg	40600	670	UJ
106-46-7	1,4-Dichlorobenzene	ug/kg	100	670	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	N/A	670	UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	135000	1700	UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	300	670	UJ
120-83-2	2,4-Dichlorophenol	ug/kg	4100	670	UJ
105-67-9	2,4-Dimethylphenol	ug/kg	27000	670	UNJ
51-28-5	2,4-Dinitrophenol	ug/kg	2700	1700	UJ
121-14-2	2,4-Dinitrotoluene	ug/kg	2700	670	UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	1400	670	UJ
91-58-7	2-Chloronaphthalene	ug/kg	N/A	670	UNJ
95-57-8	2-Chlorophenol	ug/kg	6800	670	UJ
91-57-6	2-Methylnaphthalene	ug/kg	27000	670	UJ
95-48-7	2-Methylphenol	ug/kg	67600	670	UJ
88-74-4	2-Nitroaniline	ug/kg	N/A	1700	UJ
88-75-5	2-Nitrophenol	ug/kg	N/A	670	UJ
91-94-1	3,3`-Dichlorobenzidine	ug/kg	7	670	UNJ
99-09-2	3-Nitrooaniline	ug/kg	N/A	1700	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1400	1700	UJ
101-55-3	4-Bromophenyl phenyl ether	ug/kg	N/A	670	UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	N/A	670	UJ
106-47-8	p-Chloroaniline	ug/kg	5400	670	UNJ
7005-72-3	4-Chlorophenyl phenyl ether	ug/kg	N/A	670	UJ
106-44-5	4-Methylphenol	ug/kg	6800	670	UJ
100-01-6	P-Nitroaniline	ug/kg	N/A	1700	UJ
100-02-7	4-Nitrophenol	ug/kg	10800	1700	UJ
83-32-9	Acenaphthene	ug/kg	81100	670	UJ
208-96-8	Acenaphthylene	ug/kg	N/A	670	UJ
120-12-7	Anthracene	ug/kg	406000	670	UJ
56-55-3	Benzo(a)anthracene	ug/kg	4	670	UJ
50-32-8	Benzo(a)pyrene	ug/kg	0.4	670	UJ
205-99-2	Benzo(b)fluoranthene	ug/kg	4	670	UNJ
191-24-2	Benzo(g,h,i)perylene	ug/kg	N/A	670	UJ
207-08-9	Benzo(k)fluoranthene	ug/kg	40	670	UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	N/A	670	UJ

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Fish			FSS-HHR-10-PDB 11/7/2001 I-90 Pond		
SW8270C-2	**SemiVolatile Organics - Page 2**							
111-44-4	bis(2-Chloroethyl)ether	ug/kg	3			670	UJ	
117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	2.3			670	UJ	
85-68-7	Benzyl butyl phthalate	ug/kg	270000			670	UJ	
86-74-8	Carbazole	ug/kg	200			670	UJ	
218-01-9	Chrysene	ug/kg	400			670	UJ	
84-74-2	Di-n-butylphthalate	ug/kg	135000			670	UJ	
117-84-0	Di-n-octylphthalate	ug/kg	27000			670	UJ	
53-70-3	Dibenzo(a,h)anthracene	ug/kg	0.4			670	UJ	
132-64-9	Dibenzofuran	ug/kg	5400			670	UJ	
84-66-2	Diethyl phthalate	ug/kg	1081000			670	UJ	
131-11-3	Dimethyl phthalate	ug/kg	13519000			670	UJ	
206-44-0	Fluoranthene	ug/kg	54100			670	UJ	
86-73-7	Fluorene	ug/kg	54100			670	UJ	
118-74-1	Hexachlorobenzene	ug/kg	2			670	UJ	
87-68-3	Hexachloro-1,3-butadiene	ug/kg	40			670	UJ	
77-47-4	Hexachlorocyclopentadiene	ug/kg	8100			670	UJ	
67-72-1	Hexachloroethene	ug/kg	200			670	UJ	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	4			670	UJ	
78-59-1	Isophorone	ug/kg	3300			670	UJ	
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	0.5			670	UJ	
86-30-6	N-Nitrosodiphenylamine	ug/kg	600			670	UJ	
91-20-3	Naphthalene	ug/kg	27000			670	UJ	
98-95-3	Nitrobenzene	ug/kg	700			670	UJ	
87-86-5	Pentachlorophenol	ug/kg	30			1700	UJ	
85-01-8	Phenanthrene	ug/kg	N/A			670	UJ	
108-95-2	Phenol	ug/kg	811000			670	UJ	
129-00-0	Pyrene	ug/kg	40600			670	UJ	

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.
-- Detected sample value does not exceed the screening criterion.
~ -- Detected sample value has no screening criterion.

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Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Fish			FSS-HHR-10-PDB 11/7/2001 I-90 Pond		
Pest-fish	**Pesticide Organics**							
72-54-8	4,4'-DDD	ug/kg	10			5	U	
72-55-9	4,4'-DDE	ug/kg	9			15		A
50-29-3	4,4'-DDT	ug/kg	9			5	U	
309-00-2	Aldrin	ug/kg	0.19			2.5	U	
319-84-6	alpha-BHC	ug/kg	0.5			2.5	U	
5103-71-9	alpha-Chlordane	ug/kg	9			9	P	#
319-85-7	beta-BHC	ug/kg	1.8			2.5	U	
319-86-8	delta-BHC	ug/kg	N/A			2.5	U	
60-57-1	Dieldrin	ug/kg	0.2			5	U	
959-98-8	Endosulfan I	ug/kg	8100			2.5	U	
33213-65-9	Endosulfan II	ug/kg	N/A			5	U	
1031-07-8	Endosulfan Sulfate	ug/kg	N/A			5	U	
72-20-8	Endrin	ug/kg	400			5	U	
7421-93-4	Endrin Aldehyde	ug/kg	N/A			5	U	
53494-70-5	Endrin Ketone	ug/kg	N/A			5	U	
58-89-9	gamma-BHC (Lindane)	ug/kg	2.4			2.5	U	
5566-34-7	gamma-Chlordane	ug/kg	N/A			4		~
76-44-8	Heptachlor	ug/kg	0.7			2.5	U	
1024-57-3	Heptachlor Epoxide	ug/kg	0.3			2.5	U	
72-43-5	Methoxychlor	ug/kg	6800			25	U	
8001-35-2	Toxphene	ug/kg	3			250	U	
PCBs-fish	**PCBs**							
12674-11-2	Aroclor-1016	ug/kg	45			50	UJ	
11104-28-2	Aroclor-1221	ug/kg	2			50	UJ	
11141-16-5	Aroclor-1232	ug/kg	2			50	UJ	
53469-21-9	Aroclor-1242	ug/kg	2			50	UJ	
12672-29-6	Aroclor-1248	ug/kg	2			50	UJ	
11097-69-1	Aroclor-1254	ug/kg	2			120	J	A
11096-82-5	Aroclor-1260	ug/kg	2			410	J	A

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

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Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Fish			FSS-HHR-10-PDB 11/7/2001 I-90 Pond		
Inorg-fish	**Inorganic Analytes**							
7429-90-5	Aluminum	mg/kg	1352			18	U	
7440-36-0	Antimony	mg/kg	0.5			0.88	U	
7440-38-2	Arsenic	mg/kg	0.002			0.88	U	
7440-39-3	Barium	mg/kg	95			0.68		#
7440-41-7	Beryllium	mg/kg	2.7			0.088	U	
7440-43-9	Cadmium	mg/kg	1.4			0.088	U	
7440-70-2	Calcium	mg/kg	N/A			8800		~
7440-47-3	Chromium	mg/kg	2028			0.27	U	
7440-48-4	Cobalt	mg/kg	27			0.44	U	
7440-50-8	Copper	mg/kg	54			2.7		#
7439-89-6	Iron	mg/kg	406			27		#
7439-92-1	Lead	mg/kg	N/A			0.44	U	
7439-95-4	Magnesium	mg/kg	N/A			280		~
7439-96-5	Manganese	mg/kg	189			2.5		#
7439-97-6	Mercury	mg/kg	0.1			0.11		A
7440-02-0	Nickel	mg/kg	27			0.44	U	
7440-09-7	Potassium	mg/kg	N/A			2200		~
7782-49-2	Selenium	mg/kg	6.8			0.88	U	
7440-22-4	Silver	mg/kg	6.8			0.44	U	
7440-23-5	Sodium	mg/kg	N/A			890		~
7440-28-0	Thallium	mg/kg	0.09			0.88	U	
7440-62-2	Vanadium	mg/kg	9.5			0.44	U	
7440-66-6	Zinc	mg/kg	406			15		#
Lipid-fish	**Fish Lipids**							
LIPID	Lipids	%	N/A			4.62		~

