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November 25, 1992

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Saperston & Day, P.C.
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Subject: IRM - Vacant Land Adjacent to 1865 Connecting Road
Supplemental IRM Report

Dear Mr. Slater:

The following letter report constitutes the Supplemental IRM Report on the investigation program conducted at the Niagara Falls Outlet Mall site located at 1865 Connecting Road in the Town of Niagara Falls, NY (the "Site"). This Supplemental IRM Report has been prepared for you for submittal to NYSDEC pursuant to the modification of the Order on Consent, Index No. B9-D154-86-09, dated July 24, 1992.

I. THE SUPPLEMENTAL IRM REPORT

Dunn Corporation (DUNN) was retained by Saperston & Day, P.C. to conduct an Interim Remedial Measure at the above mentioned project site. The IRM was conducted pursuant to a Consent Order Agreement dated July, 1992 between Benderson Development Company (Benderson) and the New York State Department of Environmental Conservation (NYSDEC).

The scope of work for the IRM project was based upon the requirements specified in Appendix C of the Consent Order; DUNN's proposal for Remedial Consulting Services dated April 10, 1992; and from the Contractual Agreement to Provide Professional Services dated August 5, 1992. In general, DUNN was contracted to perform the following tasks:

TASK 1 - Review of Available Data

TASK 2 - Meeting with Regulatory Agencies and the implementation of the Supplemental Investigation Program

TASK 3 - Preparation of a Work Plan and Modification of Existing Up Front Documents

II. THE OBJECTIVES OF THE SUPPLEMENTAL INVESTIGATION PROGRAM

The objectives of the Supplemental Investigation Program were to:

- Provide additional information necessary to characterize the wastes found at the Site;
- Confirm and provide additional information as to the location and extent of resin material;
- Verify if visual delineation of the wastes can be utilized to clean-up the subject property; and
- Provide information to assist in characterizing groundwater quality for the proper handling, storage and treatment/disposal of groundwater collected during the excavation of the waste material.

In addition, the Supplemental Investigation Program was developed to address data gaps identified by DUNN from prior Interim Remedial Measure Work as well as provide information necessary to ensure the accuracy and efficiency of the final alternative selected to remediate the site.

III. THE IMPLEMENTATION OF THE SUPPLEMENTAL INVESTIGATION PROGRAM

During the period between August 17, 1992 to August 18, 1992 and September 28, 1992, DUNN conducted the Supplemental Investigation Program in which a total of forty-two (42) test pits were excavated throughout the Site (refer to Figure 1 for the location of the test pits). During the excavation program, DUNN collected several soil and water samples for chemical analysis, as specified in Appendix C - Work Plan of the Consent Order. Table 1 outlines the number, location, and required analysis of samples collected during the Supplemental Investigation Program.

IV. THE RESULTS OF THE SUPPLEMENTAL INVESTIGATION PROGRAM

In summary, the following findings were obtained from the Supplemental Investigation Program:

- Analytical results confirmed the presence of the target compound aniline, a listed hazardous substance, within the resin material.
- A majority of the resin and white powder wastes are contained within the fence enclosure; however, the resin is known to exist outside of the fence enclosure at the northwest portion of the site.
- The areal extent of resin material is approximately two to three times

greater than initially delineated by Wehran (refer to Figure 1).

- The white powder generally appears to be located within the suspected resin area (refer to Figure 1).

- The resin material within the delineated area appears to be situated on top of the native overburden as a distinct layer.

- The resin material layer within the delineated area varies in occurence from trace amounts up to a distinct layer of three feet thick (refer to Figure 2).

- The areal extent of the white powder appears to be not as extensive as originally delineated by Wehran.

- The excavation and observation of resin material encountered within the delineated area indicates the following characteristics (refer to Table 2):

  - The color of resin material varies between tan to yellow;

  - The nature of the resin varies between a solid and a viscous semi-solid state;
  - Resin material has a distinctive pungent odor.

- The excavation and observation of powder material encountered within the study area indicates the following characteristics:

  - The color of the powder material varies between white to light grey and/or blue;
  - The texture of the powder varies between a fine to coarse grained material;
  - The observed quantity of the powder material varied throughout the study area; and
  - The powder material was generally encountered with the resin material.

The analytical results associated with the Supplemental Investigation Program have been summarized and presented in Tables 3 to 17. A copy of the analytical data packages can be found in Attachment A. Based on the analytical information obtained from the Supplemental Investigation Program, the following conclusions can be made:

- The analytical results indicate that the contaminants found within the resin material are detected in the surrounding fill material and soils immediately adjacent to the resin material. Therefore, visual delineation/separation of the wastes, based on analytical results presented in Tables 12-16 does not appear to be feasible within the noted resin area.

- Analytical results from the groundwater sample collected from piezometers PZ-1 & PZ-3 (refer to Table 17) indicates that the water will have to be collected and treated during any remedial excavation activities possibly undertaken at the site. For example, aniline was detected at a concentration of 1,020 ug/l, and the associated NYS Groundwater

Standard is 5.0 ug/l.

- The leaching potential results of the soil sample collected below the resin material (refer to Table 6) indicates that the soil, if left in place, may pose an environmental concern. The results indicate that the soil may leach and impact the groundwater at levels above regulatory concern (i.e., for Unspecified Organic Compounds (UOC) the NYS standard is 50 ug/l).

- Analytical results associated with the white powder material indicates elevated concentrations of volatile organic and semi-volatile organic compounds (refer to Table 7).

- Analytical results associated with the resin material (refer to Table 3) indicates relatively high concentrations of semi-organic compounds. In particular, elevated concentrations of the following compounds were detected in excess of 1,000 mg/kg (ppm):

  N-Nitrosodiphenylamine
  Benzothiazole
  2-Mercaptbenzothiazole
  Aniline
  Diphenylamine

DUNN appreciates the opportunity of working with you on this project. If you have any questions or comments regarding this matter, please feel free to contact either myself or Mr. John B. Berry, P.E. at your convenience.

Very truly yours,

DUNN CORPORATION

Richard D. Rall
Project Manager

RDR/sr

Enclosure

cc: Eric Recoon - Benderson Development Company

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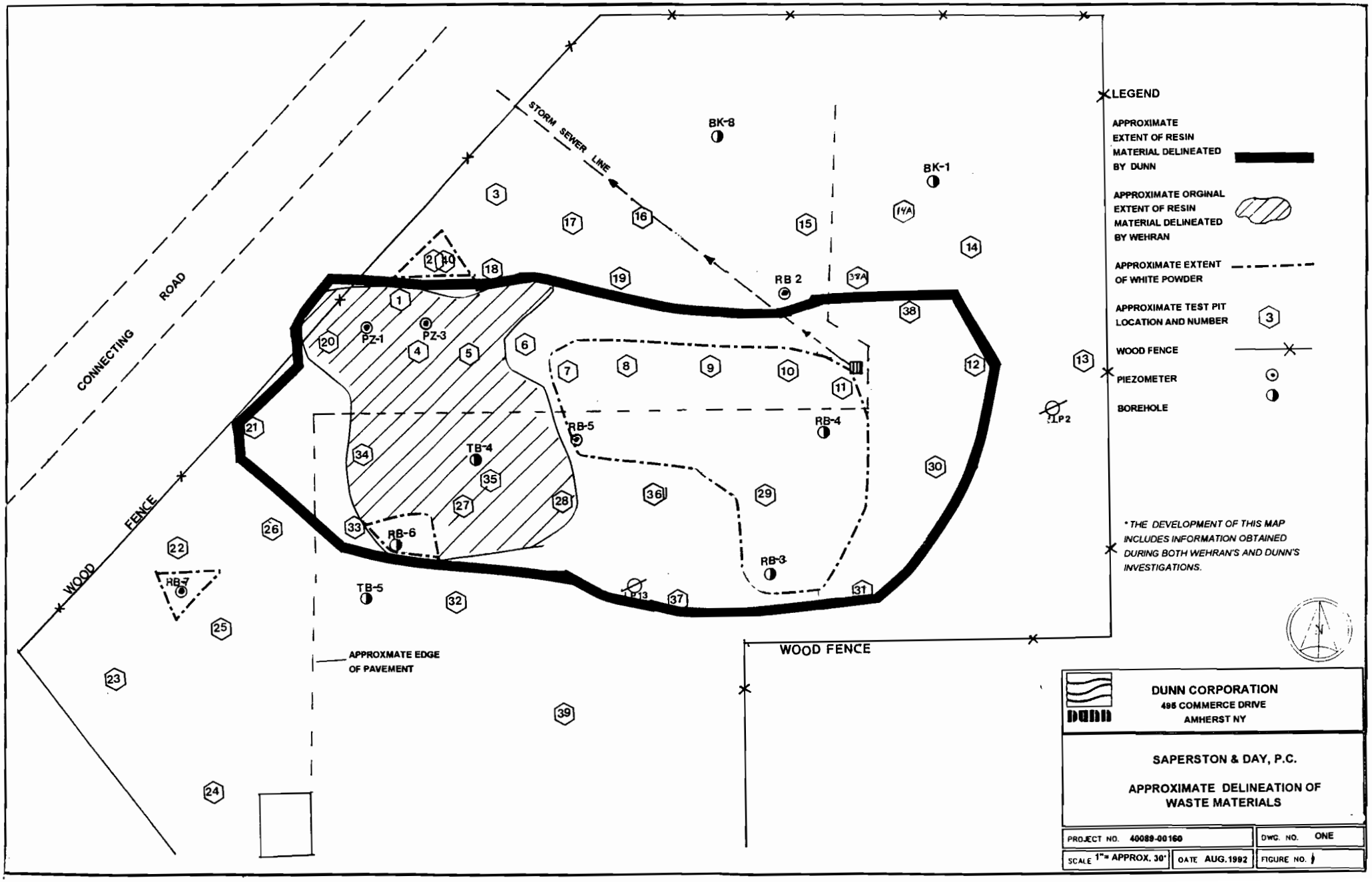
Table 1
Saperston & Day, P.C.
Interim Remedial Measure - Supplemental Investigation Report
Sample Analysis and Location

ANALYSIS REQUIRED	TEST PIT LOCATION	SAMPLE NUMBER	MATRIX/SOURCE
Target Compound List (TCL) BNAs (Method 8270) and the five Indicator Compounds*	TP-4	TP-4SB	SOIL
	TP-5	TP-5SR	SOIL
	TP-32	TP-32S	SOIL
	TP-40	TP-40SB	SOIL
	TP-4	TP-4SA	SOIL
Full RCRA Waste Characterization	TP-9A	TP9A-RSSOIL	SOIL BELOW RESIN
	TP-9A	TP9A-RESIN	RESIN
	TP-1A	TP1A-WP	WHITE POWDER (WP)
	TP-1A	TP1A-WPSOIL	SOIL BELOW WP
Full Target Compound List TCL VOAs,TCL BNAs, TCL Pest/ PCBs,TAL Metals ,Total Cyanide and the five Indicator Compounds	TP-40	TP-40S	SOIL BELOW WP
Full Target Compound List TCL VOAs,TCL BNAs, TCL Pest/ PCBs,TAL Metals ,Total Cyanide and the five Indicator Compounds	TP-2	TP-2WPA	WHITE POWDER
	TP-4R	TP-4R	RESIN
Target Compound List BNAs (Method 8270) and the five Indicator Compounds on the TCLP Extract	TP-9A	TP9A-RN	SOIL BELOW RESIN
	TP-1A	TP1A-WPS	SOIL BELOW WP
Full Target Compound List TCL VOAs,TCL BNAs, TCL Pest/ PCBs,TAL Metals, Total Cyanide and the five Indicator Compounds	PZ-1	PZ-1 & PZ-3	WATER

*The five indicator compounds are : aniline,diphenylamine,2-mercaptobenzothiazole, benzothiazole and phenothiazine.

Table 2
Saperston & Day, P.C.
Interim Remedial Measure - Supplemental Investigation Report
Waste Type and Occurence

TEST PIT LOCATION	TOTAL DEPTH (FEET)	TOP OF CLAY DEPTH (FEET)	WASTE TYPE ENCOUNTERED	WASTE OCCURENCE (FEET)	REMARKS
TP-1	3.0	3.0	YELLOW RESIN	0.3-3.0	
TP-2	5.0	5.0	WHITE POWDER	2.0-5.0	
TP-3	5.0	4.0	NONE	-	
TP-4	4.0	3.0	YELLOW RESIN	1.0-3.0	
TP-5	5.0	5.0	YELLOW RESIN	2.0-2.5	Resin not continous
TP-6	4.0	NA	NONE TO 4 FEET	-	TP Caved in
TP-7	5.6	4.7	YELLOW RESIN	2.5	Resin & fill mixed
			WHITE POWDER	2.5-3.5	
TP-8	5.5	5.0	WHITE POWDER	2.5-4.5	
			YELLOW RESIN	4.5-5.0	
TP-9	5.0	4.5	WHITE POWDER	2.0-3.5	
			YELLOW RESIN	3.5-4.5	
TP-10	3.0	-	WHITE POWDER	2.5-3.0	Resin to hard
			YELLOW RESIN	3.0	to complete test pit
TP-11	4.5	4.0	YELLOW RESIN	2.3-3.0	
TP-12	4.0	3.0	YELLOW RESIN	2.0-2.5	
TP-13	3.0	2.0	NONE	-	
TP-14	3.5	2.5	NONE	-	
TP-14A	5.0	3.0	NONE	-	
TP-15	3.5	3.0	NONE	-	
TP-16	3.0	NA	NONE AT 3.O FEET	-	Storm sewer at 3 feet
TP-17	4.5	4.0	NONE	-	
TP-18	6.5	5.5	NONE	-	
TP-19	6.0	6.0	NONE	-	
TP-20	5.0	5.0	YELLOW RESIN	3.0-4.0	Resin not in layer
TP-21	7.0	7.0	YELLOW RESIN	6.0-7.0	
TP-22	7.5	7.0	NONE	-	
TP-23	7.8	7.0	NONE	-	
TP-24	8.0	7.0	NONE	-	
TP-25	8.0	7.5	NONE	-	
TP-26	7.0	6.5	NONE	-	
TP-27	6.0	5.7	YELLOW RESIN	4.3-5.7	
TP-28	5.0	4.0	YELLOW RESIN	3.0-4.0	
TP-29	4.0	4.0	WHITE POWDER	3.5-4.0	WP in a pocket
TP-30	4.0	4.0	YELLOW RESIN	1.0-3.5	Resin & fill mixed
TP-31	3.5	3.5	YELLOW RESIN	3.0-3.5	Resin & fill mixed
TP-32	6.0	3.0	NONE	-	
TP-33	7.5	6.0	YELLOW RESIN	5.5-6.0	Trace resin 5.5-6.0
TP-34	8.0	7.0	YELLOW RESIN	4.7-7.0	
TP-35	6.5	5.6	YELLOW RESIN	2.0-3.0,5.5	Trace resin at 5.5'
TP-36	5.0	5.0	YELLOW RESIN	3.0-5.0	
TP-37	5.0	4.0	YELLOW RESIN	1.0-4.0	Trace resin in fill 1'-4'
TP-38	4.0	4.0	YELLOW RESIN	3.4-4.0	
TP-38A	5.0	3.5	NONE	-	
TP-39	4.0	2.0	NONE	-	
TP-40	5.0	5.0	WHITE POWDER	2.0-5.0	


LEGEND
APPROXIMATE EXTENT OF RESIN MATERIAL DELINEATED BY DUNN
APPROXIMATE ORGINAL EXTENT OF RESIN MATERIAL DELINEATED BY WEHRAN
APPROXIMATE EXTENT OF WHITE POWDER
APPROXIMATE TEST PIT LOCATION AND NUMBER
WOOD FENCE
PIEZOMETER
BOREHOLE
* THE DEVELOPMENT OF THIS MAP INCLUDES INFORMATION OBTAINED DURING BOTH WEHRAN'S AND DUNN'S INVESTIGATIONS.
STORM SEWER LINE
CONNECTING ROAD
WOOD FENCE
WOOD FENCE
APPROXMATE EDGE OF PAVEMENT
BK-8
BK-1
RB 2
RB-5
RB-4
RB-6
RB-7
RB-3
TB-4
TB-5
PZ-1
PZ-3
DUNN CORPORATION
495 COMMERCE DRIVE
AMHERST NY
SAPERSTON & DAY, P.C.
APPROXIMATE DELINEATION OF WASTE MATERIALS
PROJECT NO. 40089-00160
DWG. NO. ONE
SCALE 1"= APPROX. 30'
DATE AUG. 1992
FIGURE NO. 1

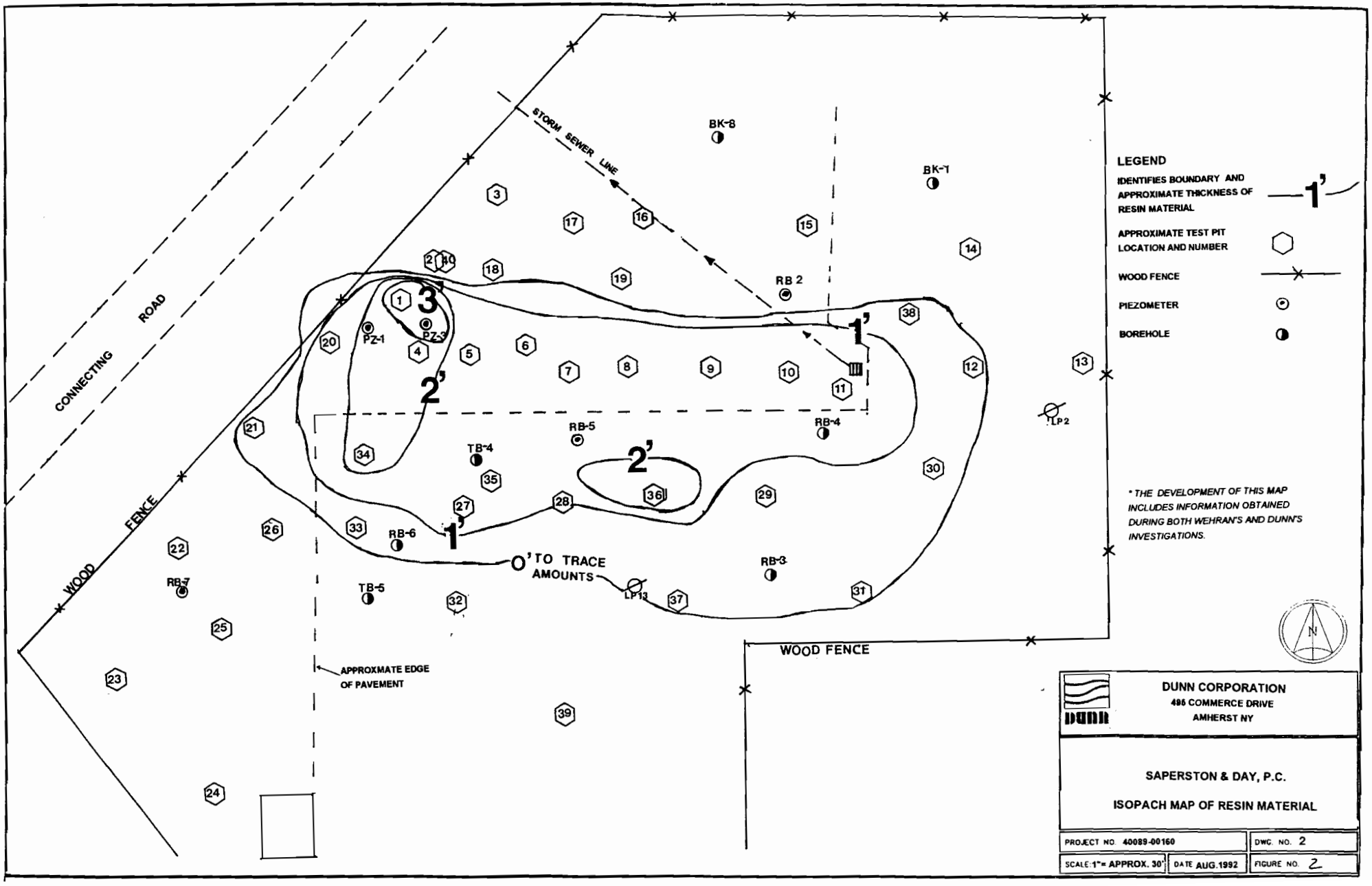

CONNECTING ROAD
WOOD FENCE
STORM SEWER LINE
BK-8
BK-1
RB 2
PZ-1
PZ-3
RB-5
RB-4
LP2
TB-4
RB-6
RB-7
TB-5
RB-3
LP13
3'
2'
1'
2'
1'
0' TO TRACE AMOUNTS
WOOD FENCE
APPROXMATE EDGE OF PAVEMENT
LEGEND
IDENTIFIES BOUNDARY AND APPROXIMATE THICKNESS OF RESIN MATERIAL
1'
APPROXIMATE TEST PIT LOCATION AND NUMBER
WOOD FENCE
PIEZOMETER
BOREHOLE
* THE DEVELOPMENT OF THIS MAP INCLUDES INFORMATION OBTAINED DURING BOTH WEHRAN'S AND DUNN'S INVESTIGATIONS.
N
DUNN CORPORATION
496 COMMERCE DRIVE
AMHERST NY
SAPERSTON & DAY, P.C.
ISOPACH MAP OF RESIN MATERIAL
PROJECT NO. 40089-00160
DWG. NO. 2
SCALE 1"= APPROX. 30'
DATE AUG.1992
FIGURE NO. 2

TABLE 3
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF VALIDATED ANALYTICAL DATA
RESIN MATERIAL (TP-4R)
(All units in ug/kg - ppb, unless noted otherwise)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
Total Volatile TICs	710 J
Diethylphthalate	52,000 J
N-Nitrosodiphenylamine	6,000,000
Carbazole	29,000 J
Benzothiazole	130,000,000
2-Mercaptobenzothiazole	620,000,000
Aniline	2,600,000
Diphenylamine	3,400,000
Total Semi-Volatile TICs	185,000 J mg/kg
Aluminum	8,470 mg/kg
Arsenic	2.2 B mg/kg
Barium	53.0 mg/kg
Calcium	5,650 mg/kg
Chromium	12.2 mg/kg
Copper	10.4 mg/kg
Iron	11,900 mg/kg
Lead	13.4 mg/kg
Magnesium	3,490 mg/kg
Manganese	237 mg/kg
Mercury	0.06 B mg/kg
Nickel	14.9 mg/kg
Potassium	1,390 mg/kg
Sodium	1,460 mg/kg
Vanadium	21.6 mg/kg
Zinc	71.6 mg/kg

TABLE 4
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
RCRA WASTE CHARACTERIZATION - TCLP
RESIN MATERIAL (IRM-TP9A-RESIN)

PARAMETER	RESULTS (mg/l)	REGULATORY LIMIT (mg/l)
Lindane	D	0.40
Methoxyclor	D	10.0
Barium	1.2	100.0
Lead	0.10	5.0
Selenium	0.14	1.0
Ignitability	>200 F	
Corrosivity	Non-Corros	
pH	7.8	
Reactivity		
cyanide	*	
sulfide	ND	
Cyanide, Total w/ distill.	ND	

* A total cyanide analysis was performed on this sample. The concentration obtained was less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis was not necessary.

TABLE 5
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
RCRA WASTE CHARACTERIZATION - TCLP
SOIL BELOW RESIN MATERIAL (IRM-TP9A-RSSOIL)

PARAMETER	RESULTS (mg/l)	REGULATORY LIMIT (mg/l)
Vinyl chloride	0.011	0.20
Methoxyclor	D	10.0
Barium	2.6	100.0
Ignitability	>200 F	
Corrosivity	Non-Corros	
pH	8.0	
Reactivity		
cyanide	*	
sulfide	ND	
Cyanide, Total w/ distill	ND	

* A total cyanide analysis was performed on this sample. The concentration obtained was less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis was not necessary.

TABLE 6
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
LEACHING POTENTIAL -TCLP
SOIL BELOW RESIN MATERIAL (IRM-TP9A-RN)
(All units in ug/l - ppb)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
N-Nitrosodiphenylamine	160
Aniline	ND
Diphenylamine	84
2-Mercaptobenzothiazole	6,400
Benzothiazole	280
Phenothiazine	ND

TABLE 7
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF VALIDATED ANALYTICAL DATA
WHITE POWDER MATERIAL (TP-2WPA)
(All units in ug/kg - ppb, unless noted otherwise)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
Chloromethane	12,000 J
Bromomethane	12,000 J
Vinyl chloride	12,000,000
Chloroethane	14,000 J
Methylene chloride	630,000 J
1,1-Dichloroethane	160,000
1,2-Dichloroethene (Total)	20,000
1,2-Dichloroethane	8,400 J
2-Butanone (MEK)	24,000 J
Total Volatile TICs	1,200,000 J
N-Nitrosodiphenylamine	17,000 J
Di-n-butylphthalate	13,000 J
Bis (2-ethylhexyl) phthalate	28,000 J
Benzothiazole	140,000
2-Mercaptobenzothiazole	320,000
Total Semi-Volatile TICs	327,000
4,4' - DDT	19 JP
Aluminum	373 mg/kg
Calcium	3,000 mg/kg
Copper	5.3 B mg/kg
Iron	835 mg/kg
Lead	5.5 mg/kg
Magnesium	883 B mg/kg
Manganese	32.2 mg/kg
Mercury	0.09 mg/kg
Potassium	178 B mg/kg
Sodium	228 B mg/kg
Zinc	13.4 mg/kg

TABLE 8
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
RCRA WASTE CHARACTERIZATION - TCLP
WHITE POWDER MATERIAL (IRM-TP1A-WP)

PARAMETER	RESULTS (mg/l)	REGULATORY LIMIT (mg/l)
Vinyl chloride	.180	0.20
Lindane	D	0.40
Barium	0.99	100.0
Lead	0.20	5.0
Selenium	0.14	1.0
Ignitability	>200 F	
Corrosivity	Non-Corros	
pH	8.1	
Reactivity		
cyanide	*	
sulfide	ND	
Cyanide, Total w/ distill	ND	

* A total cyanide analysis was performed on this sample. The concentration obtained was less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis was not necessary.

TABLE 9
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
SOIL SAMPLE BELOW WHITE POWDER MATERIAL (TP-40S)
(All units in ug/kg - ppb, unless noted otherwise)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
1,1-Dichloroethane	7
Trans 1,2-Dichloroethene	11
Cis 1,2-Dichloroethene	8
Trichloroethene	45
Acetone	52*
Bis-(2-ethylhexyl) phthalate	1,800
2-Mercaptobenzothiazole	2,900
Delta-BHC	240
Aluminum	21,100 mg/kg
Barium	120 mg/kg
Calcium	3,790 mg/kg
Chromium	31.9 mg/kg
Cobalt	27.6 mg/kg
Copper	25.7 mg/kg
Iron	45,600 mg/kg
Lead	20.6 mg/kg
Magnesium	10,000 mg/kg
Manganese	2,040 mg/kg
Nickel	45.8 mg/kg
Potassium	2,890 mg/kg
Sodium	497 mg/kg
Vanadium	43.1 mg/kg
Zinc	90.6 mg/kg

* Acetone is a possible laboratory artifact

TABLE 10
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
RCRA WASTE CHARACTERIZATION - TCLP
SOIL BELOW WHITE POWDER MATERIAL (IRM-TP1A-WPSOIL)

PARAMETER	RESULTS (mg/l)	REGULATORY LIMIT (mg/l)
Vinyl chloride	D	0.20
Barium	2.80	100.0
Lead	0.11	5.0
Ignitability	>200 F	
Corrosivity	Non-Corros	
pH	8.0	
Reactivity		
cyanide	*	
sulfide	ND	
Cyanide, Total w/ distill	ND	

* A total cyanide analysis was performed on this sample. The concentration obtained was less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis was not necessary.

TABLE 11
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
LEACHING POTENTIAL -TCLP
SOIL BELOW WHITE POWDER MATERIAL (IRM-TP1A-WPS)
(All units in ug/l - ppb)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
Aniline	ND
Diphenylamine	ND
2-Mercaptobenzothiazole	ND
Benzothiazole	ND
Phenothiazine	ND

TABLE 12
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
CONFIRMATORY SOIL SAMPLE (TP-4SB)
(All units ug/kg - ppb)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
Aniline	1,500
Diphenylamine	ND
2-Mercaptobenzothiazole	880,000
Benzothiazole	3,400
Phenothiazine	ND

TABLE 13
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
CONFIRMATORY SOIL SAMPLE (TP-5SR)
(All units in ug/kg - ppb)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
Phenanthrene	1,500
Fluoranthene	3,100
Pyrene	3,000
Benzo (a) anthracene	1,700
Chrysene	1,600
Benzo (b) fluoranthene	1,900
Benzo (a) pyrene	1,700
Benzo- (g,h,i,) perlyene	900
Aniline	ND
Diphenylamine	4,300
2-Mercaptobenzothiazole	11,000
Benzothiazole	6,500
Phenothiazine	ND

TABLE 14
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
CONFIRMATORY SOIL SAMPLE (TP-32S)
(All units in ug/kg - ppb)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
No Target Compound List (TCL) Semi-Organic Compounds, including the five indicator compounds, were detected above the PQL (830 ug/kg).	

TABLE 15
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
CONFIRMATORY SOIL SAMPLE (TP-40SB)
(All units in ug/kg - ppb)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
No Target Compound List (TCL) Semi-Volatile Organic Compounds, including the five indictor compounds, were deteced above the PQL (830 ug/kg).	

TABLE 16
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
CONFIRMATORY SOIL SAMPLE (TP-4SA)
(All units in ug/kg - ppb)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
Aniline	ND
Diphenylamine	ND
2-Mercaptobenzothiazole	520,000
Benzothiazole	870
Phenothiazine	ND

TABLE 17
SAPERSTON & DAY, P.C.
IRM - CONNECTING ROAD SITE
SUMMARY TABLE OF ANALYTICAL DATA
GROUNDWATER SAMPLE (PZ-1)
(All units in ug/l - ppb, unless noted otherwise)

PARAMETER/COMPOUND	CONCENTRATION DETECTED
Chlorobenzene	7
Acetone	14*
Xylene (Total)	15
Aniline	1,020
Diphenylamine	15
2-Mercaptobenzothiazole	15,000
Benzothiazole	13,800
Phenothiazine	68
Aluminum	1.6 mg/l
Antimony	0.17 mg/l
Barium	0.12 mg/l
Calcium	337 mg/l
Copper	0.062 mg/l
Iron	2.1 mg/l
Lead	0.011 mg/l
Magnesium	82.2 mg/l
Manganese	1.9 mg/l
Potassium	32.2 mg/l
Sodium	426 mg/l
Zinc	0.061 mg/l

* Acetone is a possible laboratory artifact

TABLE 18

EXPLANATION OF QUALIFIERS/FOOTNOTES FOR ORGANIC COMPOUND ANALYTICAL RESULTS

J - Indicates that the compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value which is less than the specified quantitation limit but is greater than zero.

D - A result with a "D" means that the result was detected below the Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).

B - The analyte is found in the blanks as well as the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of this analyte.

ND - Not Detected at or above the PQL.

TABLE 19

EXPLANATION OF QUALIFIERS FOR INORGANIC ANALYTE RESULTS

B - Indicates analyte result between Instrument Detection Limit (IDL) and the Contract Required Detection Limit (CRDL).

U- Indicates analyte result less than the IDL.