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

304199

Cas Rn	Chemical Name	Sample Code Sample Date Unit \\ Location	Combined Screening Criteria for Fish			FSS-HHR-10-PDB 11/7/2001 I-90 Pond		
SW8260B	**Volatile Organics**							
71-55-6	1,1,1-Trichloroethane	ug/kg	379000			2500	UJ	
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	100			2500	UJ	
79-00-5	1,1,2-Trichloroethane	ug/kg	60			2500	UJ	
75-34-3	1,1-Dichloroethane	ug/kg	135000			2500	UJ	
75-35-4	1,1-Dichloroethene	ug/kg	5			2500	UJ	
107-06-2	1,2-Dichloroethane	ug/kg	30			2500	UJ	
540-59-0	1,2-Dichloroethene, total	ug/kg	N/A			2500	UJ	
78-87-5	1,2-Dichloropropane	ug/kg	50			2500	UJ	
78-93-3	2-Butanone	ug/kg	811000			2500	UJ	
591-78-6	2-Hexanone	ug/kg	54100			2500	UJ	
108-10-1	4-Methyl-2-pentanone	ug/kg	110000			2500	UJ	
67-64-1	Acetone	ug/kg	135000			2500	UJ	
71-43-2	Benzene	ug/kg	60			2500	UJ	
75-27-4	Bromodichloromethane	ug/kg	50			2500	UJ	
75-25-2	Bromoform	ug/kg	400			2500	UJ	
74-83-9	Bromomethane	ug/kg	1900			2500	UJ	
75-15-0	Carbon Disulfide	ug/kg	135000			2500	UJ	
56-23-5	Carbon Tetrachloride	ug/kg	20			2500	UJ	
108-90-7	Chlorobenzene	ug/kg	27000			2500	UJ	
124-48-1	Dibromochloromethane	ug/kg	40			2500	UJ	
75-00-3	Chloroethane	ug/kg	1100			2500	UJ	
67-66-3	Chloroform	ug/kg	13500			2500	UJ	
74-87-3	Chloromethane	ug/kg	200			2500	UJ	
10061-01-5	cis-1,3-Dichloropropene	ug/kg	30			2500	UJ	
100-41-4	Ethylbenzene	ug/kg	135000			2500	UJ	
75-09-2	Methylene Chloride	ug/kg	400			2500	UJ	
100-42-5	Styrene	ug/kg	270000			2500	UJ	
127-18-4	Tetrachloroethene	ug/kg	60			2500	UJ	
108-88-3	Toluene	ug/kg	270000			2500	UJ	
10061-02-6	trans-1,3-Dichloropropene	ug/kg	30			2500	UJ	
79-01-6	Trichloroethene	ug/kg	8			2500	UJ	
75-01-4	Vinyl Chloride	ug/kg	4			2500	UJ	
1330-20-7	Xylenes (total)	ug/kg	2704000			2500	UJ	

COMPARISON FLAGS:

A -- Detected sample value is greater than the screening criterion.

-- Detected sample value does not exceed the screening criterion.

~ -- Detected sample value has no screening criterion.

304200

Appendix L

304201

Appendix L

Data Summary Tables

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits / # Samples	Range of Detection Limits
	Low Detection Limit Volatile Organics						
67-64-1	Acetone	2.8 J	8.8	ug/l	GWM-5D-R2-hi	3 / 20	5 - 5
75-27-4	Bromodichloromethane	0.34 J	0.34 J	ug/l	GWM-7S-R2	1 / 20	0.5 - 0.5
75-15-0	Carbon Disulfide	0.12 J	0.8	ug/l	GWM-5D-R1-hi	2 / 20	0.5 - 0.5
56-23-5	Carbon Tetrachloride	0.12 J	0.12 J	ug/l	GWM-OW2-R2	2 / 20	0.5 - 0.5
67-66-3	Chloroform	0.3 J	1.2	ug/l	GWM-7S-R2	8 / 20	0.5 - 0.5
75-71-8	Dichlorodifluoromethane	2.8	3	ug/l	GWM-OW2-R1	2 / 20	0.5 - 0.5
156-60-5	trans-1,2-Dichloroethene	0.3 J	0.3 J	ug/l	GWM-7S-R2	1 / 20	0.5 - 0.5
78-87-5	1,2-Dichloropropane	0.14 J	0.14 J	ug/l	GWM-OW4-R2	1 / 20	0.5 - 0.5
127-18-4	Tetrachloroethene	0.37 J	0.43 J	ug/l	GWM-OW2-R2	2 / 20	0.5 - 0.5
108-88-3	Toluene	0.056 J	0.11 J	ug/l	GWM-OW2-R2	2 / 20	0.5 - 0.5
75-69-4	Trichlorofluoromethane	0.17 J	0.19 J	ug/l	GWM-OW1-R2	2 / 20	0.5 - 0.5
1330-20-7	Xylenes (total)	0.36 J	0.36 J	ug/l	GWM-OW2-R2	1 / 20	0.5 - 0.5
	Semi-Volatile Organics						
105-60-2	Caprolactam	0.7 J	0.8 J	ug/l	GWM-OW2-R2	2 / 20	10 - 11
	Pesticides/PCBs						
60-57-1	Dieldrin	0.0012 J	0.0017 J	ug/l	GWM-OW1-R2	2 / 20	0.1 - 0.1
5103-71-9	alpha-Chlordane	0.0021 J	0.0021 J	ug/l	GWM-5D-R2-hi	1 / 20	0.05 - 0.05
5103-74-2	gamma-Chlordane	0.0068 J	0.012 J	ug/l	GWM-2D-R2	4 / 20	0.05 - 0.05

304203

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits / # Samples	Range of Detection Limits
	Metals						
7429-90-5	Aluminum	73.4 B	18800	ug/l	GWM-OW3-R2	20 / 20	0 - 0
7440-36-0	Antimony	2.2 B	3.4 B	ug/l	GWM-OW2-R2	2 / 20	1.5 - 3.1
7440-38-2	Arsenic	1.8 B	19.2	ug/l	GWM-OW3-R2	13 / 20	1.7 - 1.8
7440-39-3	Barium	22.7 B	193 B	ug/l	GWM-7D-R1	20 / 20	0 - 0
7440-41-7	Beryllium	0.38 B	1.2 B	ug/l	GWM-OW3-R2	2 / 20	0.2 - 0.3
7440-43-9	Cadmium	0.4 B	1.3 B	ug/l	GWM-OW3-R2	3 / 20	0.3 - 0.4
7440-70-2	Calcium	14200	282000	ug/l	GWM-OW3-R2	20 / 20	0 - 0
7440-47-3	Chromium	0.72 B	30.4	ug/l	GWM-6D-R2	17 / 20	0.5 - 0.9
7440-48-4	Cobalt	1.2 B	39.6 B	ug/l	GWM-OW3-R2	9 / 20	1 - 2
7440-50-8	Copper	1.9 B	99.7	ug/l	GWM-OW3-R2	17 / 20	1.5 - 1.8
7439-89-6	Iron	62.4 B	60500 J	ug/l	GWM-OW3-R2	20 / 20	0 - 0
7439-92-1	Lead	1.7 B	25.5	ug/l	GWM-OW3-R2	6 / 20	1.6 - 1.9
7439-95-4	Magnesium	4520 B	83000	ug/l	GWM-OW3-R2	20 / 20	0 - 0
7439-96-5	Manganese	18.2	45800	ug/l	GWM-OW3-R2	20 / 20	0 - 0
7439-97-6	Mercury	0.1 B	22.9	ug/l	GWM-5D-R1-hi	7 / 20	0.1 - 0.1
7440-02-0	Nickel	1.1 B	55.3	ug/l	GWM-OW3-R2	18 / 20	0.9 - 1
7440-09-7	Potassium	666 B	61800 J	ug/l	GWM-OW2-R2	20 / 20	0 - 0
7782-49-2	Selenium	4.6 B	15.4	ug/l	GWM-OW3-R2	4 / 20	1.9 - 2.5
7440-22-4	Silver	0.54 B	4.3 B	ug/l	GWM-OW3-R1	6 / 20	0.5 - 1.1
7440-23-5	Sodium	6740	271000 J	ug/l	GWM-7S-R1	20 / 20	0 - 0
7440-28-0	Thallium	37.2	37.2	ug/l	GWM-OW3-R2	1 / 20	3 - 4.3
7440-62-2	Vanadium	1.5 B	41.1 B	ug/l	GWM-OW3-R2	7 / 20	1.1 - 1.7
7440-66-6	Zinc	9.7 B	260	ug/l	GWM-OW3-R2	7 / 20	4.6 - 8.5

Samples in the group:

GWM-1D-R1	GWM-7S-R1
GWM-1D-R2	GWM-7S-R2
GWM-2D-R1	GWM-OW1-R1
GWM-2D-R2	GWM-OW1-R2
GWM-5D-R1-hi	GWM-OW2-R1
GWM-5D-R2-hi	GWM-OW2-R2
GWM-6D-R1	GWM-OW3-R1
GWM-6D-R2	GWM-OW3-R2
GWM-7D-R1	GWM-OW4-R1
GWM-7D-R2	GWM-OW4-R2