TCLP CONSTITUENTS AND REGULATORY LEVELS

HW # (1)	CONSTITUENTS	REG. LEVEL (mg/1)
METALS		
D004	Arsenic	5.00
D005	Barium	100.00
D006	Cadmium	1.00
D007	Chromium	5.00
D008	Lead	5.00
D009	Mercury	0.20
D010	Selenium	1.00
D011	Silver	5.00
PESTICIDES/HERBICIDES		
D012	Endrin	0.02
D013	Lindane	0.40
D014	Methoxychlor	10.00
D015	Toxaphene	0.50
D016	2,4-D	10.00
D017	2,4,5-TP (SILVEX)	1.00
D020	Chlordane	0.03
D031	Heptachlor (and Hydroxide)	0.008
VOLATILES		
D018	Benzene	0.50
D019	Carbon Tetrachloride	0.50
D021	Chlorobenzene	100.00
D022	Chloroform	6.00
D031	1,2-Dichloroethane	0.50
D029	1,1-Dichloroethylene	0.10
D035	Methyl Ethlyl Ketone	200.00
D039	Tetrachloroethylene	0.70
D040	Trichloroethylene	0.50
D043	Vinyl Choride	0.20
BASE NEUTRALS		
D027	1,4-Dichlorobenzene	7.50
D030	2,4-Dinitrotoluene	.13 (2)
D032	Hexachlorobenzene	.13 (2)
D033	Hexachloro-1,3-butadiene	0.50
D034	Hexachloroethane	3.00
D036	Nitrobenzene	2.00
D038	Pyridine	5 .00(2)
ACID EXTRACTABLES		
D023	o-Cresol	200 (3)
D024	m-Cresol	200 (3)
D025	p-Cresol	200 (3)
D026	Pentachlorophenol	100.00
D037	Pentachlorophenol	100.00
D041	2,4,5 Trichlorophenol	400.00
D042	2,4,6 Trichlorophenol	2.00

1. USEPA Hazardous Waste Number.
2. Quantitation limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level.
3. If o-, m- and p-Cresol concentrations cannot be differentiated, the total cresol (D026) concentration is used. The regulatory level for total cresol is 200 mg/l.

ATTACHMENT A

Analytical Data

CTM Analytical Laboratories, Ltd.

15 Century Hill Drive
P.O. Box 727
Latham, NY 12110
518-786-7100
FAX 518-786-7139

GC/MS
GC
ICAP
Sampling Services

REACTIVITY CASE NARRATIVE

* A total cyanide analysis was performed on this sample. The concentration obtained was less than 100 mg/kg. This is well below the reactive cyanide regulatory level of 250 mg/kg. A reactive cyanide analysis was not necessary.

CTM Analytical Laboratories, Ltd.

F.Y.I.

YOUR TCLP RESULTS HAVE BEEN BIAS CORRECTED

In June 1990, the EPA modified analytical quality assurance requirements for TCLP to include a bias correction. Labs are now required to spike one sample in each analytical batch of extracts, from similar matrices, and bias correct the results, i.e., if the actual result for your sample was 5.0 mg/l and the batch spike recovery for that analyte was 50%, the bias corrected result reported would be 10.0 mg/l. One possible shortcoming with this approach is that the one batch spike recovery may not reflect the true recovery for each sample, since no two sample matrices are identical.

CTM Laboratories has taken the new requirement one step further by spiking each sample extract. This step assures that the bias correction will be sample specific and further improves the accuracy of your results.

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
13 OCT 1992

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

Attention: MR. RICHARD RALL

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TPIA-WP
Location : IRM CONNECTING ROAD SITE

CTM Sample No: 9209296 01
Date Received:
Collection Method: GRAB
Matrix: SOLID

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D11:131 9/30
ZERO HEADSPACE EXTRACTION	SW-846 METHOD 1311	EXTRACTED			ACM 10/1
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			JB 10/8
BENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:101 10/7
CARBON TETRACHLORIDE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:101 10/7
CHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:101 10/7
CHLOROFORM (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:101 10/7
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:101 10/7
1,2-DICHLOROETHANE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:101 10/7
1,1-DICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
METHYL ETHYL KETONE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	JB G:100 10/7
TETRACHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
TRICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
VINYL CHLORIDE (TCLP)	SW-846 METHOD 8240	180	100	MCG/L	JB G:100 10/7
O-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	49	MCG/L	CM P:27 10/2
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	200	MCG/L	CM P:27 10/2
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	41	MCG/L	CM P:27 10/2
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:27 10/2
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	120	MCG/L	CM P:27 10/2
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:27 10/2
HEXACHLOROBUTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	86	MCG/L	CM P:27 10/2
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	47	MCG/L	CM P:27 10/2
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:27 10/2
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	53	MCG/L	CM P:27 10/2
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:27 10/2
EXTRACTION FOR TCLP B/N	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
CHLORDANE (TCLP)	SW-846 METHOD 8080	ND	2.2	MCG/L	GC3 E:91 10/6
ENDRIN (TCLP)	SW-846 METHOD 8080	ND	0.21	MCG/L	GC3 E:91 10/6
HEPTACHLOR (TCLP)	SW-846 METHOD 8080	ND	0.21	MCG/L	GC3 E:91 10/6
LINDANE (TCLP)	SW-846 METHOD 8080	D	0.21	MCG/L	GC3 E:91 10/6
METHOXYCHLOR (TCLP)	SW-846 METHOD 8080	ND	0.21	MCG/L	GC3 E:91 10/6
TOXAPHENE (TCLP)	SW-846 METHOD 8080	ND	4.0	MCG/L	GC3 E:91 10/6
HEPTACHLOR EPOXIDE (TCLP)	SW-846 METHOD 8080	ND	0.21	MCG/L	GC3 E:91 10/6
EXTRACTION FOR TCLP PESTICIDES	SW-846 METHOD 8080	EXTRACTED			ACM 10/2
2,4-D (TCLP)	SW-846 METHOD 8150	ND	0.20	MCG/L	GC3 E:93 10/6

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TPIA-WP
Location : IRM CONNECTING ROAD SITE

CTM Sample No: 9209296 01
Date Received:
Collection Method: GRAB
Matrix: SOLID

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2,4,5-TP (SILVEX) (TCLP)	SW-846 METHOD 8150	ND	0.23	MCG/L	GC3 E:93 10/6
EXTRACTION FOR TCLP HERBICIDES	SW-846 METHOD 8150	EXTRACTED			ACM 10/3
ARSENIC, BY TCLP	SW-846 METHOD 1311	ND	0.10	MG/L	A-5:148 10/6
BARIUM, BY TCLP	SW-846 METHOD 1311	0.99	0.12	MG/L	A-5:146 10/5
CADMIUM, BY TCLP	SW-846 METHOD 1311	ND	0.005	MG/L	A-5:146 10/5
CHROMIUM, BY TCLP	SW-846 METHOD 1311	ND	0.011	MG/L	A-5:146 10/5
LEAD, BY TCLP	SW-846 METHOD 1311	0.20	0.056	MG/L	A-5:146 10/5
MERCURY PREPARATION - TCLP	SW-846 METHOD 1311	COMPLETED			D11:136 10/2
MERCURY, BY TCLP	SW-846 METHOD 1311	ND	0.0003	MG/L	E-1:73 10/5
SELENIUM, BY TCLP	SW-846 METHOD 1311	ND	0.10	MG/L	A-5:146 10/5
SILVER, BY TCLP	SW-846 METHOD 1311	ND	0.013	MG/L	A-5:146 10/5
ACID DIGESTION ON TCLP EXTRACTS	SW-846 3010	COMPLETED			D11:133 10/1
REACTIVE CYANIDE	SW-846 METHOD 7.3.3.2	*			9/29
REACTIVE SULFIDE	SW-846 METHOD 7.3.4.2	ND	2	MG/KG	JDA:55 10/12/92
CYANIDE, TOTAL W/DISTILL.	EPA 1983 (335.2)	ND	0.97	MG/KG	CC 8/25
CYANIDE DISTILLATION	STD. METHODS 17TH ED. 4500-CN C	COMPLETED			EP 8/20/92
CORROSIVITY	EPA,EVAL.SOLID WASTE,1980.40 CFR 261.22	NON-CORROS			CC 8/27
PH FOR SOLIDS MEASURED IN H2O	SW-846 9045	8.1		SU	CC 10/1
IGNITABILITY	EPA METHOD-1010	>200	55	o F	CC 8/27/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP9A-RESIN
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 02
Date Received:
Collection Method: GRAB
Matrix: SOLID

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D11:131 9/30
ZERO HEADSPACE EXTRACTION	SW-846 METHOD 1311	EXTRACTED			ACM 10/1
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			JB 10/8
BENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/8
CARBON TETRACHLORIDE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/8
CHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/8
CHLOROFORM (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/8
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/8
1,2-DICHLOROETHANE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/8
1,1-DICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/8
METHYL ETHYL KETONE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	JB G:100 10/8
TETRACHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/8
TRICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/8
VINYL CHLORIDE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	JB G:100 10/8
O-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	41	MCG/L	CM P:27 10/2
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	340	MCG/L	CM P:27 10/2
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	48	MCG/L	CM P:27 10/2
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	54	MCG/L	CM P:27 10/2
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	140	MCG/L	CM P:27 10/2
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	58	MCG/L	CM P:27 10/2
HEXACHLOROBUTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	47	MCG/L	CM P:27 10/2
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	43	MCG/L	CM P:27 10/2
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	67	MCG/L	CM P:27 10/2
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	58	MCG/L	CM P:27 10/2
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	49	MCG/L	CM P:27 10/2
EXTRACTION FOR TCLP B/N	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
CHLORDANE (TCLP)	SW-846 METHOD 8080	ND	21	MCG/L	GC3 E:89 10/2
ENDRIN (TCLP)	SW-846 METHOD 8080	ND	2.1	MCG/L	GC3 E:89 10/2
HEPTACHLOR (TCLP)	SW-846 METHOD 8080	ND	2.3	MCG/L	GC3 E:89 10/2
LINDANE (TCLP)	SW-846 METHOD 8080	D	2.3	MCG/L	GC3 E:89 10/2
METHOXYCHLOR (TCLP)	SW-846 METHOD 8080	D	2.0	MCG/L	GC3 E:89 10/2
TOXAPHENE (TCLP)	SW-846 METHOD 8080	ND	40	MCG/L	GC3 E:89 10/2
HEPTACHLOR EPOXIDE (TCLP)	SW-846 METHOD 8080	ND	2.3	MCG/L	GC3 E:89 10/2
EXTRACTION FOR TCLP PESTICIDES	SW-846 METHOD 8080	EXTRACTED			ACM 9/30
2,4-D (TCLP)	SW-846 METHOD 8150	ND	2.2	MCG/L	GC3 E:93 10/6

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP9A-RESIN
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 02
Date Received:
Collection Method: GRAB
Matrix: SOLID

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
(CONTINUED FROM PREVIOUS PAGE)					
2,4,5-TP (SILVEX) (TCLP)	SW-846 METHOD 8150	ND	2.0	MCG/L	GC3 E:93 10/6
EXTRACTION FOR TCLP HERBICIDES	SW-846 METHOD 8150	EXTRACTED			ACM 10/3
ARSENIC, BY TCLP	SW-846 METHOD 1311	ND	0.10	MG/L	A-5:148 10/6
BARIUM, BY TCLP	SW-846 METHOD 1311	1.2	0.14	MG/L	A-5:146 10/5
CADMIUM, BY TCLP	SW-846 METHOD 1311	ND	0.006	MG/L	A-5:146 10/5
CHROMIUM, BY TCLP	SW-846 METHOD 1311	ND	0.013	MG/L	A-5:146 10/5
LEAD, BY TCLP	SW-846 METHOD 1311	0.10	0.072	MG/L	A-5:146 10/5
MERCURY PREPARATION - TCLP	SW-846 METHOD 1311	COMPLETED			D11:136 10/2
MERCURY, BY TCLP	SW-846 METHOD 1311	ND	0.0003	MG/L	E-1:73 10/5
SELENIUM, BY TCLP	SW-846 METHOD 1311	0.14	0.12	MG/L	A-5:146 10/5
SILVER, BY TCLP	SW-846 METHOD 1311	ND	0.017	MG/L	A-5;146 10/5
ACID DIGESTION ON TCLP EXTRACTS	SW-846 3010	COMPLETED			D11:133 10/1
REACTIVE CYANIDE	SW-846 METHOD 7.3.3.2	*			9/29
REACTIVE SULFIDE	SW-846 METHOD 7.3.4.2	ND	2	MG/KG	JDA:55 10/12/92
CYANIDE, TOTAL W/DISTILL.	EPA 1983 (335.2)	ND	0.67	MG/KG	CC 8/25/92
CYANIDE DISTILLATION	STD. METHODS 17TH ED. 4500-CN C	COMPLETED			EP 8/20/92
CORROSIVITY	EPA,EVAL.SOLID WASTE,1980.40 CFR 261.22	NON-CORROS			CC 8/27/92
PH FOR SOLIDS MEASURED IN H2O	SW-846 9045	7.8		SU	CC 10/1
IGNITABILITY	EPA METHOD-1010	>200	70	o F	JD 8/28/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

Attention: MR. RICHARD RALL

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP9A-RN
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 03
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D11:131 9/30
EXTRACTION FOR TCLP B/N	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
SW-846 8270 BASE/NEUTRALS		CPMPLETED			10/8
1,3-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:36 10/8
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
1,2-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
N-NITROSO-DIPROPYLAMINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:36 10/8
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
ISOPHORONE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:36 10/8
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:36 10/8
1,2,4-TRICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:36 10/8
NAPHTHALENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
HEXACHLOROBUTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:36 10/8
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:36 10/8
2-CHLORONAPHTHALENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:36 10/8
DIMETHYL PHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:36 10/8
ACENAPHTHYLENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
ACENAPHTHENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
2,6-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
DIETHYL PHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:36 10/8
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:36 10/8
FLUORENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
N-NITROSODIPHENYLAMINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	160	40	MCG/L	CM P:36 10/8
4-BROMOPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:36 10/8
PHENANTHRENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
ANTHRACENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
DI-N-BUTYLPHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
FLUORANTHENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
PYRENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BUTYL-BENZYL PHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZO (a) ANTHRACENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
3-3-DICHLOROBENZIDIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	80	MCG/L	CM P:38 10/8

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP9A-RN
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 03
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
CHRYSENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BIS-(2-ETHYL-HEXYL)-PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
DI-N-OCTYL-PHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZO (b) FLUORANTHENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZO (k) FLUORANTHENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZO (a) PYRENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
INDENO-(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
DIBENZO (a,h) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
BENZO-(G,H,I)-PERYLENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
DIBENZOFURAN (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZYL ALCOHOL (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZOIC ACID (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
4-CHLOROANILINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
2-METHYLNAPHTHALENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
2-NITROANILINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
4-NITROANILINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
3-NITROANILINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BIS(2-CHLOROETHYL)ETHER (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
SW-846 8270 ACID EXTRACTABLES		CPMPLETED			10/8
PHENOL (TCLP)	SW-846 METHOD 8270	ND	40	MCG/L	CM P:36 10/8
2-CHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:36 10/8
2-NITROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:36 10/8
2,4-DIMETHYLPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:36 10/8
2,4-DICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:36 10/8
4-CHLORO-3-METHYLPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:36 10/8
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:36 10/8
2,4-DINITROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	200	MCG/L	CM P:36 10/8
4-NITROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	200	MCG/L	CM P:36 10/8
2-METHYL-4,6-DINITROPHENOL	(TCLP) SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:36 10/8
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	200	MCG/L	CM P:36 10/8
PH FOR SOLIDS MEASURED IN H20	SW-846 9045	8.2		SU	CC 10/1
ANILINE (TCLP)	SW-846 METHOD 8270 BASE-NEUTRALS	ND	40	MCG/L	CM P:38 10/8
DIPHENYLAMINE (TCLP)	SW-846 METHOD 8270 BASE-NEUTRALS	84	40	MCG/L	CM P:38 10/8

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP9A-RN
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 03
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-MERCAPTOBENZOTHIAZOLE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	6,400	40	MCG/L	CM P:38 10/8
BENZOTHIAZOLE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	280	40	MCG/L	CM P:38 10/8
PHENOTHIAZINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

Attention: MR. RICHARD RALL

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP1A-WPS
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 04
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D11:131 9/30
EXTRACTION FOR TCLP B/N	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
SW-846 8270 BASE/NEUTRALS		COMPLETED			10/8
1,3-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
1,2-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
N-NITROSO-DIPROPYLAMINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
ISOPHORONE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
1,2,4-TRICHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
NAPHTHALENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
HEXACHLOROBUTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
2-CHLORONAPHTHALENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
DIMETHYL PHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
ACENAPHTHYLENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
ACENAPHTHENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
2,6-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
DIETHYL PHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
FLUORENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
N-NITROSODIPHENYLAMINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
4-BROMOPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
PHENANTHRENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
ANTHRACENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
DI-N-BUTYLPHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
FLUORANTHENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
PYRENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BUTYL-BENZYL PHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZO (a) ANTHRACENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
3-3-DICHLOROBENZIDIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	80	MCG/L	CM P:38 10/8

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REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP1A-WPS
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 04
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
(CONTINUED FROM PREVIOUS PAGE)					
CHRYSENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BIS-(2-ETHYL-HEXYL)-PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
DI-N-OCTYL-PHTHALATE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZO (b) FLUORANTHENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZO (k) FLUORANTHENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZO (a) PYRENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
INDENO-(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:38 10/8
DIBENZO (a,h) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS (TCLP)	ND	40	MCG/L	CM P:39 10/8
BENZO-(G,H,I)-PERYLENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
DIBENZOFURAN (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZYL ALCOHOL (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BENZOIC ACID (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
4-CHLOROANILINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
2-METHYLNAPHTHALENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
2-NITROANILINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
4-NITROANILINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
3-NITROANILINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
BIS(2-CHLOROETHYL)ETHER (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
SW-846 8270 ACID EXTRACTABLES		COMPLETED			10/8
PHENOL (TCLP)	SW-846 METHOD 8270	ND	40	MCG/L	CM P:38 10/8
2-CHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:38 10/8
2-NITROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:38 10/8
2,4-DIMETHYLPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:38 10/8
2,4-DICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:38 10/8
4-CHLORO-3-METHYLPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:38 10/8
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:38 10/8
2,4-DINITROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	200	MCG/L	CM P:38 10/8
4-NITROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	200	MCG/L	CM P:38 10/8
2-METHYL-4,6-DINITROPHENOL	(TCLP) SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:38 10/8
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	200	MCG/L	CM P:38 10/8
ANILINE (TCLP)	SW-846 METHOD 8270 BASE-NEUTRALS	ND	40	MCG/L	CM P:38 10/8
DIPHENYLAMINE (TCLP)	SW-846 METHOD 8270 BASE-NEUTRALS	ND	40	MCG/L	CM P:38 10/8
2-MERCAPTOBENZOTHIAZOLE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP1A-WPS
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 04
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
(CONTINUED FROM PREVIOUS PAGE)					
BENZOTHIAZOLE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
PHENOTHIAZINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:38 10/8
PH FOR SOLIDS MEASURED IN H2O	SW-846 9045	8.2		SU	CC 10/1

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP9A-RsSOIL
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 05
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D11:131 9/30
ZERO HEADSPACE EXTRACTION	SW-846 METHOD 1311	EXTRACTED			ACM 10/1
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			JB 10/7
BENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
CARBON TETRACHLORIDE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
CHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
CHLOROFORM (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
1,2-DICHLOROETHANE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
1,1-DICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
METHYL ETHYL KETONE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	JB G:100 10/7
TETRACHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
TRICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
VINYL CHLORIDE (TCLP)	SW-846 METHOD 8240	11	10	MCG/L	JB G:100 10/7
O-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	49	MCG/L	CM P:27 10/2
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	240	MCG/L	CM P:27 10/2
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	41	MCG/L	CM P:27 10/2
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:27 10/2
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	120	MCG/L	CM P:27 10/2
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	41	MCG/L	CM P:27 10/2
HEXACHLOROBUTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	43	MCG/L	CM P:27 10/2
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	42	MCG/L	CM P:27 10/2
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:27 10/2
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	56	MCG/L	CM P:27 10/2
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	47	MCG/L	CM P:27 10/2
EXTRACTION FOR TCLP B/N	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
CHLORDANE (TCLP)	SW-846 METHOD 8080	ND	20	MCG/L	GC3 E:89 9/2
ENDRIN (TCLP)	SW-846 METHOD 8080	ND	2.1	MCG/L	GC3 E:89 9/2
HEPTACHLOR (TCLP)	SW-846 METHOD 8080	ND	2.3	MCG/L	GC3 E:89 10/2
LINDANE (TCLP)	SW-846 METHOD 8080	ND	2.3	MCG/L	GC3 E:89 10/2
METHOXYCHLOR (TCLP)	SW-846 METHOD 8080	D	2.1	MCG/L	GC3 E:89 10/2
TOXAPHENE (TCLP)	SW-846 METHOD 8080	ND	40	MCG/L	GC3 E:89 10/2
HEPTACHLOR EPOXIDE (TCLP)	SW-846 METHOD 8080	ND	2.2	MCG/L	GC3 E:89 10/2
EXTRACTION FOR TCLP PESTICIDES	SW-846 METHOD 8080	EXTRACTED			ACM 9/30
2,4-D (TCLP)	SW-846 METHOD 8150	ND	2.1	MCG/L	GC3 E:93 10/6

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP9A-RsSOIL
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 05
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2,4,5-TP (SILVEX) (TCLP)	SW-846 METHOD 8150	ND	2.0	MCG/L	GC3 E:93 10/6
EXTRACTION FOR TCLP HERBICIDES	SW-846 METHOD 8150	EXTRACTED			ACM 10/3
ARSENIC, BY TCLP	SW-846 METHOD 1311	ND	0.10	MG/L	A-5:148 10/6
BARIUM, BY TCLP	SW-846 METHOD 1311	2.6	0.14	MG/L	A-5;146 10/5
CADMIUM, BY TCLP	SW-846 METHOD 1311	ND	0.005	MG/L	A-5;146 10/5
CHROMIUM, BY TCLP	SW-846 METHOD 1311	ND	0.011	MG/L	A-5;146 10/5
LEAD, BY TCLP	SW-846 METHOD 1311	ND	0.052	MG/L	A-5:146 10/5
MERCURY PREPARATION - TCLP	SW-846 METHOD 1311	COMPLETED			D11:136 10/2
MERCURY, BY TCLP	SW-846 METHOD 1311	ND	0.0002	MG/L	E-1:73 10/5
SELENIUM, BY TCLP	SW-846 METHOD 1311	ND	0.10	MG/L	A-5:146 10/5
SILVER, BY TCLP	SW-846 METHOD 1311	ND	0.013	MG/L	A-5:146 10/5
ACID DIGESTION ON TCLP EXTRACTS	SW-846 3010	COMPLETED			D11:133 10/1
REACTIVE CYANIDE	SW-846 METHOD 7.3.3.2	*			9/29
REACTIVE SULFIDE	SW-846 METHOD 7.3.4.2	ND	2	MG/KG	JDA:55 10/12/92
CYANIDE, TOTAL W/DISTILL.	EPA 1983 (335.2)	ND	0.59	MG/KG	CC 8/25/92
CYANIDE DISTILLATION	STD. METHODS 17TH ED. 4500-CN C	COMPLETED			EP 8/20/92
CORROSIVITY	EPA,EVAL.SOLID WASTE,1980.40 CFR 261.22	NON-CORROS			CC 8/29/92
PH FOR SOLIDS MEASURED IN H2O	SW-846 9045	8.0		SU	CC 10/1
IGNITABILITY	EPA METHOD-1010	>200	55	o F	CC 8/27/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

Attention: MR. RICHARD RALL

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP1A-WPSOIL
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 06
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters	Standard Methodology Used	Results	PQL	Unit	Analyst Reference
TCLP EXTRACTION	SW-846 METHOD 1311	COMPLETED			D11:131 9/30
ZERO HEADSPACE EXTRACTION	SW-846 METHOD 1311	EXTRACTED			ACM 10/3
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			JB 10/7
BENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
CARBON TETRACHLORIDE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
CHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
CHLOROFORM (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
1,4-DICHLOROBENZENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
1,2-DICHLOROETHANE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
1,1-DICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
METHYL ETHYL KETONE (TCLP)	SW-846 METHOD 8240	ND	10	MCG/L	JB G:100 10/7
TETRACHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
TRICHLOROETHYLENE (TCLP)	SW-846 METHOD 8240	ND	5	MCG/L	JB G:100 10/7
VINYL CHLORIDE (TCLP)	SW-846 METHOD 8240	D	10	MCG/L	JB G:100 10/7
O-CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:37 10/9
PENTACHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	200	MCG/L	CM P:37 10/9
2,4,5-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:37 10/9
2,4,6-TRICHLOROPHENOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	40	MCG/L	CM P:37 10/9
M & P CRESOL (TCLP)	SW-846 METHOD 8270 ACID FRACTION	ND	82	MCG/L	CM P:37 10/9
EXTRACTION FOR TCLP ACID/EXT.	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
HEXACHLOROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:37 10/9
HEXACHLOROBUTADIENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:37 10/9
PYRIDINE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:37 10/9
2,4-DINITROTOLUENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	40	MCG/L	CM P:37 10/9
HEXACHLOROETHANE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	44	MCG/L	CM P:37 10/9
NITROBENZENE (TCLP)	SW-846 METHOD 8270 BASE/NEUTRALS	ND	41	MCG/L	CM P:37 10/9
EXTRACTION FOR TCLP B/N	SW-846 METHOD 8270	EXTRACTED			ACM 10/2
CHLORDANE (TCLP)	SW-846 METHOD 8080	ND	2.2	MCG/L	GC3 E:90 10/4
ENDRIN (TCLP)	SW-846 METHOD 8080	ND	0.23	MCG/L	GC3 E:90 10/4
HEPTACHLOR (TCLP)	SW-846 METHOD 8080	ND	0.24	MCG/L	GC3 E:90 10/4
LINDANE (TCLP)	SW-846 METHOD 8080	ND	0.23	MCG/L	GC3 E:90 10/4
METHOXYCHLOR (TCLP)	SW-846 METHOD 8080	ND	0.23	MCG/L	GC3 E:90 10/4
TOXAPHENE (TCLP)	SW-846 METHOD 8080	ND	4.0	MCG/L	GC3 E:90 10/4
HEPTACHLOR EPOXIDE (TCLP)	SW-846 METHOD 8080	ND	0.23	MCG/L	GC3 E:90 10/4
EXTRACTION FOR TCLP PESTICIDES	SW-846 METHOD 8080	EXTRACTED			ACM 9/30
2,4-D (TCLP)	SW-846 METHOD 8150	ND	0.21	MCG/L	GC3 E:93 10/6

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REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 9209296

Attention: MR. RICHARD RALL

Purchase Order Number:
Date Sampled: 09/28/92 Time: 00:00
Sampled By : RALL
Sample Id: IRM-TP1A-WPSOIL
Location : IRM-CONNECTING ROAD SITE

CTM Sample No: 9209296 06
Date Received:
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2,4,5-TP (SILVEX) (TCLP)	SW-846 METHOD 8150	ND	0.20		
EXTRACTION FOR TCLP HERBICIDES	SW-846 METHOD 8150	EXTRACTED			ACM 10/3
ARSENIC, BY TCLP	SW-846 METHOD 1311	ND	0.10	MG/L	A-5:148 10/6
BARIUM, BY TCLP	SW-846 METHOD 1311	2.8	0.14	MG/L	A-5:146 10/5
CADMIUM, BY TCLP	SW-846 METHOD 1311	ND	0.005	MG/L	A-5:146 10/5
CHROMIUM, BY TCLP	SW-846 METHOD 1311	ND	0.011	MG/L	A-5:146 10/5
LEAD, BY TCLP	SW-846 METHOD 1311	0.11	0.061	MG/L	A-5:146 10/5
MERCURY PREPARATION - TCLP	SW-846 METHOD 1311	COMPLETED			D11:136 10/2
MERCURY, BY TCLP	SW-846 METHOD 1311	ND	0.0002	MG/L	E-1:73 10/5
SELENIUM, BY TCLP	SW-846 METHOD 1311	ND	0.10	MG/L	A-5:146 10/5
SILVER, BY TCLP	SW-846 METHOD 1311	ND	0.013	MG/L	A-5:146 10/5
ACID DIGESTION ON TCLP EXTRACTS	SW-846 3010	COMPLETED			D11:133 10/1
REACTIVE CYANIDE	SW-846 METHOD 7.3.3.2	*			9/29
REACTIVE SULFIDE	SW-846 METHOD 7.3.4.2	ND	2	MG/KG	JDA:55 10/12/92
CYANIDE, TOTAL W/DISTILL.	EPA 1983 (335.2)	ND	0.68	MG/KG	CC 8/25/92
CYANIDE DISTILLATION	STD. METHODS 17TH ED. 4500-CN C	COMPLETED			CC 8/25/92
CORROSIVITY	EPA,EVAL.SOLID WASTE,1980.40 CFR 261.22	NON CORROS			CC 10/8
PH FOR SOLIDS MEASURED IN H2O	SW-846 9045	8.0		SU	CC 8/29/92
IGNITABILITY	EPA METHOD-1010	>200	70	oF	CC 10/9

REMARKS:

AUTHORIZED FOR RELEASE:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40SB
Location : BENDERSON IRM

CTM Sample No: 920819J 02
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			CM 8/28
EXTRACTION FOR TCL - ACIDS		EXTRACTED			ACM 8/21
EXTRACTION FOR TCL B/N		EXTRACTED			ACM 8/21
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
BENZOIC AICD	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-CHLOROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
2-CHLORONAPTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40SB
Location : BENDERSON IRM

CTM Sample No: 920819J 02
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
DIBENZOFURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DI-N-BUTYLPHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
PH	STD. METH. 15TH ED.423	7.9		SU	CC 8/29
ANILINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40SB
Location : BENDERSON IRM

CTM Sample No: 920819J 02
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
DIPHENYLAMINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-MERCAPTOBENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
PHENOTHIAZINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920818H

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/17/92 Time: 2:00 PM
Sampled By : JONES
Sample Id: TP-45A
Location : BENDERSON IRM

CTM Sample No: 920818H 08
Date Received: 08/18/92
Collection Method: GRAB
Matrix: SOLID

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			CM 0:130 8/29/92
EXTRACTION FOR TCL - ACIDS		EXTRACTED			ACM 8/21
EXTRACTION FOR TCL B/N		EXTRACTED			ACM 8/21
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCG/KG	CM 0:130 8/29/92
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCG/KG	CM 0:130 8/29/92
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,700	MCG/KG	CM 0:130 8/29/92
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCG/KG	CM 0:130 8/29/92
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCG/KG	CM 0:130 8/29/92
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCG/KG	CM 0:130 8/29/92
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCG/KG	CM 0:130 8/29/92
BENZOIC AICD	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,300	MCG/KG	CM 0:130 8/29/92
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCG/KG	CM 0:130 8/29/92
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
4-CHLOROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,700	MCG/KG	CM 0:130 8/29/92
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	1,700	MCG/KG	CM 0:130 8/29/92
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCG/KG	CM 0:130 8/29/92
2-CHLORONAPTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,300	MCG/KG	CM 0:130 8/29/92
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,300	MCG/KG	CM 0:130 8/29/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920818H

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/17/92 Time: 2:00 PM
Sampled By : JONES
Sample Id: TP-45A
Location : BENDERSON IRM

CTM Sample No: 920818H 08
Date Received: 08/18/92
Collection Method: GRAB
Matrix: SOLID

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,300	MCG/KG	CM 0:130 8/29/92
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,300	MCG/KG	CM 0:130 8/29/92
DIBENZOFURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,700	MCG/KG	CM 0:130 8/29/92
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,300	MCG/KG	CM 0:130 8/29/92
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,300	MCG/KG	CM 0:130 8/29/92
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
DI-N-BUTYLPHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,700	MCG/KG	CM 0:130 8/29/92
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	870	MCG/KG	CM 0:130 8/29/92
PH	STD. METH. 15TH ED.423	8.6		SU	CC 8/29
ANILINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920818H

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/17/92 Time: 2:00 PM
Sampled By : JONES
Sample Id: TP-45A
Location : BENDERSON IRM