304204

Mercury Refining Site
Surface Water Sample Results
Data Summary Table

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits	Detection Frequency # Samples	Range of Detection Limits
	Volatile Organics							
1634-04-4	Methyl Tert-Butyl Ether	1 J	1 J	ug/l	SWS-09	4	14	10 - 20
	Semi-Volatile Organics							
117-81-7	bis(2-Ethylhexyl)phthalate	2 J	2 J	ug/l	SWS-03-hi	1	14	10 - 11
	Metals							
7429-90-5	Aluminum	25 B	145 BE	ug/l	SWS-11	14	14	0 - 0
7440-36-0	Antimony	4.1 B	4.1 B	ug/l	SWS-03-hi	1	14	3 - 3.6
7440-38-2	Arsenic	3.2 B	6.5 B	ug/l	SWS-03-hi	5	14	3 - 3.2
7440-39-3	Barium	73.2 B	139 B	ug/l	SWS-02	14	14	0 - 0
7440-41-7	Beryllium	0.74 B	1.4 B	ug/l	SWS-07	8	14	1 - 1
7440-43-9	Cadmium	2.3 B	2.3 B	ug/l	SWS-04	1	14	0.4 - 1
7440-70-2	Calcium	73600	108000	ug/l	SWS-02	14	14	0 - 0
7440-47-3	Chromium	1.3 B	1.3 B	ug/l	SWS-07	2	14	0.6 - 1
7440-48-4	Cobalt	2.1 B	2.3 B	ug/l	SWS-13	2	14	1.5 - 2
7440-50-8	Copper	2 B	55.9 EJ	ug/l	SWS-11	7	14	2 - 2
7439-89-6	Iron	304	2160	ug/l	SWS-12	10	10	0 - 0
7439-92-1	Lead	2.4 B	21.1 *J	ug/l	SWS-03-hi	5	14	2 - 2
7439-95-4	Magnesium	15300	17200	ug/l	SWS-08	14	14	0 - 0
7439-96-5	Manganese	157	349	ug/l	SWS-01	14	14	0 - 0
7440-02-0	Nickel	1.1 B	15.1 B	ug/l	SWS-05-hi	13	14	1 - 1
7440-09-7	Potassium	3670 B	6240 EJ	ug/l	SWS-02	14	14	0 - 0
7440-23-5	Sodium	141000 J	261000	ug/l	SWS-02	14	14	0 - 0
7440-28-0	Thallium	6.9 B	7.2 B	ug/l	SWS-03-hi	2	14	4 - 4.9
7440-62-2	Vanadium	1.3 B	1.4 B	ug/l	SWS-11	3	14	1 - 1
7440-66-6	Zinc	3.7 B	27.4 *	ug/l	SWS-03-hi	12	12	0 - 0
	Additional Mercury Analyses							
7439-97-6	Mercury	0.1	0.1	ug/l	SWS-11	1	3	0.1 - 0.1
22967-92-6	Methyl Mercury	0.2	0.86	ng/l	SWS-11	3	3	0 - 0

Samples in the group:

SWS-01	SWS-11
SWS-02	SWS-12
SWS-03-hi	SWS-13
SWS-04	SWS-14
SWS-05-hi	
SWS-06	
SWS-07	
SWS-08	
SWS-09	
SWS-10	

304205

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits	Detection Frequency # Samples	Range of Detection Limits
	Volatile Organics							
67-64-1	Acetone	58	650 J	ug/kg	SDS-04-0-6	7	26	10 - 56
75-15-0	Carbon Disulfide	1 J	34	ug/kg	SDX-06-10-12	15	26	10 - 32
79-20-9	Methyl Acetate	1 J	26	ug/kg	SDX-06-4-6	9	26	10 - 32
78-93-3	2-Butanone	2 J	17 J	ug/kg	SDS-11-0-6	9	26	10 - 15
108-10-1	4-Methyl-2-pentanone	1 J	5 J	ug/kg	SDX-06-0-2	6	26	10 - 32
108-88-3	Toluene	1 J	4 J	ug/kg	SDS-11-0-6	9	26	10 - 15
108-90-7	Chlorobenzene	13 J	13 J	ug/kg	SDS-13-0-6	1	26	10 - 32
75-25-2	Bromoform	1 J	2 J	ug/kg	SDX-06-2-4	6	26	10 - 32
106-46-7	1,4-Dichlorobenzene	1 J	4 J	ug/kg	SDS-11-0-6	2	26	10 - 16
95-50-1	1,2-Dichlorobenzene	4 J	4 J	ug/kg	SDS-11-0-6	2	26	10 - 16
	Semi-Volatile Organics							
100-52-7	Benzaldehyde	6 J	290 J	ug/kg	SDS-11-0-6	12	18	390 - 1000
108-95-2	Phenol	2000	2000	ug/kg	SDS-07-0-6	1	25	360 - 1000
95-57-8	2-Chlorophenol	2000	2000	ug/kg	SDS-07-0-6	1	25	360 - 1000
98-86-2	Acetophenone	61 J	61 J	ug/kg	SDX-03-2-4	1	25	360 - 1000
106-44-5	4-Methylphenol	44 J	44 J	ug/kg	SDX-03-2-4	1	25	360 - 1000
621-64-7	N-Nitroso-di-n-propylamine	1400	1400	ug/kg	SDS-07-0-6	1	25	360 - 1000
91-20-3	Naphthalene	10 J	150 J	ug/kg	SDS-14-0-6	6	25	360 - 1000
59-50-7	4-Chloro-3-methylphenol	1900	1900	ug/kg	SDS-07-0-6	1	25	360 - 1000
91-57-6	2-Methylnaphthalene	13 J	99 J	ug/kg	SDS-14-0-6	5	25	360 - 1000
92-52-4	1,1'-Biphenyl	31 J	68 J	ug/kg	SDS-13-0-6	2	25	360 - 1000
208-96-8	Acenaphthylene	11 J	41 J	ug/kg	SDX-06-10-12	7	25	360 - 1000
83-32-9	Acenaphthene	14 J	1400	ug/kg	SDS-07-0-6	16	25	400 - 830
100-02-7	4-Nitrophenol	2100	2100	ug/kg	SDS-07-0-6	1	25	900 - 2600
132-64-9	Dibenzofuran	11 J	210 J	ug/kg	SDS-14-0-6	10	25	360 - 1000
121-14-2	2,4-Dinitrotoluene	1400	1400	ug/kg	SDS-07-0-6	1	25	360 - 1000
86-73-7	Fluorene	14 J	340 J	ug/kg	SDS-14-0-6	14	25	360 - 480
87-86-5	Pentachlorophenol	970 J	970 J	ug/kg	SDS-07-0-6	1	25	900 - 2600
85-01-8	Phenanthrene	14 J	2300 J	ug/kg	SDS-10-0-6	25	26	430 - 430
120-12-7	Anthracene	29 J	490	ug/kg	SDX-03-0-2	20	25	420 - 480
86-74-8	Carbazole	12 J	420 J	ug/kg	SDS-14-0-6	18	25	380 - 480
84-74-2	Di-n-butylphthalate	48 J	110 J	ug/kg	SDX-03-6-8	3	26	360 - 1000
206-44-0	Fluoranthene	25 J	4000 D	ug/kg	SDS-14-0-6	26	26	0 - 0
129-00-0	Pyrene	19 J	4200 J	ug/kg	SDS-10-0-6	26	26	0 - 0
85-68-7	Benzyl butyl phthalate	13 J	290 J	ug/kg	SDS-02-0-6	5	25	360 - 1000
56-55-3	Benzo(a)anthracene	24 J	1800 J	ug/kg	SDS-10-0-6	24	26	420 - 430
218-01-9	Chrysene	31 J	2300 J	ug/kg	SDS-10-0-6	24	26	420 - 430
117-81-7	bis(2-Ethylhexyl)phthalate	63 J	6400 J	ug/kg	SDS-11-0-6	9	26	360 - 640
117-84-0	Di-n-octylphthalate	12 J	76 J	ug/kg	SDX-06-6-8	8	17	380 - 1000
205-99-2	Benzo(b)fluoranthene	27 J	2000 J	ug/kg	SDS-10-0-6	25	26	420 - 420
207-08-9	Benzo(k)fluoranthene	26 J	1600 J	ug/kg	SDS-10-0-6	25	26	420 - 420
50-32-8	Benzo(a)pyrene	19 J	1300 J	ug/kg	SDS-10-0-6	24	26	420 - 480
193-39-5	Indeno(1,2,3-cd)pyrene	16 J	1300 J	ug/kg	SDS-11-0-6	24	26	420 - 480
53-70-3	Dibenzo(a,h)anthracene	21 J	350 J	ug/kg	SDS-11-0-6	18	25	400 - 480
191-24-2	Benzo(g,h,i)perylene	49 J	630 J	ug/kg	SDS-14-0-6	17	25	380 - 480