CTM Sample No: 920818H 08
Date Received: 08/18/92
Collection Method: GRAB
Matrix: SOLID

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
DIPHENYLAMINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
2-MERCAPTOBENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	520,000	870	MCG/KG	CM 0:130 8/29/92
BENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	870	870	MCG/KG	CM 0:130 8/29/92
PHENOTHIAZINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	870	MCG/KG	CM 0:130 8/29/92
% SOLIDS	CLP SOW 4/89	76.2		%	CC 8/18

REMARKS:

AUTHORIZED FOR RELEASE:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2WPA

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 4.000 (g/mL) G Lab File ID: C2284

Level: (low/med) MED Date Received: 08/18/92

% Moisture: not dec. 53. Date Analyzed: 08/24/92

GC Column: DB-624 ID: .53 (mm) Dilution Factor: 500.0

Soil Extract Volume: 10000. (uL) Soil Aliquot Volume: 10000. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12000.	BJ
74-83-9	Bromomethane	12000.	BJ
75-01-4	Vinyl Chloride	270000.	E
75-00-3	Chloroethane	14000.	
75-09-2	Methylene Chloride	1800.	BJ
67-64-1	Acetone	4900.	BJ
75-15-0	Carbon Disulfide	13000.	U
75-35-4	1,1-Dichloroethene	13000.	U
75-34-3	1,1-Dichloroethane	160000.	
544-59-2	1,2-Dichloroethene (total)	20000.	
67-66-3	Chloroform	13000.	U
107-06-2	1,2-Dichloroethane	8400.	J
78-93-3	2-Butanone (MEK)	24000.	B
71-55-6	1,1,1-Trichloroethane	13000.	U
56-23-5	Carbon Tetrachloride	13000.	U
75-27-4	Bromodichloromethane	13000.	U
78-87-5	1,2-Dichloropropane	13000.	U
10061-01-5	cis-1,3-Dichloropropene	13000.	U
79-01-6	Trichloroethene	13000.	U
124-48-1	Dibromochloromethane	13000.	U
79-00-5	1,1,2-Trichloroethane	13000.	U
71-43-2	Benzene	13000.	U
10061-02-6	trans-1,3-Dichloropropene	13000.	U
75-25-2	Bromoform	13000.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13000.	U
591-78-6	2-Hexanone	13000.	U
127-18-4	Tetrachloroethene	13000.	U
79-34-5	1,1,2,2-Tetrachloroethane	13000.	U
108-88-3	Toluene	13000.	U
108-90-7	Chlorobenzene	13000.	U
100-41-4	Ethylbenzene	13000.	U
100-42-5	Styrene	13000.	U
1330-20-7	Xylenes (total)	13000.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-2WPA

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 4.000 (g/mL) G Lab File ID: C2284

Level: (low/med) MED Date Received: 08/18/92

% Moisture: not dec. 53. Date Analyzed: 08/24/92

GC Column: DB-624 ID: .53 (mm) Dilution Factor: 500.0

Soil Extract Volume: 10000. (uL) Soil Aliquot Volume: 10000. (uL)

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- -	UNKNOWN	4.09	300000.	J
2.	624-89-5	Ethane, (methylthio)-	10.53	7000.	J N
3.	109-69-3	Butane, 1-chloro-	11.61	20000.	J N
4.					
5.					
6.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2WPA RE

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 4.000 (g/mL) G Lab File ID: C2289

Level: (low/med) MED Date Received: 08/18/92

% Moisture: not dec. 53. Date Analyzed: 08/24/92

GC Column: DB-624 ID: .53 (mm) Dilution Factor:25000.0

Soil Extract Volume: 10000. (uL) Soil Aliquot Volume: 10000. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	670000.	U
74-83-9	Bromomethane	100000.	BJ
75-01-4	Vinyl Chloride	12000000.	
75-00-3	Chloroethane	670000.	U
75-09-2	Methylene Chloride	630000.	BJ
67-64-1	Acetone	670000.	U
75-15-0	Carbon Disulfide	670000.	U
75-35-4	1,1-Dichloroethene	670000.	U
75-34-3	1,1-Dichloroethane	670000.	U
544-59-2	1,2-Dichloroethene (total)	670000.	U
67-66-3	Chloroform	670000.	U
107-06-2	1,2-Dichloroethane	670000.	U
78-93-3	2-Butanone (MEK)	860000.	B
71-55-6	1,1,1-Trichloroethane	670000.	U
56-23-5	Carbon Tetrachloride	670000.	U
75-27-4	Bromodichloromethane	670000.	U
78-87-5	1,2-Dichloropropane	670000.	U
10061-01-5	cis-1,3-Dichloropropene	670000.	U
79-01-6	Trichloroethene	670000.	U
124-48-1	Dibromochloromethane	670000.	U
79-00-5	1,1,2-Trichloroethane	670000.	U
71-43-2	Benzene	670000.	U
10061-02-6	trans-1,3-Dichloropropene	670000.	U
75-25-2	Bromoform	670000.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	670000.	U
591-78-6	2-Hexanone	670000.	U
127-18-4	Tetrachloroethene	670000.	U
79-34-5	1,1,2,2-Tetrachloroethane	670000.	U
108-88-3	Toluene	670000.	U
108-90-7	Chlorobenzene	670000.	U
100-41-4	Ethylbenzene	670000.	U
100-42-5	Styrene	670000.	U
1330-20-7	Xylenes (total)	670000.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-2WPA RE

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 4.000 (g/mL) G Lab File ID: C2289

Level: (low/med) MED Date Received: 08/18/92

% Moisture: not dec. 53. Date Analyzed: 08/24/92

GC Column: DB-624 ID: .53 (mm) Dilution Factor:25000.0

Soil Extract Volume: 10000. (uL) Soil Aliquot Volume: 10000. (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	110-54-3	Hexane	9.34	700000.	BJ N
2.	- -	UNKNOWN	10.37	500000.	J
3.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-4R

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-02

Sample wt/vol: 5.000 (g/mL) G Lab File ID: A2685

Level: (low/med) LOW Date Received: 08/18/92

% Moisture: not dec. 21. Date Analyzed: 08/27/92

GC Column: DB-624 ID: .53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13.	U
74-83-9	Bromomethane	13.	U
75-01-4	Vinyl Chloride	13.	U
75-00-3	Chloroethane	13.	U
75-09-2	Methylene Chloride	11.	J
67-64-1	Acetone	13.	U
75-15-0	Carbon Disulfide	13.	U
75-35-4	1,1-Dichloroethene	13.	U
75-34-3	1,1-Dichloroethane	13.	U
544-59-2	1,2-Dichloroethene (total)	13.	U
67-66-3	Chloroform	13.	U
107-06-2	1,2-Dichloroethane	13.	U
78-93-3	2-Butanone (MEK)	13.	U
71-55-6	1,1,1-Trichloroethane	13.	U
56-23-5	Carbon Tetrachloride	13.	U
75-27-4	Bromodichloromethane	13.	U
78-87-5	1,2-Dichloropropane	13.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U
79-01-6	Trichloroethene	13.	U
124-48-1	Dibromochloromethane	13.	U
79-00-5	1,1,2-Trichloroethane	13.	U
71-43-2	Benzene	13.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U
75-25-2	Bromoform	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U
591-78-6	2-Hexanone	13.	U
127-18-4	Tetrachloroethene	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U
108-88-3	Toluene	13.	U
108-90-7	Chlorobenzene	13.	U
100-41-4	Ethylbenzene	13.	U
100-42-5	Styrene	13.	U
1330-20-7	Xylenes (total)	13.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-4R

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-02

Sample wt/vol: 5.000 (g/mL) G Lab File ID: A2685

Level: (low/med) LOW Date Received: 08/18/92

% Moisture: not dec. 21. Date Analyzed: 08/27/92

GC Column: DB-624 ID: .53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	76-13-1	Ethane, 1,1,2-trichloro-1,2,	6.69	20.	J N
2.	110-54-3	Hexane	8.55	10.	BJ N
3.	624-92-0	Disulfide, dimethyl	13.98	10.	J N
4.	- -	UNKNOWN	18.19	200.	J
5.	- -	UNKNOWN	19.50	10.	J
6.	- -	UNKNOWN	20.26	60.	J
7.	- -	UNKNOWN	21.34	100.	J
8.	95-16-9	Benzothiazole	29.00	300.	J N
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2WPA

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2820

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 53. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/21/92

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	21000.	U
111-44-4	bis(2-Chloroethyl)ether	21000.	U
95-57-8	2-Chlorophenol	21000.	U
541-73-1	1,3-Dichlorobenzene	21000.	U
106-46-7	1,4-Dichlorobenzene	21000.	U
95-50-1	1,2-Dichlorobenzene	21000.	U
95-48-7	2-Methylphenol	21000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	21000.	U
106-44-5	4-Methylphenol	21000.	U
621-64-7	N-Nitroso-di-n-propylamine	21000.	U
67-72-1	Hexachloroethane	21000.	U
98-95-3	Nitrobenzene	21000.	U
78-59-1	Isophorone	21000.	U
88-75-5	2-Nitrophenol	21000.	U
105-67-9	2,4-Dimethylphenol	21000.	U
111-91-1	bis(2-Chloroethoxy)methane	21000.	U
120-83-2	2,4-Dichlorophenol	21000.	U
120-82-1	1,2,4-Trichlorobenzene	21000.	U
91-20-3	Naphthalene	21000.	U
106-47-8	4-Chloroaniline	21000.	U
87-68-3	Hexachlorobutadiene	21000.	U
59-50-7	4-Chloro-3-methylphenol	21000.	U
91-57-6	2-Methylnaphthalene	21000.	U
77-47-4	Hexachlorocyclopentadiene	21000.	U
88-06-2	2,4,6-Trichlorophenol	21000.	U
95-95-4	2,4,5-Trichlorophenol	53000.	U
91-58-7	2-Chloronaphthalene	21000.	U
88-74-4	2-Nitroaniline	53000.	U
131-11-3	Dimethylphthalate	21000.	U
208-96-8	Acenaphthylene	21000.	U
606-20-2	2,6-Dinitrotoluene	21000.	U
99-09-2	3-Nitroaniline	53000.	U
83-32-9	Acenaphthene	21000.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2WPA

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2820

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 53. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/21/92

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	53000.	U
100-02-7	4-Nitrophenol	53000.	U
132-64-9	Dibenzofuran	21000.	U
121-14-2	2,4-Dinitrotoluene	21000.	U
84-66-2	Diethylphthalate	21000.	U
7005-72-3	4-Chlorophenyl-phenylether	21000.	U
86-73-7	Fluorene	21000.	U
100-01-6	4-Nitroaniline	53000.	U
534-52-1	4,6-Dinitro-2-methylphenol	53000.	U
86-30-6	N-Nitrosodiphenylamine	20000.	J
101-55-3	4-Bromophenyl-phenylether	21000.	U
118-74-1	Hexachlorobenzene	21000.	U
87-86-5	Pentachlorophenol	53000.	U
85-01-8	Phenanthrene	21000.	U
120-12-7	Anthracene	21000.	U
86-74-8	Carbazole	21000.	U
84-74-2	Di-n-butylphthalate	14000.	J
206-44-0	Fluoranthene	21000.	U
129-00-0	Pyrene	21000.	U
85-68-7	Butylbenzylphthalate	21000.	U
91-94-1	3,3'-Dichlorobenzidine	21000.	U
56-55-3	Benzo(a)anthracene	21000.	U
218-01-9	Chrysene	21000.	U
117-81-7	Bis(2-Ethylhexyl)phthalate	34000.	
117-84-0	Di-n-octylphthalate	21000.	U
205-99-2	Benzo(b)fluoranthene	21000.	U
207-08-9	Benzo(k)fluoranthene	21000.	U
50-32-8	Benzo(a)pyrene	21000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	21000.	U
53-70-3	Dibenz(a,h)anthracene	21000.	U
191-24-2	Benzo(g,h,i)perylene	21000.	U

(1) - Cannot be separated from diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-2WPA

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2820

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 53. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/21/92

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.0

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	108-94-1	Cyclohexanone	9.38	50000.	J N
2.	62-53-3	Benzenamine	11.16	10000.	J N
3.	106-49-0	Benzenamine, 4-methyl-	13.07	9000.	J N
4.	95-16-9	Benzothiazole	15.97	200000.	J N
5.	112-53-8	1-Dodecanol	19.38	10000.	J N
6.	105-76-0	2-Butenedioic acid (Z)-, dib	20.22	500000.	J N
7.	- -	UNKNOWN	20.47	9000.	J
8.	7283-69-4	2-Butenedioic acid (E)-, bis	20.83	90000.	J N
9.	- -	UNKNOWN	23.98	50000.	J
10.	149-30-4	2(3H)-Benzothiazolethione	25.68	30000.	J N
11.	- -0	BUTYL MYRISTATE (BUTYL TETRA	27.53	70000.	J N
12.	593-49-7	Heptacosane	27.68	200000.	J N
13.	- -	UNKNOWN	28.92	300000.	J
14.	123-95-5	Octadecanoic acid, butyl est	29.38	30000.	BJ N
15.	630-03-5	Nonacosane	29.48	20000.	J N
16.	22412-97-1	Dodecanoic acid, tetradecyl	30.09	30000.	J N
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2WPA RE

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2851

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 53. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/23/92

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	21000.	U
111-44-4	bis(2-Chloroethyl)ether	21000.	U
95-57-8	2-Chlorophenol	21000.	U
541-73-1	1,3-Dichlorobenzene	21000.	U
106-46-7	1,4-Dichlorobenzene	21000.	U
95-50-1	1,2-Dichlorobenzene	21000.	U
95-48-7	2-Methylphenol	21000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	21000.	U
106-44-5	4-Methylphenol	21000.	U
621-64-7	N-Nitroso-di-n-propylamine	21000.	U
67-72-1	Hexachloroethane	21000.	U
98-95-3	Nitrobenzene	21000.	U
78-59-1	Isophorone	21000.	U
88-75-5	2-Nitrophenol	21000.	U
105-67-9	2,4-Dimethylphenol	21000.	U
111-91-1	bis(2-Chloroethoxy)methane	21000.	U
120-83-2	2,4-Dichlorophenol	21000.	U
120-82-1	1,2,4-Trichlorobenzene	21000.	U
91-20-3	Naphthalene	21000.	U
106-47-8	4-Chloroaniline	21000.	U
87-68-3	Hexachlorobutadiene	21000.	U
59-50-7	4-Chloro-3-methylphenol	21000.	U
91-57-6	2-Methylnaphthalene	21000.	U
77-47-4	Hexachlorocyclopentadiene	21000.	U
88-06-2	2,4,6-Trichlorophenol	21000.	U
95-95-4	2,4,5-Trichlorophenol	53000.	U
91-58-7	2-Chloronaphthalene	21000.	U
88-74-4	2-Nitroaniline	53000.	U
131-11-3	Dimethylphthalate	21000.	U
208-96-8	Acenaphthylene	21000.	U
606-20-2	2,6-Dinitrotoluene	21000.	U
99-09-2	3-Nitroaniline	53000.	U
83-32-9	Acenaphthene	21000.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2WPA RE

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2851

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 53. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/23/92

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	53000.	U
100-02-7	4-Nitrophenol	53000.	U
132-64-9	Dibenzofuran	21000.	U
121-14-2	2,4-Dinitrotoluene	21000.	U
84-66-2	Diethylphthalate	21000.	U
7005-72-3	4-Chlorophenyl-phenylether	21000.	U
86-73-7	Fluorene	21000.	U
100-01-6	4-Nitroaniline	53000.	U
534-52-1	4,6-Dinitro-2-methylphenol	53000.	U
86-30-6	N-Nitrosodiphenylamine	17000.	J
101-55-3	4-Bromophenyl-phenylether	21000.	U
118-74-1	Hexachlorobenzene	21000.	U
87-86-5	Pentachlorophenol	53000.	U
85-01-8	Phenanthrene	21000.	U
120-12-7	Anthracene	21000.	U
86-74-8	Carbazole	21000.	U
84-74-2	Di-n-butylphthalate	13000.	J
206-44-0	Fluoranthene	21000.	U
129-00-0	Pyrene	21000.	U
85-68-7	Butylbenzylphthalate	21000.	U
91-94-1	3,3'-Dichlorobenzidine	21000.	U
56-55-3	Benzo(a)anthracene	21000.	U
218-01-9	Chrysene	21000.	U
117-81-7	Bis(2-Ethylhexyl)phthalate	28000.	
117-84-0	Di-n-octylphthalate	21000.	U
205-99-2	Benzo(b)fluoranthene	21000.	U
207-08-9	Benzo(k)fluoranthene	21000.	U
50-32-8	Benzo(a)pyrene	21000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	21000.	U
53-70-3	Dibenz(a,h)anthracene	21000.	U
191-24-2	Benzo(g,h,i)perylene	21000.	U

(1) - Cannot be separated from diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP-2WPA RE

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2851

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 53. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/23/92

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.0

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	108-94-1	Cyclohexanone	9.38	50000.	J N
2.	62-53-3	Benzenamine	11.17	10000.	J N
3.	95-16-9	Benzothiazole	15.98	300000.	J N
4.	112-53-8	1-Dodecanol	19.38	10000.	J N
5.	105-76-0	2-Butenedioic acid (Z)-, dib	20.21	500000.	J N
6.	7283-69-4	2-Butenedioic acid (E)-, bis	20.81	90000.	J N
7.	- -	UNKNOWN	23.99	50000.	J
8.	149-30-4	2(3H)-Benzothiazolethione	25.67	30000.	J N
9.	111-06-8	Hexadecanoic acid, butyl est	27.52	400000.	BJ N
10.	629-78-7	Heptadecane	27.67	300000.	J N
11.	629-78-7	Heptadecane	28.59	60000.	J N
12.	- -	UNKNOWN	28.91	300000.	J
13.	- -	UNKNOWN	29.37	100000.	J
14.	- -	UNKNOWN HYDROCARBON	29.48	70000.	J
15.	630-02-4	Octacosane	30.36	30000.	J N
16.	630-06-8	Hexatriacontane	31.28	20000.	J N
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP4R

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-02

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2824

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 21. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/22/92

Injection Volume: 2.0 (uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1300000.	U
111-44-4	bis(2-Chloroethyl)ether	1300000.	U
95-57-8	2-Chlorophenol	1300000.	U
541-73-1	1,3-Dichlorobenzene	1300000.	U
106-46-7	1,4-Dichlorobenzene	1300000.	U
95-50-1	1,2-Dichlorobenzene	1300000.	U
95-48-7	2-Methylphenol	1300000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1300000.	U
106-44-5	4-Methylphenol	1300000.	U
621-64-7	N-Nitroso-di-n-propylamine	1300000.	U
67-72-1	Hexachloroethane	1300000.	U
98-95-3	Nitrobenzene	1300000.	U
78-59-1	Isophorone	1300000.	U
88-75-5	2-Nitrophenol	1300000.	U
105-67-9	2,4-Dimethylphenol	1300000.	U
111-91-1	bis(2-Chloroethoxy)methane	1300000.	U
120-83-2	2,4-Dichlorophenol	1300000.	U
120-82-1	1,2,4-Trichlorobenzene	1300000.	U
91-20-3	Naphthalene	1300000.	U
106-47-8	4-Chloroaniline	1300000.	U
87-68-3	Hexachlorobutadiene	1300000.	U
59-50-7	4-Chloro-3-methylphenol	1300000.	U
91-57-6	2-Methylnaphthalene	1300000.	U
77-47-4	Hexachlorocyclopentadiene	1300000.	U
88-06-2	2,4,6-Trichlorophenol	1300000.	U
95-95-4	2,4,5-Trichlorophenol	3100000.	U
91-58-7	2-Chloronaphthalene	1300000.	U
88-74-4	2-Nitroaniline	3100000.	U
131-11-3	Dimethylphthalate	1300000.	U
208-96-8	Acenaphthylene	1300000.	U
606-20-2	2,6-Dinitrotoluene	1300000.	U
99-09-2	3-Nitroaniline	3100000.	U
83-32-9	Acenaphthene	1300000.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP4R

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-02

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2824

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 21. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/22/92

Injection Volume: 2.0 (uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3100000.	U
100-02-7	4-Nitrophenol	3100000.	U
132-64-9	Dibenzofuran	1300000.	U
121-14-2	2,4-Dinitrotoluene	1300000.	U
84-66-2	Diethylphthalate	52000.	J
7005-72-3	4-Chlorophenyl-phenylether	1300000.	U
86-73-7	Fluorene	1300000.	U
100-01-6	4-Nitroaniline	3100000.	U
534-52-1	4,6-Dinitro-2-methylphenol	3100000.	U
86-30-6	N-Nitrosodiphenylamine	5800000.	
101-55-3	4-Bromophenyl-phenylether	1300000.	U
118-74-1	Hexachlorobenzene	1300000.	U
87-86-5	Pentachlorophenol	3100000.	U
85-01-8	Phenanthrene	1300000.	U
120-12-7	Anthracene	1300000.	U
86-74-8	Carbazole	1300000.	U
84-74-2	Di-n-butylphthalate	1300000.	U
206-44-0	Fluoranthene	1300000.	U
129-00-0	Pyrene	1300000.	U
85-68-7	Butylbenzylphthalate	1300000.	U
91-94-1	3,3'-Dichlorobenzidine	1300000.	U
56-55-3	Benzo(a)anthracene	1300000.	U
218-01-9	Chrysene	1300000.	U
117-81-7	Bis(2-Ethylhexyl)phthalate	1300000.	U
117-84-0	Di-n-octylphthalate	1300000.	U
205-99-2	Benzo(b)fluoranthene	1300000.	U
207-08-9	Benzo(k)fluoranthene	1300000.	U
50-32-8	Benzo(a)pyrene	1300000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1300000.	U
53-70-3	Dibenz(a,h)anthracene	1300000.	U
191-24-2	Benzo(g,h,i)perylene	1300000.	U

(1) - Cannot be separated from diphenylamine

1F

EPA SAMPLE NO.

TP4R

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-02

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2824

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 21. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/22/92

Injection Volume: 2.0 (uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y pH: 7.6

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	62-53-3	Benzenamine	11.18	4000000.	J N
2.	95-16-9	Benzothiazole	16.08	50000000.	J N
3.	120-75-2	Benzothiazole, 2-methyl-	17.04	1000000.	J N
4.	103-70-8	Formamide, N-phenyl-	17.23	2000000.	J N
5.	615-22-5	Benzothiazole, 2-(methylthio	21.52	800000.	J N
6.	149-30-4	2(3H)-Benzothiazolethione	25.76	10000000.	J N
7.	111-06-8	Hexadecanoic acid, butyl est	27.52	2000000.	BJ N
8.	629-70-9	1-Hexadecanol, acetate	27.74	1000000.	J N
9.	- -	UNKNOWN HYDROCARBON	28.60	1000000.	J
10.	- -	UNKNOWN	28.97	100000000.	J
11.	203-12-3	Benzo[ghi]fluoranthene	29.19	6000000.	J N
12.	- -	UNKNOWN	29.37	1000000.	J
13.	- -0	2-(PHENYLTHIO)BENZOTHIAZOLE	29.54	3000000.	J N
14.	593-49-7	Heptacosane	30.36	600000.	J N
15.	203-12-3	Benzo[ghi]fluoranthene	30.59	2000000.	J N
16.	- -	UNKNOWN	32.15	600000.	J
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP4R RE

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-02

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2837

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 21. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/22/92

Injection Volume: 2.0 (uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1300000.	U
111-44-4	bis(2-Chloroethyl)ether	1300000.	U
95-57-8	2-Chlorophenol	1300000.	U
541-73-1	1,3-Dichlorobenzene	1300000.	U
106-46-7	1,4-Dichlorobenzene	1300000.	U
95-50-1	1,2-Dichlorobenzene	1300000.	U
95-48-7	2-Methylphenol	1300000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1300000.	U
106-44-5	4-Methylphenol	1300000.	U
621-64-7	N-Nitroso-di-n-propylamine	1300000.	U
67-72-1	Hexachloroethane	1300000.	U
98-95-3	Nitrobenzene	1300000.	U
78-59-1	Isophorone	1300000.	U
88-75-5	2-Nitrophenol	1300000.	U
105-67-9	2,4-Dimethylphenol	1300000.	U
111-91-1	bis(2-Chloroethoxy)methane	1300000.	U
120-83-2	2,4-Dichlorophenol	1300000.	U
120-82-1	1,2,4-Trichlorobenzene	1300000.	U
91-20-3	Naphthalene	1300000.	U
106-47-8	4-Chloroaniline	1300000.	U
87-68-3	Hexachlorobutadiene	1300000.	U
59-50-7	4-Chloro-3-methylphenol	1300000.	U
91-57-6	2-Methylnaphthalene	1300000.	U
77-47-4	Hexachlorocyclopentadiene	1300000.	U
88-06-2	2,4,6-Trichlorophenol	1300000.	U
95-95-4	2,4,5-Trichlorophenol	3100000.	U
91-58-7	2-Chloronaphthalene	1300000.	U
88-74-4	2-Nitroaniline	3100000.	U
131-11-3	Dimethylphthalate	1300000.	U
208-96-8	Acenaphthylene	1300000.	U
606-20-2	2,6-Dinitrotoluene	1300000.	U
99-09-2	3-Nitroaniline	3100000.	U
83-32-9	Acenaphthene	1300000.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP4R RE

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-02

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2837

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 21. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/22/92

Injection Volume: 2.0 (uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3100000.	U
100-02-7	4-Nitrophenol	3100000.	U
132-64-9	Dibenzofuran	1300000.	U
121-14-2	2,4-Dinitrotoluene	1300000.	U
84-66-2	Diethylphthalate	49000.	J
7005-72-3	4-Chlorophenyl-phenylether	1300000.	U
86-73-7	Fluorene	1300000.	U
100-01-6	4-Nitroaniline	3100000.	U
534-52-1	4,6-Dinitro-2-methylphenol	3100000.	U
86-30-6	N-Nitrosodiphenylamine (1)	6000000.	
101-55-3	4-Bromophenyl-phenylether	1300000.	U
118-74-1	Hexachlorobenzene	1300000.	U
87-86-5	Pentachlorophenol	3100000.	U
85-01-8	Phenanthrene	1300000.	U
120-12-7	Anthracene	1300000.	U
86-74-8	Carbazole	29000.	J
84-74-2	Di-n-butylphthalate	1300000.	U
206-44-0	Fluoranthene	1300000.	U
129-00-0	Pyrene	1300000.	U
85-68-7	Butylbenzylphthalate	1300000.	U
91-94-1	3,3'-Dichlorobenzidine	1300000.	U
56-55-3	Benzo(a)anthracene	1300000.	U
218-01-9	Chrysene	1300000.	U
117-81-7	Bis(2-Ethylhexyl)phthalate	1300000.	U
117-84-0	Di-n-octylphthalate	1300000.	U
205-99-2	Benzo(b)fluoranthene	1300000.	U
207-08-9	Benzo(k)fluoranthene	1300000.	U
50-32-8	Benzo(a)pyrene	1300000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1300000.	U
53-70-3	Dibenz(a,h)anthracene	1300000.	U
191-24-2	Benzo(g,h,i)perylene	1300000.	U

(1) - Cannot be separated from diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TP4R RE

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-02

Sample wt/vol: 1.000 (g/mL) G Lab File ID: B2837

Level: (low/med) MED Date Received: 08/17/92

% Moisture: 21. decanted: (Y/N) N Date Extracted: 08/19/92

Concentrated Extract Volume: 250.0 (uL) Date Analyzed: 09/22/92

Injection Volume: 2.0 (uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y pH: 7.6

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	95-16-9	Benzothiazole	16.09	50000000.	J N
2.	120-75-2	Benzothiazole, 2-methyl-	17.07	1000000.	J N
3.	103-70-8	Formamide, N-phenyl-	17.26	2000000.	J N
4.	615-22-5	Benzothiazole, 2-(methylthio	21.53	600000.	J N
5.	149-30-4	2(3H)-Benzothiazolethione	25.82	10000000.	J N
6.	92-84-2	Phenothiazine	26.78	500000.	J N
7.	111-06-8	Hexadecanoic acid, butyl est	27.54	2000000.	BJ N
8.	822-20-8	1-Heptadecanol, acetate	27.75	600000.	J N
9.	544-85-4	Dotriacontane	28.63	900000.	J N
10.	- -	UNKNOWN	29.01	100000000.	J
11.	203-12-3	Benzo[ghi]fluoranthene	29.20	6000000.	J N
12.	- -	UNKNOWN	29.39	900000.	J
13.	- -0	2-(PHENYLTHIO)BENZOTHIAZOLE	29.56	3000000.	J N
14.	203-12-3	Benzo[ghi]fluoranthene	30.61	2000000.	J N
15.	- -	UNKNOWN	32.18	800000.	J
16.	- -	UNKNOWN	32.69	600000.	J
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2WPA

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Matrix: (soil/water) SOIL Lab Sample ID: 92-0818-Z-01

Sample wt/vol: 30.9 (g/mL) G Lab File ID: E330

% Moisture: 53. decanted: (Y/N) N Date Received: 08/18/92

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/19/92

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 09/21/92

Injection Volume: 2.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	69.	U
319-85-7	beta-BHC	69.	U
319-86-8	delta-BHC	69.	U
58-89-9	gamma-BHC (Lindane)	69.	U
76-44-8	Heptachlor	69.	U
309-00-2	Aldrin	69.	U
1024-57-3	Heptachlor epoxide	69.	U
959-98-8	Endosulfan I	69.	U
60-57-1	Dieldrin	140.	U
72-55-9	4,4'-DDE	140.	U
72-20-8	Endrin	140.	U
33213-65-9	Endosulfan II	140.	U
72-54-8	4,4'-DDD	140.	U
1031-07-8	Endosulfan Sulfate	140.	U
50-29-3	4,4'-DDT	19.	J P
72-43-5	Methoxychlor	690.	U
53494-70-5	Endrin ketone	140.	U
7421-93-4	Endrin aldehyde	140.	U
5103-71-9	alpha-Chlordane	69.	U
5103-74-2	gamma-Chlordane	69.	U
8001-35-2	Toxaphene	690.	U
12674-11-2	Aroclor-1016	1400.	U
11104-28-2	Aroclor-1221	2800.	U
11141-16-5	Aroclor-1232	1400.	U
53469-21-9	Aroclor-1242	1400.	U
12672-29-6	Aroclor-1248	1400.	U
11097-69-1	Aroclor-1254	1400.	U
11096-82-5	Aroclor-1260	1400.	U

10A

PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

TP-2WPA

Lab Name: CTM Analytical Labs Ltd. Contract:

Lab Code: CTM Case No.: SAS No.: SDG No.: TP-2WP

Lab Sample ID: 92-0818-Z-01 Date(s) Analyzed: 09/21/92 09/21/92

Instrument ID (1): GC00E Instrument ID (2): GC00E

GC Column(1): DB-608 ID: .53 (mm) GC Column(2): DB-1701 ID: .53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDT	1	20.33	20.30	20.44	71.	273.7
	2	17.00	16.97	17.11	19.	
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP-2WPA

Lab Name: CTM_ANALYTICAL_LABORATORY Contract: _____

Lab Code: 10358_ Case No.: _____ SAS No.: _____ SDG No.: TP-2WP

Matrix (soil/water): SOIL_ Lab Sample ID: 818Z01-___

Level (low/med): LOW__ Date Received: 08/18/92

% Solids: _46.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	373		*	P
7440-36-0	Antimony_	12.6	U	N	P
7440-38-2	Arsenic__	0.39	U	WN	F
7440-39-3	Barium___	2.4	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium__	0.96	U		P
7440-70-2	Calcium__	3000			P
7440-47-3	Chromium_	2.0	U	*	P
7440-48-4	Cobalt___	3.2	U	N	P
7440-50-8	Copper___				NR
7439-89-6	Iron_____	835			P
7439-92-1	Lead_____	5.5		N*	F
7439-95-4	Magnesium	883	B		P
7439-96-5	Manganese	32.2		N	P
7439-97-6	Mercury__	0.09	B	N	AV
7440-02-0	Nickel___				NR
7440-09-7	Potassium	178	B		A
7782-49-2	Selenium_	0.46	U	N	F
7440-22-4	Silver___	2.5	U	N	P
7440-23-5	Sodium___	228	B		A
7440-28-0	Thallium_	0.80	U	W	F
7440-62-2	Vanadium_	10.8	U		P
7440-66-6	Zinc_____	13.4			P
_____	Cyanide__	1.0	U	N	AS
_____	_____	_____	_	_____	___