304206

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits	Detection Frequency # Samples	Range of Detection Limits
	Pesticides/PCBs							
319-85-7	beta-BHC	6.5 J	7.5 NJ	ug/kg	SDS-13-0-6	2	25	1.8 - 8.5
76-44-8	Heptachlor	39 NJ	39 NJ	ug/kg	SDS-11-0-6	1	26	1.8 - 2.6
1024-57-3	Heptachlor Epoxide	2.9 NJ	2.9 NJ	ug/kg	SDS-10-0-6	1	26	1.8 - 8.5
959-98-8	Endosulfan I	26 J	26 J	ug/kg	SDS-11-0-6	1	26	1.8 - 2.6
60-57-1	Dieldrin	380 DJ	380 DJ	ug/kg	SDS-11-0-6	1	25	3.6 - 4.8
72-55-9	4,4'-DDE	61 J	61 J	ug/kg	SDS-11-0-6	1	26	3.6 - 5.1
72-20-8	Endrin	310 DJN	310 DJN	ug/kg	SDS-11-0-6	1	25	3.6 - 4.8
72-54-8	4,4'-DDD	5.1 J	5.4 J	ug/kg	SDS-12-0-6	2	25	3.6 - 5.1
1031-07-8	Endosulfan Sulfate	12 NJ	150 J	ug/kg	SDS-11-0-6	2	25	3.6 - 4.8
50-29-3	4,4'-DDT	4.7	9 NJ	ug/kg	SDS-10-0-6	2	26	3.6 - 17
53494-70-5	Endrin Ketone	4.4	180 DJ	ug/kg	SDS-11-0-6	3	26	3.6 - 5.1
7421-93-4	Endrin Aldehyde	7.6 NJ	220 DJ	ug/kg	SDS-11-0-6	3	26	3.6 - 5.1
5103-71-9	alpha-Chlordane	8.4 J	1100 DJ	ug/kg	SDS-11-0-6	2	26	1.8 - 2.5
5103-74-2	gamma-Chlordane	5.6 NJ	770 DJ	ug/kg	SDS-11-0-6	2	26	1.8 - 2.6
11097-69-1	Aroclor-1254	21 J	360	ug/kg	SDS-09-0-6	4	26	36 - 170
11096-82-5	Aroclor-1260	410	4400 J	ug/kg	SDS-11-0-6	2	26	36 - 51
	Metals							
7429-90-5	Aluminum	1800 J	7630 J	mg/kg	SDS-13-0-6	26	26	0 - 0
7440-36-0	Antimony	1.6 B	1.6 B	mg/kg	SDX-03-2-4	1	26	0.86 - 1.6
7440-38-2	Arsenic	1.8 B	13.4	mg/kg	SDS-13-0-6	25	26	1.1 - 1.1
7440-39-3	Barium	11 B	98.9 J	mg/kg	SDS-11-0-6	26	26	0 - 0
7440-41-7	Beryllium	0.25 B	0.92 B	mg/kg	SDX-06-0-2	26	26	0 - 0
7440-43-9	Cadmium	0.23 B	1.7 BJ	mg/kg	SDS-11-0-6	5	26	0.1 - 1.1
7440-70-2	Calcium	1010 B	52900	mg/kg	SDS-02-0-6	26	26	0 - 0
7440-47-3	Chromium	3.7	69.3 *J	mg/kg	SDS-11-0-6	26	26	0 - 0
7440-48-4	Cobalt	1.7 B	7.3 B	mg/kg	SDS-13-0-6	26	26	0 - 0
7440-50-8	Copper	6.2 J	133 J	mg/kg	SDS-11-0-6	26	26	0 - 0
7439-89-6	Iron	5830	22700	mg/kg	SDS-13-0-6	26	26	0 - 0
7439-92-1	Lead	3.5	297 J	mg/kg	SDS-11-0-6	26	26	0 - 0
7439-95-4	Magnesium	860 B	10700	mg/kg	SDS-02-0-6	26	26	0 - 0
7439-96-5	Manganese	87.8	800 J	mg/kg	SDS-14-0-6	26	26	0 - 0
7439-97-6	Mercury	0.06 B	9	mg/kg	SDX-03-2-4	24	26	0.06 - 0.07
7440-02-0	Nickel	3.6 B	19.4 EJ	mg/kg	SDS-11-0-6	26	26	0 - 0
7440-09-7	Potassium	125 B	675 BE	mg/kg	SDS-02-0-6	26	26	0 - 0
7782-49-2	Selenium	1.3 BJ	2.4 J	mg/kg	SDS-11-0-6	2	26	0.98 - 1.5
7440-22-4	Silver	0.29 BNJ	2.5 BNJ	mg/kg	SDS-11-0-6	5	26	0.21 - 0.59
7440-23-5	Sodium	98.8 B	430 BJ	mg/kg	SDS-12-0-6	26	26	0 - 0
7440-28-0	Thallium	1.2 B	2.6	mg/kg	SDX-06-4-6	4	26	1.2 - 2.3
7440-62-2	Vanadium	6.7 B	23.9 J	mg/kg	SDS-11-0-6	26	26	0 - 0
7440-66-6	Zinc	25.7 J	701 J	mg/kg	SDS-11-0-6	26	26	0 - 0
	Additional Mercury Analyses							
7439-97-6	Mercury	0.01	38.26	ug/g	SDX-03-2-4	26	26	0 - 0
22967-92-6	Methyl Mercury	0.13	12.61	ng/g	SDX-03-6-8	26	26	0 - 0

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits	Detection Frequency # Samples	Range of Detection Limits

Samples in the group:

SDS-01-0-6	SDS-11-0-6	SDX-06-0-2
SDS-02-0-6	SDS-12-0-6	SDX-06-10-12
SDS-03-0-6-hi	SDS-13-0-6	SDX-06-2-4
SDS-04-0-6	SDS-14-0-6	SDX-06-4-6
SDS-05-0-6-hi	SDX-03-0-2	SDX-06-6-8
SDS-06-0-6	SDX-03-10-12	SDX-06-8-10
SDS-07-0-6	SDX-03-2-4	
SDS-08-0-6	SDX-03-4-6	
SDS-09-0-6	SDX-03-6-8	
SDS-10-0-6	SDX-03-8-10	

Mercury Refining Site
Catch Basin Surface Water
Sample Results
Data Summary Table

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits / # Samples	Range of Detection Limits
	Semi-Volatile Organics						
100-52-7	Benzaldehyde	5 J	5 J	ug/l	SWC-03-hi	1 / 1	0 - 0
108-95-2	Phenol	210 D	210 D	ug/l	SWC-03-hi	1 / 6	10 - 10
95-48-7	2-Methylphenol	79	79	ug/l	SWC-03-hi	1 / 6	10 - 10
59-50-7	4-Chloro-3-methylphenol	13	13	ug/l	SWC-03-hi	1 / 6	10 - 10
84-74-2	Di-n-butylphthalate	1 J	1 J	ug/l	SWC-04	3 / 6	10 - 10
85-68-7	Benzyl butyl phthalate	1 J	1 J	ug/l	SWC-04	1 / 6	10 - 10
117-81-7	bis(2-Ethylhexyl)phthalate	3 J	6 J	ug/l	SWC-02	2 / 6	10 - 10
	Pesticides/PCBs						
319-85-7	beta-BHC	0.18 J	0.18 J	ug/l	SWC-03-hi	1 / 6	0.05 - 0.05
319-86-8	delta-BHC	0.056 NJ	0.056 NJ	ug/l	SWC-03-hi	1 / 6	0.05 - 0.05
58-89-9	gamma-BHC (Lindane)	0.06 NJ	0.06 NJ	ug/l	SWC-03-hi	1 / 6	0.05 - 0.05
	Metals						
7429-90-5	Aluminum	127 BE	951 EJ	ug/l	SWC-01	6 / 6	0 - 0
7440-36-0	Antimony	5.8 B	5.8 B	ug/l	SWC-05	1 / 6	3.6 - 3.6
7440-38-2	Arsenic	3.9 B	14.1	ug/l	SWC-05	5 / 6	3.2 - 3.2
7440-39-3	Barium	86.7 B	223	ug/l	SWC-06	6 / 6	0 - 0
7440-41-7	Beryllium	1.1 B	1.2 B	ug/l	SWC-03-hi	3 / 6	0.3 - 0.3
7440-43-9	Cadmium	0.46 B	4.9 B	ug/l	SWC-01	4 / 6	0.4 - 0.4
7440-70-2	Calcium	43100	144000	ug/l	SWC-06	6 / 6	0 - 0
7440-47-3	Chromium	1.3 B	5.4 B	ug/l	SWC-01	5 / 6	0.6 - 0.6
7440-48-4	Cobalt	1.6 B	1.8 B	ug/l	SWC-03-hi	2 / 6	1.5 - 1.5
7440-50-8	Copper	9 B	93 EJ	ug/l	SWC-01	6 / 6	0 - 0
7439-89-6	Iron	4170	53000	ug/l	SWC-03-hi	6 / 6	0 - 0
7439-92-1	Lead	2.8 BJ	29.8 *J	ug/l	SWC-01	6 / 6	0 - 0
7439-95-4	Magnesium	2180 B	22900	ug/l	SWC-06	6 / 6	0 - 0
7439-96-5	Manganese	144 *	1320	ug/l	SWC-03-hi	6 / 6	0 - 0
7439-97-6	Mercury	2.7	36.8	ug/l	SWC-01	6 / 6	0 - 0
7440-02-0	Nickel	11.9 B	28.4 B	ug/l	SWC-03-hi	6 / 6	0 - 0
7440-09-7	Potassium	22200 EJ	57400 EJ	ug/l	SWC-03-hi	6 / 6	0 - 0
7782-49-2	Selenium	6.8	6.8	ug/l	SWC-05	1 / 6	4.1 - 4.1
7440-22-4	Silver	1.1 B	43.5	ug/l	SWC-01	6 / 6	0 - 0
7440-23-5	Sodium	31300	226000	ug/l	SWC-06	6 / 6	0 - 0
7440-28-0	Thallium	5.7 BJ	9.1 BJ	ug/l	SWC-03-hi	4 / 6	4.9 - 4.9
7440-62-2	Vanadium	3.4 B	8.6 B	ug/l	SWC-03-hi	6 / 6	0 - 0
7440-66-6	Zinc	103	592	ug/l	SWC-03-hi	6 / 6	0 - 0
	Additional Mercury Analyses						
7439-97-6	Mercury	0.13	38.5	ug/l	SWC-01	6 / 6	0 - 0
22967-92-6	Methyl Mercury	4.59	158.3	ng/l	SWC-04	6 / 6	0 - 0

Samples in the group:

SWC-01	SWC-04
SWC-02	SWC-05
SWC-03-hi	SWC-06

304209

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits	Detection Frequency # Samples	Range of Detection Limits
	Volatile Organics							
75-15-0	Carbon Disulfide	9 J	9 J	ug/kg	SDC-01	1	1	0 - 0
78-93-3	2-Butanone	37	37	ug/kg	SDC-01	1	1	0 - 0
71-43-2	Benzene	10 J	10 J	ug/kg	SDC-01	1	1	0 - 0
108-88-3	Toluene	17 J	17 J	ug/kg	SDC-01	1	1	0 - 0
100-41-4	Ethylbenzene	41 J	41 J	ug/kg	SDC-01	1	1	0 - 0
1330-20-7	Xylenes (total)	130 J	130 J	ug/kg	SDC-01	1	1	0 - 0
98-82-8	Isopropylbenzene	8 J	8 J	ug/kg	SDC-01	1	1	0 - 0
	Semi-Volatile Organics							
100-52-7	Benzaldehyde	180 J	180 J	ug/kg	SDC-01	1	1	0 - 0
91-20-3	Naphthalene	200 J	200 J	ug/kg	SDC-01	1	1	0 - 0
105-60-2	Caprolactam	550 J	550 J	ug/kg	SDC-01	1	1	0 - 0
91-57-6	2-Methylnaphthalene	110 J	110 J	ug/kg	SDC-01	1	1	0 - 0
92-52-4	1,1'-Biphenyl	85 J	85 J	ug/kg	SDC-01	1	1	0 - 0
85-01-8	Phenanthrene	670 J	670 J	ug/kg	SDC-01	1	1	0 - 0
86-74-8	Carbazole	89 J	89 J	ug/kg	SDC-01	1	1	0 - 0
84-74-2	Di-n-butylphthalate	150 J	150 J	ug/kg	SDC-01	1	1	0 - 0
206-44-0	Fluoranthene	810 J	810 J	ug/kg	SDC-01	1	1	0 - 0
129-00-0	Pyrene	1200 J	1200 J	ug/kg	SDC-01	1	1	0 - 0
85-68-7	Benzyl butyl phthalate	150 J	150 J	ug/kg	SDC-01	1	1	0 - 0
56-55-3	Benzo(a)anthracene	460 J	460 J	ug/kg	SDC-01	1	1	0 - 0
218-01-9	Chrysene	810 J	810 J	ug/kg	SDC-01	1	1	0 - 0
117-81-7	bis(2-Ethylhexyl)phthalate	2900 J	2900 J	ug/kg	SDC-01	1	1	0 - 0
205-99-2	Benzo(b)fluoranthene	900 J	900 J	ug/kg	SDC-01	1	1	0 - 0
207-08-9	Benzo(k)fluoranthene	460 J	460 J	ug/kg	SDC-01	1	1	0 - 0
50-32-8	Benzo(a)pyrene	460 J	460 J	ug/kg	SDC-01	1	1	0 - 0
193-39-5	Indeno(1,2,3-cd)pyrene	410 J	410 J	ug/kg	SDC-01	1	1	0 - 0
53-70-3	Dibenzo(a,h)anthracene	120 J	120 J	ug/kg	SDC-01	1	1	0 - 0
191-24-2	Benzo(g,h,i)perylene	200 J	200 J	ug/kg	SDC-01	1	1	0 - 0
	Pesticides/PCBs							
319-84-6	alpha-BHC	6.4 J	6.4 J	ug/kg	SDC-01	1	1	0 - 0
309-00-2	Aldrin	23 J	23 J	ug/kg	SDC-01	1	1	0 - 0
1024-57-3	Heptachlor Epoxide	11 NJ	11 NJ	ug/kg	SDC-01	1	1	0 - 0
959-98-8	Endosulfan I	16 J	16 J	ug/kg	SDC-01	1	1	0 - 0
72-55-9	4,4'-DDE	39 J	39 J	ug/kg	SDC-01	1	1	0 - 0
72-20-8	Endrin	15 J	15 J	ug/kg	SDC-01	1	1	0 - 0
72-54-8	4,4'-DDD	28 J	28 J	ug/kg	SDC-01	1	1	0 - 0
53494-70-5	Endrin Ketone	140 DJ	140 DJ	ug/kg	SDC-01	1	1	0 - 0
7421-93-4	Endrin Aldehyde	130 DJ	130 DJ	ug/kg	SDC-01	1	1	0 - 0
5103-71-9	alpha-Chlordane	22 J	22 J	ug/kg	SDC-01	1	1	0 - 0

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits / # Samples	Range of Detection Limits
	Metals						
7429-90-5	Aluminum	2600 J	5670 J	mg/kg	SDC-01	2 / 2	0 - 0
7440-36-0	Antimony	34 BJ	34 BJ	mg/kg	SDC-01	1 / 2	2.9 - 2.9
7440-38-2	Arsenic	2.8 BJ	9 J	mg/kg	SDC-01	2 / 2	0 - 0
7440-39-3	Barium	129 BJ	162 J	mg/kg	SDC-01	2 / 2	0 - 0
7440-41-7	Beryllium	0.54 BJ	0.86 BJ	mg/kg	SDC-03	2 / 2	0 - 0
7440-43-9	Cadmium	1.6 BJ	47.4 J	mg/kg	SDC-01	2 / 2	0 - 0
7440-70-2	Calcium	6890 J	21400 J	mg/kg	SDC-01	2 / 2	0 - 0
7440-47-3	Chromium	12.6 J	86.4 *J	mg/kg	SDC-01	2 / 2	0 - 0
7440-48-4	Cobalt	9.2 BJ	9.2 BJ	mg/kg	SDC-01	1 / 2	1.2 - 1.2
7440-50-8	Copper	57.6 EJ	533 J	mg/kg	SDC-01	2 / 2	0 - 0
7439-89-6	Iron	6820 J	31200 J	mg/kg	SDC-01	2 / 2	0 - 0
7439-92-1	Lead	35.9 J	345 J	mg/kg	SDC-01	2 / 2	0 - 0
7439-95-4	Magnesium	2170 BJ	8300 J	mg/kg	SDC-01	2 / 2	0 - 0
7439-96-5	Manganese	537 J	537 J	mg/kg	SDC-01	1 / 1	0 - 0
7439-97-6	Mercury	152 J	152 J	mg/kg	SDC-01	1 / 1	0 - 0
7440-02-0	Nickel	13 BEJ	105 EJ	mg/kg	SDC-01	2 / 2	0 - 0
7440-09-7	Potassium	652 BEJ	1090 BEJ	mg/kg	SDC-01	2 / 2	0 - 0
7782-49-2	Selenium	4.6 J	4.6 J	mg/kg	SDC-01	1 / 2	3.3 - 3.3
7440-22-4	Silver	14.8 J	550 NJ	mg/kg	SDC-01	2 / 2	0 - 0
7440-23-5	Sodium	389 BJ	516 BJ	mg/kg	SDC-01	2 / 2	0 - 0
7440-28-0	Thallium	5.6 BJ	5.6 BJ	mg/kg	SDC-01	1 / 2	3.9 - 3.9
7440-62-2	Vanadium	15.5 BJ	24.1 BJ	mg/kg	SDC-01	2 / 2	0 - 0
7440-66-6	Zinc	1090 J	2490 J	mg/kg	SDC-01	2 / 2	0 - 0
	Additional Mercury Analyses						
7439-97-6	Mercury	12.24	218.86	ug/g	SDC-01	3 / 3	0 - 0
22967-92-6	Methyl Mercury	61.56	263.53	ng/g	SDC-01	3 / 3	0 - 0

Samples in the group:
SDC-01
SDC-03
SDC-06

304211

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits	Detection Frequency # Samples	Range of Detection Limits
	Volatile Organics							
74-87-3	Chloromethane	3 J	3 J	ug/kg	SSS-ECO-02-0-12	1	13	11 - 13
74-83-9	Bromomethane	2 J	2 J	ug/kg	SSS-ECO-03-0-12	2	13	11 - 13
75-69-4	Trichlorofluoromethane	2 J	6 J	ug/kg	SSS-HHR-08-0-2-hi	2	13	11 - 13
75-15-0	Carbon Disulfide	1 J	4 J	ug/kg	SSS-HHR-07-0-6	2	13	11 - 13
78-93-3	2-Butanone	3 J	9 J	ug/kg	SSS-HHR-07-0-2	9	13	11 - 12
108-10-1	4-Methyl-2-pentanone	2 J	9 J	ug/kg	SSS-HHR-06-0-2	3	13	11 - 13
	Semi-Volatile Organics							
100-52-7	Benzaldehyde	51 J	51 J	ug/kg	SSS-HHR-06-0-2	1	13	350 - 11000
108-95-2	Phenol	18 J	1400 J	ug/kg	SSS-HHR-04-0-2	7	13	360 - 390
98-86-2	Acetophenone	330 J	330 J	ug/kg	SSS-HHR-05-0-6	1	13	350 - 11000
105-60-2	Caprolactam	21 J	29 J	ug/kg	SSS-HHR-06-0-2	2	13	350 - 11000
91-57-6	2-Methylnaphthalene	12 J	20 J	ug/kg	SSS-ECO-02-0-12	2	13	350 - 11000
131-11-3	Dimethyl phthalate	12 J	12 J	ug/kg	SSS-HHR-07-0-6	1	13	350 - 11000
84-66-2	Diethyl phthalate	14 J	610	ug/kg	SSS-HHR-07-0-6	2	13	350 - 11000
85-01-8	Phenanthrene	11 J	900 J	ug/kg	SSS-HHR-04-0-2	13	13	0 - 0
120-12-7	Anthracene	10 J	10 J	ug/kg	SSS-HHR-07-0-2	1	13	350 - 11000
84-74-2	Di-n-butylphthalate	25 J	25 J	ug/kg	SSS-HHR-06-0-2	1	13	350 - 11000
206-44-0	Fluoranthene	20 J	2000 J	ug/kg	SSS-HHR-04-0-2	13	13	0 - 0
129-00-0	Pyrene	18 J	1700 J	ug/kg	SSS-HHR-04-0-2	13	13	0 - 0
85-68-7	Benzyl butyl phthalate	12 J	780 J	ug/kg	SSS-HHR-04-0-2	6	13	350 - 390
56-55-3	Benzo(a)anthracene	13 J	760 J	ug/kg	SSS-HHR-04-0-2	9	13	350 - 380
218-01-9	Chrysene	13 J	1200 J	ug/kg	SSS-HHR-04-0-2	13	13	0 - 0
117-81-7	bis(2-Ethylhexyl)phthalate	170 J	5000 J	ug/kg	SSS-HHR-04-0-2	7	13	350 - 1600
117-84-0	Di-n-octylphthalate	17 J	17 J	ug/kg	SSS-HHR-06-0-2	1	13	350 - 11000
205-99-2	Benzo(b)fluoranthene	17 J	1200 J	ug/kg	SSS-HHR-04-0-2	12	13	350 - 350
207-08-9	Benzo(k)fluoranthene	17 J	1200 J	ug/kg	SSS-HHR-04-0-2	8	13	350 - 380
50-32-8	Benzo(a)pyrene	10 J	970 J	ug/kg	SSS-HHR-04-0-2	13	13	0 - 0
193-39-5	Indeno(1,2,3-cd)pyrene	9 J	670 J	ug/kg	SSS-HHR-04-0-2	6	13	350 - 390
53-70-3	Dibenzo(a,h)anthracene	19 J	19 J	ug/kg	SSS-HHR-07-0-2	1	13	350 - 11000
	Pesticides/PCBs							
319-85-7	beta-BHC	5.1	6.2 J	ug/kg	SSS-HHR-08-0-6	2	13	1.8 - 2
72-55-9	4,4'-DDE	10	10	ug/kg	SSS-ECO-02-0-12	1	13	3.5 - 3.9
72-54-8	4,4'-DDD	3 J	4 J	ug/kg	SSS-HHR-08-0-6	2	13	3.5 - 3.9
50-29-3	4,4'-DDT	11	11	ug/kg	SSS-ECO-02-0-12	1	13	3.5 - 3.9
5103-74-2	gamma-Chlordane	2.3 J	3.5	ug/kg	SSS-HHR-06-0-2	2	13	1.8 - 2