Color Before: WHITE____ Clarity Before: _____ Texture: FINE__

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

_____

_____

_____

_____

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP-2WPA

Lab Name: CTM_ANALYTICAL_LABORATORY Contract: _____

Lab Code: 10358_ Case No.: _____ SAS No.: _____ SDG No.: TP-2WP

Matrix (soil/water): SOIL_ Lab Sample ID: 818Z01-___

Level (low/med): LOW__ Date Received: 08/18/92

% Solids: _46.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__		_		NR
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___	5.3	B	N	P_
7439-89-6	Iron____		_		NR
7439-92-1	Lead____		_		NR
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___	6.3	U		P_
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
_____	Cyanide__		_		NR
_____	_____		_		___

Color Before: WHITE____ Clarity Before: _____ Texture: FINE__

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP-4R

Lab Name: CTM_ANALYTICAL_LABORATORY Contract: _____

Lab Code: 10358_ Case No.: _____ SAS No.: _____ SDG No.: TP-2WP

Matrix (soil/water): SOIL_ Lab Sample ID: 818Z02-___

Level (low/med): LOW__ Date Received: 08/18/92

% Solids: _79.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8470		*	P
7440-36-0	Antimony	8.3	U	N	P
7440-38-2	Arsenic	2.2	B	N	F
7440-39-3	Barium	53.0			P
7440-41-7	Beryllium	0.68	U		P
7440-43-9	Cadmium	0.64	U		P
7440-70-2	Calcium	5650			P
7440-47-3	Chromium	12.2		*	P
7440-48-4	Cobalt	2.1	U	N	P
7440-50-8	Copper				NR
7439-89-6	Iron	11900			P
7439-92-1	Lead	13.4		N*	F
7439-95-4	Magnesium	3490			P
7439-96-5	Manganese	237		N	P
7439-97-6	Mercury	0.06	B	N	AV
7440-02-0	Nickel				NR
7440-09-7	Potassium	1390			A
7782-49-2	Selenium	1.4	U	WN	F
7440-22-4	Silver	1.6	U	N	P
7440-23-5	Sodium	1460			A
7440-28-0	Thallium	0.48	U	W	F
7440-62-2	Vanadium	21.6			P
7440-66-6	Zinc	71.6			P
	Cyanide	0.59	U	N	AS

Color Before: GRAY-YELL Clarity Before: _____ Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: _____

Comments:

THIS_SAMPLE_IS_AN_OILY_CLAY_MIXTURE._____

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP-4R

Lab Name: CTM_ANALYTICAL_LABORATORY Contract: _____

Lab Code: 10358_ Case No.: _____ SAS No.: _____ SDG No.: TP-2WP

Matrix (soil/water): SOIL_ Lab Sample ID: 818Z02-___

Level (low/med): LOW__ Date Received: 08/18/92

% Solids: _79.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__		_		NR
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___	10.4	_	N	P_
7439-89-6	Iron____		_		NR
7439-92-1	Lead____		_		NR
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___	14.9	_		P_
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
_____	Cyanide__		_		NR
_____	_____		_		___

Color Before: GRAY-YELL Clarity Before: _____ Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: _____

Comments:

THIS_SAMPLE_IS_AN_OILY_CLAY_MIXTURE._____

_____

_____

_____

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
14 SEP 1992

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.0C076

Attention: RICK RALL

CTM Task #: 920819J

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Samoled By : JONES
Sample Id: TP-40S
Location : BENDERSON IRM

CTM Sample No: 920819J 01
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			CM 0:124 8/28
EXTRACTION FOR TCL - ACIDS		EXTRACTED			ACM 8/21
EXTRACTION FOR TCL B/N		EXTRACTED			ACM 8/21
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	850	MCG/KG	CM 0:124 8/28
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	850	MCG/KG	CM 0:124 8/28
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,700	MCG/KG	CM 0:124 8/28
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	850	MCG/KG	CM 0:124 8/28
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	850	MCG/KG	CM 0:124 8/28
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	850	MCG/KG	CM 0:124 8/28
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	850	MCG/KG	CM 0:124 8/28
BENZOIC AICD	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,300	MCG/KG	CM 0:124 8/28
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	850	MCG/KG	CM 0:124 8/28
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
4-CHLOROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,700	MCG/KG	CM 0:124 8/28
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	1,700	MCG/KG	CM 0:124 8/28
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	850	MCG/KG	CM 0:124 8/28
2-CHLORONAPTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,300	MCG/KG	CM 0:124 8/28
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	4,300	MCG/KG	CM 0:124 8/28

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.07076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40S
Location : BENDERSON IRM

CTM Sample No: 920819J 01
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,300	MCG/KG	CM 0:124 8/28
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,300	MCG/KG	CM 0:124 8/28
DIBENZOFURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,700	MCG/KG	CM 0:124 8/28
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,300	MCG/KG	CM 0:124 8/28
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	4,300	MCG/KG	CM 0:124 8/28
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
DI-N-BUTYLPHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	1,700	MCG/KG	CM 0:124 8/28
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	1,800	850	MCG/KG	CM 0:124 8/28
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM 0:124 8/28
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	850	MCG/KG	CM 0:124 8/28
PH	STD. METH. 15TH ED.423	8.0		SU	CC 8/29
ALUMINUM	ICP, EPA METHOD 6010	21,100	25.7	MG/KG	A-5:110 8/26

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40S
Location : BENDERSON IRM

CTM Sample No: 920819J 01
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
ANTIMONY	ICP, EPA METHOD 6010	ND	7.72	MG/KG	A-5:110 8/26
ARSENIC	ICP, EPA METHOD 6010	ND	12.9	MG/KG	A-5:110 8/26
BARIUM	ICP, EPA METHOD 6010	120	6.43	MG/KG	A-5:110 8/26
BERYLLIUM	ICP, EPA METHOD 6010	ND	0.64	MG/KG	A-5:110 8/26
CADMIUM	ICP, EPA METHOD 6010	ND	* 0.90	MG/KG	A-5:110 8/26
CALCIUM	ICP, EPA METHOD 6010	3,790	64.3	MG/KG	A-5:110 8/26
CHROMIUM	ICP, EPA METHOD 6010	31.9	1.29	MG/KG	A-5:110 8/26
COBALT	ICP, EPA METHOD 6010	27.6	6.43	MG/KG	A-5:110 8/26
COPPER	ICP, EPA METHOD 6010	25.7	6.43	MG/KG	A-5:110 8/26
IRON	ICP, EPA METHOD 6010	45,600	12.9	MG/KG	A-5:112 8/28
LEAD	ICP, EPA METHOD 6010	20.6	6.43	MG/KG	A-5:110 8/26
MAGNESIUM	ICP, EPA METHOD 6010	10,000	64.3	MG/KG	A-5:110 8/26
MANGANESE	ICP, EPA METHOD 6010	2,040	1.29	MG/KG	A-5:110 8/26
MERCURY	SW-846 7471	ND	0.124	MG/KG	E-01:54 8/25
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D11:69 8/21
NICKEL	ICP, EPA METHOD 6010	45.8	3.86	MG/KG	A-5:110 8/26
POTASSIUM	EPA METHODS, 1979,258.1	2,890	515	MG/KG	B-7:103 9/1
SELENIUM	SW-846 7740	ND	1.31	MG/KG	HGA:1098 8/31
SILVER	ICP, EPA METHOD 6010	ND	12.9	MG/KG	A-5:110 8/26
SODIUM	EPA METHODS, 1979,273.1	497	25.7	MG/KG	B-7:99 8/27
THALLIUM	SW-846 7840	ND	1.31	MG/KG	HGA:1100 9/1
VANADIUM	ICP, EPA METHOD 6010	43.1	6.43	MG/KG	A-5:110 8/26
ZINC	ICP, EPA METHOD 6010	90.6	2.57	MG/KG	A-5:110 8/26
TOTAL METALS, SOLID, HCL W/NA	SW-846 3050	COMPLETED			D11:66 8/20
% SOLIDS	CLP SOW 4/89	76		%	CC 8/25
ACID DIGESTION - FURNACE	SW-846 METHOD 3050	COMPLETED			D11:74 8/26
CYANIDE, TOTAL W/ DISTILLATION	EPA 335.2 ; 335.3	ND	0.68	MG/KG	CC 8/25
CYANIDE DISTILLATION	STD. METH. 15TH ED. 412B	COMPLETED			EP 8/20
TARGET COMPOUND LIST	PESTICIDES AND PCB'S 91-3	COMPLETED			8/28
EXTRACTION FOR TCL PEST/PCB	EPA METHOD 8080	EXTRACTED			ACM 8/20
ALPHA-BHC	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
BETA-BHC	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
DELTA-BHC	EPA METHOD 8080	240	11	MCG/KG	GC3 E:62 8/28
GAMMA-BHC	EPA METHOD 8080	ND	46	MCG/KG	GC3 E:62 8/28

(CONTINUES ON NEXT PAGE)

REMARKS: *Detection limit is elevated due to sample matrix.

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40S
Location : BENDERSON IRM

CTM Sample No: 920819J 01
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
HEPTACHLOR	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
ALDRIN	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
HEPTACHLOR EPOXIDE	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
ENDOSULFAN I	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
DIELDRIN	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
4,4-DDE	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
ENDRIN	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
ENDOSULFAN II	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
4,4-DDD	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
ENDOSULFAN SULFATE	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
4,4-DDT	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
METHOXYCHLOR	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
ENDRIN KETONE	EPA METHOD 8080	ND	11	MCG/KG	GC3 E:62 8/28
ALPHA-CHLORDANE	EPA METHOD 8080	ND	110	MCG/KG	GC3 E:62 8/28
GAMMA-CHLORDANE	EPA METHOD 8080	ND	110	MCG/KG	GC3 E:62 8/28
TOXAPHENE	EPA METHOD 8080	ND	260	MCG/KG	GC3 E:62 8/28
PCB-1016	EPA METHOD 8080	ND	110	MCG/KG	GC3 E:62 8/28
PCB-1221	EPA METHOD 8080	ND	110	MCG/KG	GC3 E:62 8/28
PCB-1232	EPA METHOD 8080	ND	110	MCG/KG	GC3 E:62 8/28
PCB-1242	EPA METHOD 8080	ND	110	MCG/KG	GC3 E:62 8/28
PCB-1248	EPA METHOD 8080	ND	110	MCG/KG	GC3 E:62 8/28
PCB-1254	EPA METHOD 8080	ND	110	MCG/KG	GC3 E:62 8/28
PCB-1260	EPA METHOD 8080	ND	110	MCG/KG	GC3 E:62 8/28
TARGET COMPOUND LIST VOLATILES	TCL VOLATILES 91-1	COMPLETED			MC E:54-55 9/1
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			9/1
CHLOROMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	MC E:54-55 9/1
VINYL CHLORIDE	SW-846 METHOD 8240	ND	13	MCG/KG	MC E:54-55 9/1
BROMOMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	MC E:54-55 9/1
CHLOROETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	MC E:54-55 9/1
1,1-DICHLOROETHANE	SW-846 METHOD 8240	7	7	MCG/KG	MC E:54-55 9/1
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	11	7	MCG/KG	MC E:54-55 9/1
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	8	7	MCG/KG	MC E:54-55 9/1
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1

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REMARKS:

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
14 SEP 1992

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.00076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40S
Location : BENDERSON IRM

CTM Sample No: 920819J 01
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters	Methodology Used	Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
CHLOROFORM	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
BENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
TRICHLOROETHENE	SW-846 METHOD 8240	45	7	MCG/KG	MC E:54-55 9/1
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
TOLUENE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
STYRENE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
ACETONE	SW-846 METHOD 8240	* 52	13	MCG/KG	MC E:54-55 9/1
CARBON DISULFIDE	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
2-HEXANONE	SW-846 METHOD 8240	ND	13	MCG/KG	MC E:54-55 9/1
XYLENE (TOTAL)	SW-846 METHOD 8240	ND	7	MCG/KG	MC E:54-55 9/1
4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	ND	13	MCG/KG	MC E:54-55 9/1
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	13	MCG/KG	MC E:54-55 9/1

REMARKS: *Acetone is a possible laboratory artifact.

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
02 OCT 1992

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40S
Location : BENDERSON IRM

CTM Sample No: 920819J 01
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
ANILINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	850	MCG/KG	CM P:20 9/29
DIPHENYLAMINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	850	MCG/KG	CM P:20 9/29
2-MERCAPTOBENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	2,900	850	MCG/KG	CM P:20 9/29
BENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM P:20 9/29
PHENOTHIAZINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	850	MCG/KG	CM P:20 9/29

REMARKS:

AUTHORIZED FOR RELEASE: U. D. Dacier

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
14 SEP 1992

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40SB
Location : BENDERSON IRM

CTM Sample No: 920819J 02
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			CM 8/28
EXTRACTION FOR TCL - ACIDS		EXTRACTED			ACM 8/21
EXTRACTION FOR TCL B/N		EXTRACTED			ACM 8/21
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
BENZOIC AICD	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-CHLOROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
2-CHLORONAPTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

Attention: RICK RALL

CTM Task #: 920819J

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40SB
Location : BENDERSON IRM

CTM Sample No: 920819J 02
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters	and Standard Methodology Used	Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
DIBENZOFURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DI-N-BUTYLPHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
PH	STD. METH. 15TH ED.423	7.9		SU	CC 8/29
ANILINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-40SB
Location : BENDERSON IRM

CTM Sample No: 920819J 02
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
DIPHENYLAMINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-MERCAPTOBENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
PHENOTHIAZINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

Attention: RICK RALL

CTM Task #: 920819J

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 11:45 AM
Sampled By : JONES
Sample Id: TP-32S
Location : BENDERSON IRM

CTM Sample No: 920819J 03
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			CM 8/28
EXTRACTION FOR TCL - ACIDS		EXTRACTED			ACM 8/21
EXTRACTION FOR TCL B/N		EXTRACTED			ACM 8/21
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
BENZOIC ACID	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-CHLOROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
2-CHLORONAPTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.07076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 11:45 AM
Sampled By : JONES
Sample Id: TP-32S
Location : BENDERSON IRM

CTM Sample No: 920819J 03
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
DIBENZOFURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DI-N-BUTYLPHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	830	MCG/KG	CM 0:133 8/29/92
PH	STD. METH. 15TH ED.423	7.5		SU	CC 8/29
ANILINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 11:45 AM
Sampled By : JONES
Sample Id: TP-32S
Location : BENDERSON IRM

CTM Sample No: 920819J 03
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
DIPHENYLAMINE	SW-846 METHOD 8270 BASE NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
2-MERCAPTOBENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
BENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92
PHENOTHIAZINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	830	MCG/KG	CM 0:133 8/29/92

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

Attention: RICK RALL

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-405A
Location : BENDERSON IRM