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CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits / # Samples	Range of Detection Limits
	Metals						
7429-90-5	Aluminum	4080	7560	mg/kg	SSS-ECO-02-0-12	13 / 13	0 - 0
7440-36-0	Antimony	0.66 BJ	1.2 BJ	mg/kg	SSS-HHR-07-0-6	10 / 13	0.64 - 0.67
7440-38-2	Arsenic	1.9 B	6.9	mg/kg	SSS-HHR-08-0-2-hi	13 / 13	0 - 0
7440-39-3	Barium	15.7 B	38 B	mg/kg	SSS-HHR-08-0-2-hi	13 / 13	0 - 0
7440-41-7	Beryllium	0.31 B	0.55 B	mg/kg	SSS-HHR-08-0-6	13 / 13	0 - 0
7440-70-2	Calcium	1130 B	3470	mg/kg	SSS-HHR-07-0-2	13 / 13	0 - 0
7440-47-3	Chromium	5.1	9.7	mg/kg	SSS-HHR-08-0-2-hi	13 / 13	0 - 0
7440-48-4	Cobalt	3.2 B	5.4 B	mg/kg	SSS-HHR-08-0-2-hi	13 / 13	0 - 0
7440-50-8	Copper	12.1	98.5	mg/kg	SSS-HHR-07-0-6	13 / 13	0 - 0
7439-89-6	Iron	9630	18000	mg/kg	SSS-HHR-08-0-6	13 / 13	0 - 0
7439-92-1	Lead	12.6	86.1	mg/kg	SSS-HHR-07-0-6	13 / 13	0 - 0
7439-95-4	Magnesium	1400	2110	mg/kg	SSS-HHR-05-0-2	13 / 13	0 - 0
7439-96-5	Manganese	204 J	442 J	mg/kg	SSS-HHR-08-0-2-hi	13 / 13	0 - 0
7439-97-6	Mercury	0.24	1.3	mg/kg	SSS-HHR-07-0-2	13 / 13	0 - 0
7440-02-0	Nickel	6.5 B	10.6	mg/kg	SSS-HHR-05-0-2	13 / 13	0 - 0
7440-09-7	Potassium	534 B	1100 B	mg/kg	SSS-HHR-05-0-2	13 / 13	0 - 0
7440-22-4	Silver	0.27 B	0.27 B	mg/kg	SSS-HHR-07-0-2	1 / 13	0.21 - 0.24
7440-23-5	Sodium	323 BJ	406 BJ	mg/kg	SSS-HHR-04-0-6	13 / 13	0 - 0
7440-28-0	Thallium	1 B	1.9 B	mg/kg	SSS-HHR-08-0-2-hi	10 / 13	0.83 - 0.89
7440-62-2	Vanadium	10.3 B	18.3	mg/kg	SSS-HHR-08-0-2-hi	13 / 13	0 - 0
7440-66-6	Zinc	37.2	128	mg/kg	SSS-HHR-07-0-6	13 / 13	0 - 0
7440-23-5	Sodium	1100 J	2200 J	MEQ/kg	SSS-ECO-01-0-12	4 / 12	480 - 2100

Samples in the group:

SSS-ECO-01-0-12
SSS-ECO-02-0-12
SSS-ECO-03-0-12
SSS-HHR-04-0-2
SSS-HHR-04-0-6
SSS-HHR-05-0-2
SSS-HHR-05-0-6
SSS-HHR-06-0-2
SSS-HHR-06-0-6
SSS-HHR-07-0-2
SSS-HHR-07-0-6
SSS-HHR-08-0-2-hi
SSS-HHR-08-0-6

304213

Mercury Refining Site
Shallow Soil Boring Sample Results
Data Summary Table

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits	Detection Frequency # Samples	Range of Detection Limits
	Volatile Organics							
75-35-4	1,1-Dichloroethene	1 J	1 J	ug/kg	SBW-05-2-4	1	40	10 - 58
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2 J	3 J	ug/kg	SBS-01-2-4	3	40	10 - 58
67-64-1	Acetone	440 J	440 J	ug/kg	SBS-05-2-4	1	40	10 - 120
75-15-0	Carbon Disulfide	8 J	8 J	ug/kg	SBW-06-8-10	1	40	10 - 58
75-09-2	Methylene Chloride	1 J	28 J	ug/kg	SBS-05-0-2	17	40	10 - 57
78-93-3	2-Butanone	4 J	9 J	ug/kg	SBW-03-6-8	10	40	10 - 58
71-43-2	Benzene	2 J	2 J	ug/kg	SBW-05-0-2	1	40	10 - 58
79-01-6	Trichloroethene	27	27	ug/kg	SBS-03-0-2	1	40	10 - 58
108-10-1	4-Methyl-2-pentanone	5 J	5 J	ug/kg	SBW-03-2-4	1	40	10 - 58
108-88-3	Toluene	1 J	2 J	ug/kg	SBW-05-0-2	5	40	10 - 58
	Semi-Volatile Organics							
100-52-7	Benzaldehyde	38 J	38 J	ug/kg	SBS-05-0-2	1	29	350 - 430
108-95-2	Phenol	44 J	44 J	ug/kg	SBS-05-0-2	1	40	350 - 430
91-20-3	Naphthalene	43 J	200 J	ug/kg	SBS-02-0-2-hi	4	40	350 - 430
105-60-2	Caprolactam	23 J	23 J	ug/kg	SBW-03-6-8	1	40	350 - 430
91-57-6	2-Methylnaphthalene	48 J	130 J	ug/kg	SBS-05-0-2	4	40	350 - 430
208-96-8	Acenaphthylene	45 J	45 J	ug/kg	SBS-05-0-2	1	40	350 - 430
83-32-9	Acenaphthene	87 J	440	ug/kg	SBS-02-0-2-hi	2	40	350 - 430
132-64-9	Dibenzofuran	40 J	170 J	ug/kg	SBS-02-0-2-hi	3	40	350 - 430
86-73-7	Fluorene	39 J	270 J	ug/kg	SBS-02-0-2-hi	3	40	350 - 430
100-01-6	P-Nitroaniline	45 J	560 J	ug/kg	SBS-05-0-2	3	40	870 - 1100
85-01-8	Phenanthrene	22 J	1400	ug/kg	SBS-02-0-2-hi	10	40	350 - 430
120-12-7	Anthracene	47 J	350	ug/kg	SBS-02-0-2-hi	6	40	350 - 430
86-74-8	Carbazole	40 J	230 J	ug/kg	SBS-02-0-2-hi	3	40	350 - 430
84-74-2	Di-n-butylphthalate	58 J	58 J	ug/kg	SBW-06-6-8	1	40	350 - 430
206-44-0	Fluoranthene	12 J	1600	ug/kg	SBS-02-0-2-hi	12	40	350 - 430
129-00-0	Pyrene	37 J	1300	ug/kg	SBS-02-0-2-hi	15	40	350 - 430
56-55-3	Benzo(a)anthracene	24 J	850	ug/kg	SBS-02-0-2-hi	9	40	350 - 430
218-01-9	Chrysene	28 J	770	ug/kg	SBS-02-0-2-hi	12	40	350 - 430
117-81-7	bis(2-Ethylhexyl)phthalate	45 J	1100	ug/kg	SBW-01-0-2	6	40	350 - 490
117-84-0	Di-n-octylphthalate	48 J	48 J	ug/kg	SBW-01-8-10	1	40	350 - 430
205-99-2	Benzo(b)fluoranthene	22 J	1400	ug/kg	SBS-02-0-2-hi	11	40	350 - 430
207-08-9	Benzo(k)fluoranthene	24 J	280 J	ug/kg	SBS-03-0-2	8	40	350 - 430
50-32-8	Benzo(a)pyrene	21 J	790	ug/kg	SBS-02-0-2-hi	9	40	350 - 430
193-39-5	Indeno(1,2,3-cd)pyrene	76 J	370	ug/kg	SBS-02-0-2-hi	6	40	350 - 430
53-70-3	Dibenzo(a,h)anthracene	52 J	140 J	ug/kg	SBS-02-0-2-hi	4	40	350 - 430
191-24-2	Benzo(g,h,i)perylene	110 J	410	ug/kg	SBS-02-0-2-hi	5	40	350 - 430

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits / # Samples	Range of Detection Limits
	Pesticides/PCBs						
60-57-1	Dieldrin	14	14	ug/kg	SBS-04-0-2	1 / 39	3.5 - 4.3
50-29-3	4,4'-DDT	4.4	4.4	ug/kg	SBS-02-0-2-hi	1 / 40	3.5 - 4.3
12672-29-6	Aroclor-1248	66	120	ug/kg	SBW-03-4-6	2 / 40	35 - 43
	Metals						
7429-90-5	Aluminum	2850	11900	mg/kg	SBW-05-8-10	40 / 40	0 - 0
7440-36-0	Antimony	1.7 B	1.7 B	mg/kg	SBW-05-0-2	1 / 40	0.72 - 0.98
7440-38-2	Arsenic	0.74 B	8.7	mg/kg	SBW-06-4-6	39 / 40	0.63 - 0.63
7440-39-3	Barium	6.9 B	58.8	mg/kg	SBW-05-8-10	40 / 40	0 - 0
7440-41-7	Beryllium	0.22 B	0.71 B	mg/kg	SBW-05-8-10	40 / 40	0 - 0
7440-43-9	Cadmium	0.09 B	4.1	mg/kg	SBW-05-0-2	9 / 40	0.08 - 0.11
7440-70-2	Calcium	313 B	16200	mg/kg	SBW-04-0-2	40 / 40	0 - 0
7440-47-3	Chromium	3.2 J	16.6 J	mg/kg	SBW-05-0-2	40 / 40	0 - 0
7440-48-4	Cobalt	2.1 B	12.8	mg/kg	SBW-05-8-10	40 / 40	0 - 0
7440-50-8	Copper	4.5 B	99.6	mg/kg	SBS-05-0-2	40 / 40	0 - 0
7439-89-6	Iron	5930	55500	mg/kg	SBW-05-0-2	40 / 40	0 - 0
7439-92-1	Lead	2.3	91.7	mg/kg	SBS-05-0-2	40 / 40	0 - 0
7439-95-4	Magnesium	839 B	8440	mg/kg	SBW-04-0-2	40 / 40	0 - 0
7439-96-5	Manganese	68.7	2700	mg/kg	SBS-05-0-2	40 / 40	0 - 0
7439-97-6	Mercury	0.05 B	33.1	mg/kg	SBW-05-0-2	25 / 39	0.047 - 0.061
7440-02-0	Nickel	5 B	421	mg/kg	SBW-05-0-2	40 / 40	0 - 0
7440-09-7	Potassium	200 B	1310 EJ	mg/kg	SBW-05-8-10	40 / 40	0 - 0
7782-49-2	Selenium	1.5	1.5	mg/kg	SBS-05-0-2	1 / 40	0.85 - 1.3
7440-22-4	Silver	0.38 BNJ	14.7 NJ	mg/kg	SBW-05-0-2	5 / 40	0.19 - 0.27
7440-23-5	Sodium	39.7 B	3870 J	mg/kg	SBS-05-0-2	40 / 40	0 - 0
7440-28-0	Thallium	1.7 BJ	1.7 BJ	mg/kg	SBW-06-4-6	1 / 40	1 - 1.4
7440-62-2	Vanadium	5.7 B	21.2	mg/kg	SBW-05-8-10	40 / 40	0 - 0
7440-66-6	Zinc	16.6 J	8600	mg/kg	SBW-05-0-2	21 / 21	0 - 0

Samples in the group:

SBS-01-0-2	SBW-01-0-2	SBW-03-0-2	SBW-05-2-4
SBS-01-2-4	SBW-01-2-4	SBW-03-2-4	SBW-05-4-6
SBS-02-0-2-hi	SBW-01-4-6	SBW-03-4-6	SBW-05-6-8
SBS-02-2-4	SBW-01-6-8	SBW-03-6-8	SBW-05-8-10
SBS-03-0-2	SBW-01-8-10	SBW-03-8-10	SBW-06-0-2
SBS-03-2-4	SBW-02-0-2	SBW-04-0-2	SBW-06-10-12
SBS-04-0-2	SBW-02-2-4	SBW-04-2-4	SBW-06-2-4
SBS-04-2-4	SBW-02-4-6	SBW-04-4-6-hi	SBW-06-4-6
SBS-05-0-2	SBW-02-6-8	SBW-04-6-8	SBW-06-6-8
SBS-05-2-4	SBW-02-8-10	SBW-05-0-2	SBW-06-8-10

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits	Detection Frequency # Samples	Range of Detection Limits
	Volatile Organics							
75-71-8	Dichlorodifluoromethane	3 J	3 J	ug/kg	SBD-01-A	1	36	10 - 60
75-69-4	Trichlorofluoromethane	1 J	1 J	ug/kg	SBM-MW5D-C	1	36	10 - 60
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1 J	1 J	ug/kg	SBD-02-C	1	36	10 - 60
75-15-0	Carbon Disulfide	1 J	2 J	ug/kg	SBD-02-F-hi	2	36	10 - 60
75-09-2	Methylene Chloride	1 J	7 J	ug/kg	SBD-01-E	10	37	10 - 60
78-93-3	2-Butanone	2 J	32	ug/kg	SBD-02-D	16	36	10 - 60
67-66-3	Chloroform	3 J	8 J	ug/kg	SBD-03-E	2	36	10 - 60
71-55-6	1,1,1-Trichloroethane	2 J	2 J	ug/kg	SBM-MW1D-A	1	36	10 - 60
71-43-2	Benzene	8 J	8 J	ug/kg	SBD-02-C	1	36	10 - 60
75-27-4	Bromodichloromethane	1 J	1 J	ug/kg	SBD-03-E	1	36	10 - 60
108-10-1	4-Methyl-2-pentanone	1 J	2 J	ug/kg	SBD-02-D	3	36	10 - 60
108-88-3	Toluene	2 J	3 J	ug/kg	SBD-02-C	2	36	10 - 60
127-18-4	Tetrachloroethene	2 J	28 J	ug/kg	SBD-04-A	4	36	10 - 60
591-78-6	2-Hexanone	7 J	11	ug/kg	SBD-02-D	2	36	10 - 60
100-41-4	Ethylbenzene	4 J	4 J	ug/kg	SBD-02-C	1	36	10 - 60
1330-20-7	Xylenes (total)	6 J	6 J	ug/kg	SBD-02-C	1	36	10 - 60
100-42-5	Styrene	3 J	3 J	ug/kg	SBD-02-C	1	36	10 - 60
98-82-8	Isopropylbenzene	2 J	2 J	ug/kg	SBD-02-C	1	36	10 - 60
120-82-1	1,2,4-Trichlorobenzene	2 J	2 J	ug/kg	SBD-02-C	1	36	10 - 60

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits / # Samples	Range of Detection Limits
	Semi-Volatile Organics						
100-52-7	Benzaldehyde	5 J	48 J	ug/kg	SBD-02-F-hi	14 / 33	340 - 460
98-86-2	Acetophenone	12 J	16 J	ug/kg	SBM-MW1D-A	5 / 37	340 - 470
106-44-5	4-Methylphenol	44 J	44 J	ug/kg	SBD-04-G	1 / 37	340 - 470
91-20-3	Naphthalene	9 J	54 J	ug/kg	SBM-MW7D-B	4 / 37	340 - 460
105-60-2	Caprolactam	21 J	23 J	ug/kg	SBM-MW1D-B	3 / 37	340 - 470
91-57-6	2-Methylnaphthalene	12 J	57 J	ug/kg	SBD-04-A	5 / 37	340 - 470
92-52-4	1,1'-Biphenyl	13 J	30 J	ug/kg	SBD-02-G	4 / 37	340 - 470
91-58-7	2-Chloronaphthalene	93 J	93 J	ug/kg	SBM-MW1D-B	1 / 37	340 - 470
208-96-8	Acenaphthylene	37 J	37 J	ug/kg	SBD-04-A	1 / 37	340 - 470
83-32-9	Acenaphthene	18 J	57 J	ug/kg	SBM-MW7D-A	2 / 37	340 - 470
132-64-9	Dibenzofuran	8 J	22 J	ug/kg	SBM-MW1D-A	3 / 37	340 - 470
84-66-2	Diethyl phthalate	13 J	13 J	ug/kg	SBD-02-D	1 / 37	340 - 470
86-73-7	Fluorene	14 J	91 J	ug/kg	SBM-MW7D-A	2 / 37	340 - 470
85-01-8	Phenanthrene	12 J	1100	ug/kg	SBM-MW7D-A	14 / 37	340 - 470
120-12-7	Anthracene	9 J	240 J	ug/kg	SBD-01-G	8 / 37	340 - 470
86-74-8	Carbazole	17 J	87 J	ug/kg	SBM-MW7D-A	4 / 37	340 - 470
84-74-2	Di-n-butylphthalate	12 J	84 J	ug/kg	SBD-02-G	5 / 37	340 - 460
206-44-0	Fluoranthene	11 J	2200	ug/kg	SBM-MW7D-A	13 / 37	340 - 470
129-00-0	Pyrene	20 J	2400	ug/kg	SBM-MW7D-A	9 / 37	340 - 470
85-68-7	Benzyl butyl phthalate	13 J	15 J	ug/kg	SBD-02-D	2 / 37	340 - 470
56-55-3	Benzo(a)anthracene	17 J	1000	ug/kg	SBM-MW7D-A	6 / 37	340 - 470
218-01-9	Chrysene	12 J	1400	ug/kg	SBM-MW7D-A	9 / 37	340 - 470
117-81-7	bis(2-Ethylhexyl)phthalate	920	1100	ug/kg	SBD-02-G	2 / 37	340 - 470
117-84-0	Di-n-octylphthalate	16 J	35 J	ug/kg	SBD-02-D	5 / 34	340 - 460
205-99-2	Benzo(b)fluoranthene	14 J	1200	ug/kg	SBM-MW7D-A	8 / 37	340 - 470
207-08-9	Benzo(k)fluoranthene	23 J	1000	ug/kg	SBM-MW7D-A	6 / 37	340 - 470
50-32-8	Benzo(a)pyrene	10 J	890	ug/kg	SBM-MW7D-A	8 / 37	340 - 470
193-39-5	Indeno(1,2,3-cd)pyrene	12 J	610	ug/kg	SBM-MW7D-A	6 / 37	340 - 470
53-70-3	Dibenzo(a,h)anthracene	22 J	180 J	ug/kg	SBM-MW7D-A	4 / 37	340 - 470
191-24-2	Benzo(g,h,i)perylene	56 J	150 J	ug/kg	SBD-04-A	4 / 37	340 - 470

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CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits / # Samples	Range of Detection Limits
	Pesticides/PCBs						
319-84-6	alpha-BHC	1.1 J	5.5 J	ug/kg	SBM-MW5D-A-hi	3 / 36	1.8 - 2.4
319-85-7	beta-BHC	3 NJ	4.9 J	ug/kg	SBD-01-A	2 / 36	1.8 - 2.4
72-55-9	4,4'-DDE	2.8 J	5.4 NJ	ug/kg	SBM-MW5D-A-hi	2 / 37	3.5 - 4.7
72-43-5	Methoxychlor	19	19	ug/kg	SBD-04-A	1 / 37	18 - 24
53494-70-5	Endrin Ketone	3.3 J	3.3 J	ug/kg	SBD-04-A	1 / 37	3.5 - 4.7
12672-29-6	Aroclor-1248	130	1500	ug/kg	SBD-01-F-hi	10 / 37	35 - 47
11097-69-1	Aroclor-1254	34 J	300	ug/kg	SBD-01-B	5 / 37	35 - 47
11096-82-5	Aroclor-1260	14 J	45 J	ug/kg	SBM-MW5D-A-hi	7 / 37	35 - 47
	Metals						
7429-90-5	Aluminum	2360	13400	mg/kg	SBM-MW7D-B	37 / 37	0 - 0
7440-36-0	Antimony	0.94 B	0.94 B	mg/kg	SBM-MW7D-B	1 / 37	0.72 - 0.99
7440-38-2	Arsenic	0.78 B	6.9	mg/kg	SBM-MW7D-B	37 / 37	0 - 0
7440-39-3	Barium	9.2 B	122	mg/kg	SBM-MW7D-B	37 / 37	0 - 0
7440-41-7	Beryllium	0.14 B	0.82 B	mg/kg	SBM-MW6D-A	37 / 37	0 - 0
7440-43-9	Cadmium	0.1 B	0.23 B	mg/kg	SBD-01-A	3 / 37	0.08 - 0.11
7440-70-2	Calcium	293 B	33100	mg/kg	SBM-MW2D-B	37 / 37	0 - 0
7440-47-3	Chromium	3.5	28.6	mg/kg	SBM-MW6D-A	37 / 37	0 - 0
7440-48-4	Cobalt	1.5 B	12.8	mg/kg	SBM-MW7D-B	37 / 37	0 - 0
7440-50-8	Copper	5.5 J	28.2	mg/kg	SBM-MW7D-B	37 / 37	0 - 0
7439-89-6	Iron	5990	28300	mg/kg	SBM-MW7D-B	37 / 37	0 - 0
7439-92-1	Lead	2.5	51.3	mg/kg	SBD-01-A	37 / 37	0 - 0
7439-95-4	Magnesium	788 B	11800	mg/kg	SBM-MW2D-B	37 / 37	0 - 0
7439-96-5	Manganese	65.1 J	828	mg/kg	SBD-03-D	37 / 37	0 - 0
7439-97-6	Mercury	0.058 B	38800	mg/kg	SBM-MW5D-A-hi	17 / 23	0.05 - 0.06
7440-02-0	Nickel	5.1 B	26.5 EJ	mg/kg	SBM-MW6D-A	37 / 37	0 - 0
7440-09-7	Potassium	231 B	2720 EJ	mg/kg	SBM-MW7D-B	37 / 37	0 - 0
7782-49-2	Selenium	1.1 J	1.1 J	mg/kg	SBD-01-A	1 / 37	0.94 - 1.3
7440-22-4	Silver	0.21 B	1.2 B	mg/kg	SBM-MW1D-B	4 / 37	0.2 - 0.27
7440-23-5	Sodium	111 B	552 B	mg/kg	SBM-MW7D-B	37 / 37	0 - 0
7440-28-0	Thallium	1.2 BJ	1.3 BJ	mg/kg	SBM-MW2D-A	2 / 37	1 - 1.4
7440-62-2	Vanadium	5.4 B	27.6 J	mg/kg	SBM-MW7D-B	37 / 37	0 - 0
7440-66-6	Zinc	15 J	214 J	mg/kg	SBM-MW1D-A	36 / 36	0 - 0

SBD-01-A
SBD-01-B
SBD-01-C
SBD-01-D
SBD-01-E
SBD-01-F-hi
SBD-01-G
SBD-02-A
SBD-02-B
SBD-02-C
SBD-02-D
SBD-02-E
SBD-02-F-hi
SBD-02-G
SBD-03-A
SBD-03-B
SBD-03-C
SBD-03-D
SBD-03-E
SBD-04-A
SBD-04-B
SBD-04-C
SBD-04-D
SBD-04-E
SBD-04-F
SBD-04-G
SBM-MW1D-A
SBM-MW1D-B
SBM-MW2D-A
SBM-MW2D-B
SBM-MW5D-A-hi
SBM-MW5D-B
SBM-MW5D-C
SBM-MW6D-A
SBM-MW6D-B
SBM-MW7D-A
SBM-MW7D-B

CAS Number	Chemical	Minimum Concentration and Qualifier	Maximum Concentration and Qualifier	Units	Location of Maximum Concentration	Detection Frequency # Hits	Detection Frequency # Samples	Range of Detection Limits
	Pesticides/PCBs							
72-54-8	4,4'-DDD	5.1 J	7.5 J	ug/kg	FSF-ECO-02-PD	2	11	5 - 12
72-55-9	4,4'-DDE	6.4 J	18 J	ug/kg	FSS-HHR-02-PDA	5	11	5 - 5
5103-71-9	alpha-Chlordane	9 P	11 J	ug/kg	FSS-HHR-10-PDA	3	11	2.5 - 2.5
5566-34-7	gamma-Chlordane	2.8 J	5.7 J	ug/kg	FSS-HHR-10-PDA	3	11	2.5 - 6.2
12672-29-6	Aroclor-1248	64 J	78 J	ug/kg	FSF-ECO-10-PDB	2	11	50 - 130
11097-69-1	Aroclor-1254	58 J	130 J	ug/kg	FSF-ECO-10-PDB	9	11	50 - 130
11096-82-5	Aroclor-1260	60	410 J	ug/kg	FSS-HHR-10-PDB	8	11	50 - 50
	Metals							
7440-39-3	Barium	0.68	2.5	mg/kg	FSF-ECO-02-PD	11	11	0 - 0
7440-41-7	Beryllium	0.094	0.094	mg/kg	FSF-ECO-10-PDB	1	11	0.086 - 0.097
7440-70-2	Calcium	6100	12000	mg/kg	FSF-ECO-10-PDB	11	11	0 - 0
7440-47-3	Chromium	0.29	0.29	mg/kg	FSS-HHR-02-PDB	1	11	0.26 - 0.29
7440-50-8	Copper	0.92	3.4	mg/kg	FSS-HHR-06-ST	10	11	0.94 - 0.94
7439-89-6	Iron	21	70	mg/kg	FSS-HHR-02-PDA	11	11	0 - 0
7439-95-4	Magnesium	270	360	mg/kg	FSF-ECO-10-PDB	11	11	0 - 0
7439-96-5	Manganese	2.5	18	mg/kg	FSF-ECO-06-ST	11	11	0 - 0
7439-97-6	Mercury	0.036	0.22	mg/kg	FSS-HHR-06-ST	9	11	0.033 - 0.033
7440-02-0	Nickel	0.5	0.68	mg/kg	FSS-HHR-06-ST	3	11	0.43 - 0.49
7440-09-7	Potassium	2100	2500	mg/kg	FSS-HHR-02-ST	11	11	0 - 0
7440-23-5	Sodium	580	1000	mg/kg	FSF-ECO-10-PDB	11	11	0 - 0
7440-66-6	Zinc	14	67	mg/kg	FSS-HHR-02-PDB	11	11	0 - 0
LIPID	Lipids	1.04	4.62	%	FSS-HHR-10-PDB	11	11	0 - 0

sys_sample_code
FSF-ECO-02-PD
FSF-ECO-02-ST
FSF-ECO-06-ST
FSF-ECO-10-PDA
FSF-ECO-10-PDB
FSS-HHR-02-PDA
FSS-HHR-02-PDB
FSS-HHR-02-ST
FSS-HHR-06-ST
FSS-HHR-10-PDA
FSS-HHR-10-PDB