CTM Sample No: 920819J 04
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
IGNITABILITY	EPA METHOD-1010	>200	70	oF	CC 8/31
CORROSIVITY	EPA,EVAL.SOLID WASTE,1980.40 CFR 261.22	NON-CORROS			CC 8/27
REACTIVE CYANIDE	SW-846 METHOD 7.3.3.2	* ND	0.65	MG/KG	CC 8/25
CYANIDE, TOTAL W/DISTILL.	STD. METH. 15TH ED. 412D	ND	0.65	MG/KG	CC 8/25
CYANIDE DISTILLATION	STD. METH. 15TH ED. 412B	COMPLETED			EP 8/20
ALUMINUM	ICP, EPA METHOD 6010	17,400	25.3	MG/KG	A-5:110 8/26
ANTIMONY	ICP, EPA METHOD 6010	ND	7.59	MG/KG	A-5:110 8/26
ARSENIC	ICP, EPA METHOD 6010	ND	12.7	MG/KG	A-5:110 8/26
BARIUM	ICP, EPA METHOD 6010	81.8	6.33	MG/KG	A-5:110 8/26
BERYLLIUM	ICP, EPA METHOD 6010	ND	0.63	MG/KG	A-5:110 8/26
CADMIUM	ICP, EPA METHOD 6010	ND **	1.24	MG/KG	A-5:110 8/26
CALCIUM	ICP, EPA METHOD 6010	3,350	63.3	MG/KG	A-5:110 8/26
CHROMIUM	ICP, EPA METHOD 6010	26.4	1.27	MG/KG	A-5:110 8/26
COBALT	ICP, EPA METHOD 6010	18.7	6.33	MG/KG	A-5:110 8/26
COPPER	ICP, EPA METHOD 6010	27.0	6.33	MG/KG	A-5:110 8/26
IRON	ICP, EPA METHOD 6010	35,400	12.7	MG/KG	A-5:112 8/28
LEAD	ICP, EPA METHOD 6010	15.9	6.33	MG/KG	A-5:110 8/26
MAGNESIUM	ICP, EPA METHOD 6010	8,900	63.3	MG/KG	A-5:110 8/26
MANGANESE	ICP, EPA METHOD 6010	983	1.27	MG/KG	A-5:110 8/26
MERCURY	SW-846 7471	ND	0.115	MG/KG	E-01:54 8/25
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D11:69 8/21
NICKEL	ICP, EPA METHOD 6010	35.4	3.80	MG/KG	A-5:110 8/26
POTASSIUM	EPA METHODS, 1979.258.1	1,940	506	MG/KG	B-7:103 9/1
SELENIUM	SW-846 7740	ND	1.25	MG/KG	HGA:1098 8/31
SILVER	ICP, EPA METHOD 6010	1.30	1.27	MG/KG	A-5:110 8/26
SODIUM	EPA METHODS, 1979.273.1	429	25.3	MG/KG	B-7:99 8/27
THALLIUM	SW-846 7840	ND	1.25	MG/KG	HGA:1100 9/1
VANADIUM	ICP, EPA METHOD 6010	35.6	6.33	MG/KG	A-5:110 8/26
ZINC	ICP, EPA METHOD 6010	77.7	2.53	MG/KG	A-5:110 8/26
TOTAL METALS, SOLID, HCL W/NA	SW-846 3050	COMPLETED			D11:66 8/20
% SOLIDS	CLP SOW 4/89	79		%	CC 8/25
ACID DIGESTION - FURNACE	SW-846 METHOD 3050	COMPLETED			D11:74 8/26
PH	STD. METH. 15TH ED.423	7.7		SU	CC 8/29
ENDRIN	STD. METH. 14TH ED.509A	ND	10	MCG/KG	GC3 E:65 8/31
METHOXYCHLOR	STD. METH. 14TH ED.509A	ND	10	MCG/KG	GC3 E:65 8/31
TOXAPHENE	STD. METH. 14TH ED.509A	ND	250	MCG/KG	GC3 E:65 8/31

(CONTINUES ON NEXT PAGE)

REMARKS: **Detection limit elevated due to sample matrix.
*Total cyanide analysis was performed on this sample. The concentration obtained was less than 100 MG/KG. This is well below the reactive cyanide regulatory level of 250 mg/KG. A reactive cyanide analysis was not necessary.

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920819J

Attention: RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/18/92 Time: 00:00
Sampled By : JONES
Sample Id: TP-405A
Location : BENDERSON IRM

CTM Sample No: 920819J 04
Date Received: 08/19/92
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
LINDANE	STD. METH. 14TH ED.509A	58	10	MCG/KG	GC3 E:65 8/31
EXTRACTION FOR PESTICIDES	STD. METH. 14TH ED.509A	EXTRACTED			ACM 8/20
2,4-D	STD. METH. 15TH ED. 509B	ND	21	MCG/KG	GC3 E:69 9/8
2,4,5-TP	STD. METH . 15TH ED. 509B	ND	21	MCG/KG	GC3 E:69 9/8
EXTRACTION FOR HERBICIDES/SOIL		EXTRACTED			DO 8/28

REMARKS:

AUTHORIZED FOR RELEASE: [signature]

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
18 SEP 1992

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

Attention: MR. RICK RALL

CTM PROJECT #: 92.03076

CTM Task #: 920818D

Purchase Order Number: 41129
Date Sampled: 08/17/92 Time: 9:00 AM
Sampled By : TAFT
Sample Id: P2-1
Location : BENDERSON IRM

CTM Sample No: 920818D 01
Date Received: 08/18/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
ALUMINUM	ICP, EPA METHOD 200.7	1.6	0.20	MG/L	A-5:104 8/20
ANTIMONY	ICP, EPA METHOD 200.7	0.17	0.060	MG/L	A-5:104 8/20
BARIUM	ICP, EPA METHOD 200.7	0.12	0.050	MG/L	A-5:104 8/20
BERYLLIUM	ICP, EPA METHOD 200.7	ND	0.005	MG/L	A-5:104 8/20
CADMIUM	ICP, EPA METHOD 200.7	ND	0.005	MG/L	A-5:104 8/20
CALCIUM	ICP, EPA METHOD 200.7	337	0.500	MG/L	A-5:112 8/28
CHROMIUM	ICP, EPA METHOD 200.7	ND	0.010	MG/L	A-5:104 8/20
COBALT	ICP, EPA METHOD 200.7	ND	0.050	MG/L	A-5:104 8/20
COPPER	ICP, EPA METHOD 200.7	0.062	0.050	MG/L	A-5:104 8/20
IRON	ICP, EPA METHOD 200.7	2.1	0.10	MG/L	A-5:104 8/20
MAGNESIUM	ICP, EPA METHOD 200.7	82.2	0.50	MG/L	A-5:104 8/20
MANGANESE	ICP, EPA METHOD 200.7	1.9	0.010	MG/L	A-5:104 8/20
MERCURY	EPA METHODS,1979.245.1	ND	0.0002	MG/L	E01:53 8/24
MERCURY DIGESTION - AQUEOUS	EPA METHODS, 1979.245.1	COMPLETED			D11:68 8/21
NICKEL	ICP, EPA METHOD 200.7	ND	0.030	MG/L	A-5:104 8/20
POTASSIUM	EPA METHODS, 1979.258.1	32.3	0.20	MG/L	B-7:100 8/27
SILVER	ICP, EPA METHOD 200.7	ND	0.010	MG/L	A-5:104 8/20
SODIUM	EPA METHODS, 1979.273.1	426	11.0	MG/L	B-7:77 8/27
VANADIUM	ICP, EPA METHOD 200.7	ND	0.050	MG/L	A-5:104 8/20
ZINC	ICP, EPA METHOD 200.7	0.061	0.020	MG/L	A-5:104 8/20
ACID DIGESTION, FLAME/ICP	STD. METH. 15TH ED. 302D	COMPLETED			D11:65 8/20
ARSENIC	EPA METHODS, 1979.206.2	ND	0.010	MG/L	HGA:1084 8/25
SELENIUM	EPA METHODS,1979.270.2	ND	0.005	MG/L	HGA:1083 8/24
THALLIUM	EPA METHODS,1979.279.2	ND	0.010	MG/L	HGA:1089 8/27
LEAD	EPA METHODS,1979.239.2	0.011	0.003	MG/L	HGA:1082 8/24
ACID DIGESTON - FURNACE	SW-846 3020	COMPLETED			D11:65 8/20
TARGET COMPOUND LIST	BASE/NEUTRAL/ACID EXTRACTABLES 91-2	COMPLETED			CM 9/8/92
EXTRACTION FOR TCL - ACIDS		EXTRACTED			ACM 8/19/92
EXTRACTION FOR TCL B/N		EXTRACTED			ACM 8/19/92
PHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	10	MCG/L	CM 0:129 8/28/92
BIS-(2-CHLOROETHYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
2-CHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	10	MCG/L	CM 0:129 8/28/92
1,3-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
1,4-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
BENZYL ALCOHOL	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	CM 0:129 8/28/92
1,2-DICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920818D

Attention: MR. RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/17/92 Time: 9:00 AM
Sampled By : TAFT
Sample Id: P2-I
Location : BENDERSON IRM

CTM Sample No: 920818D 01
Date Received: 08/18/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	10	MCG/L	CM 0:129 8/28/92
BIS-(2-CHLOROISOPROPYL)-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
4-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	10	MCG/L	CM 0:129 8/28/92
N-NITROSO-DIPROPYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
HEXACHLOROETHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
NITROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
ISOPHORONE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
2-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	10	MCG/L	CM 0:129 8/28/92
2,4-DIMETHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	10	MCG/L	CM 0:129 8/28/92
BENZOIC AICD	SW-846 METHOD 8270 BASE/NEUTRALS	ND	50	MCG/L	CM 0:129 8/28/92
BIS-(2-CHLOROETHOXY)-METHANE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
2,4-DICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	10	MCG/L	CM 0:129 8/28/92
1,2,4-TRICHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
4-CHLOROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	CM 0:129 8/28/92
HEXACHLOROBUTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
4-CHLORO-3-METHYLPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	20	MCG/L	CM 0:129 8/28/92
2-METHYLNAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
HEXACHLOROCYCLOPENTADIENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
2,4,5-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	10	MCG/L	CM 0:129 8/28/92
2-CHLORONAPTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
2-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	50	MCG/L	CM 0:129 8/28/92
DIMETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
ACENAPHTHYLENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
2,6-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
3-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	50	MCG/L	CM 0:129 8/28/92
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
2,4-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	50	MCG/L	CM 0:129 8/28/92
4-NITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	50	MCG/L	CM 0:129 8/28/92
DIBENZOFURAN	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
2,4-DINITROTOLUENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
DIETHYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
4-CHLOROPHENYL-PHENYL-ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92

(CONTINUES ON NEXT PAGE)

REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920818D

Attention: MR. RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/17/92 Time: 9:00 AM
Sampled By : TAFT
Sample Id: P2-1
Location : BENDERSON IRM

CTM Sample No: 920818D 01
Date Received: 08/18/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
4-NITROANILINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	CM 0:129 8/28/92
2-METHYL-4,6-DINITROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	50	MCG/L	CM 0:129 8/28/92
N-NITROSODIPHENYLAMINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
4-BROMOPHENYL-PHENYL ETHER	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
HEXACHLOROBENZENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
PENTACHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	50	MCG/L	CM 0:129 8/28/92
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
DI-N-BUTYLPHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
BUTYL-BENZYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
3,3-DICHLOROBENZIDINE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	20	MCG/L	CM 0:129 8/28/92
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
BIS-(2-ETHYL-HEXYL) PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
DI-N-OCTYL PHTHALATE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	10	MCG/L	CM 0:129 8/28/92
2,4,6-TRICHLOROPHENOL	SW-846 METHOD 8270 ACID EXTRACTABLES	ND	10	MCG/L	CM 0:129 8/28/92
CYANIDE, TOTAL W/ DISTILLATION	EPA 335.2 ; 335.3	ND	0.01	MG/L	CC 8/25
CYANIDE DISTILLATION	STD. METHODS 17TH ED. 4500-CN C	COMPLETED			EP 8/20
TARGET COMPOUND LIST	PESTICIDES AND PCB'S 91-3	COMPLETED			9/11
EXTRACTION FOR TCL PEST/PCB	EPA METHOD 8080	EXTRACTED			ACM 8/19
ALPHA-BHC	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
BETA-BHC	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
DELTA-BHC	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
GAMMA-BHC	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
HEPTACHLOR	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
ALDRIN	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11

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REMARKS:

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920818D

Attention: MR. RICK RALL

Purchase Order Number: 41129
Date Sampled: 08/17/92 Time: 9:00 AM
Sampled By : TAFT
Sample Id: P2-1
Location : BENDERSON IRM

CTM Sample No: 920818D 01
Date Received: 08/18/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
HEPTACHLOR EPOXIDE	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
ENDOSULFAN I	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
DIELDRIN	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
4,4-DDE	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
ENDRIN	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
ENDOSULFAN II	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
4,4-DDD	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
ENDOSULFAN SULFATE	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
4,4-DDT	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
METHOXYCHLOR	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
ENDRIN KETONE	EPA METHOD 8080	ND	1.0	MCG/L	GC3 E:72 9/11
ALPHA-CHLORDANE	EPA METHOD 8080	ND	10	MCG/L	GC3 E:72 9/11
GAMMA-CHLORDANE	EPA METHOD 8080	ND	10	MCG/L	GC3 E:72 9/11
TOXAPHENE	EPA METHOD 8080	ND	20	MCG/L	GC3 E:72 9/11
PCB-1016	EPA METHOD 8080	ND	10	MCG/L	GC3 E:72 9/11
PCB-1221	EPA METHOD 8080	ND	10	MCG/L	GC3 E:72 9/11
PCB-1232	EPA METHOD 8080	ND	10	MCG/L	GC3 E:72 9/11
PCB-1242	EPA METHOD 8080	ND	10	MCG/L	GC3 E:72 9/11
PCB-1248	EPA METHOD 8080	ND	10	MCG/L	GC3 E:72 9/11
PCB-1254	EPA METHOD 8080	ND	10	MCG/L	GC3 E:72 9/11
PCB-1260	EPA METHOD 8080	ND	10	MCG/L	GC3 E:72 9/11
TARGET COMPOUND LIST VOLATILES	TCL VOLATILES 91-1	COMPLETED			MCE:52 8/31/92
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			MCE:52 8/31/92
CHLOROMETHANE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:53 8/31/92
VINYL CHLORIDE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:53 8/31/92
BROMOMETHANE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:53 8/31/92
CHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:53 8/31/92
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
CHLOROFORM	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92

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REMARKS:

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
18 SEP 1992

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

Attention: MR. RICK RALL

CTM PROJECT #: 92.03076

CTM Task #: 920818D

Purchase Order Number: 41129
Date Sampled: 08/17/92 Time: 9:00 AM
Sampled By : TAFT
Sample Id: P2-1
Location : BENDERSON IRM

CTM Sample No: 920818D 01
Date Received: 08/18/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
BENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TRICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TOLUENE	SW-846 METHOD 8240	D	5	MCG/L	MCE:52 8/31/92
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
CHLOROBENZENE	SW-846 METHOD 8240	7	5	MCG/L	MCE:52 8/31/92
ETHYLBENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
BROMOFORM	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
STYRENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
ACETONE	SW-846 METHOD 8240	14 *	10	MCG/L	MCE:52 8/31/92
CARBON DISULFIDE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
2-HEXANONE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:52 8/31/92
XYLENE (TOTAL)	SW-846 METHOD 8240	15	5	MCG/L	MCE:52 8/31/92
4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	D	10	MCG/L	MCE:52 8/31/92
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	10	MCG/L	MCE:52 8/31/92
ANILINE	SW-846 METHOD 8270 BASE NEUTRALS	1020	10	MCG/L	CM 0:129 9/5/92
DIPHENYLAMINE	SW-846 METHOD 8270 BASE NEUTRALS	15	10	MCG/L	CM 0:129 8/28/92
2-MERCAPTOBENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	15,000	10	MCG/L	CM 0:129 9/8/92
BENZOTHIAZOLE	SW-846 METHOD 8270 BASE/NEUTRALS	13,800	10	MCG/L	CM 0:129 9/5/92
PHENOTHIAZINE	SW-846 METHOD 8270 BASE/NEUTRALS	68	10	MCG/L	CM 0:129 8/28/92

REMARKS: * Acetone is a possible laboratory artifact.

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
18 SEP 1992

DUNN GEOSCIENCE CORP.
495 COMMERCE DRIVE
AMHERST NY 14228

CTM PROJECT #: 92.03076

CTM Task #: 920818D

Attention: MR. RICK RALL

Purchase Order Number: 41129
Date Sampled: Time: 00:00
Sampled By : CTM
Sample Id: TRANSPORT BLANKS
Location : CTM

CTM Sample No: 920818D 02
Date Received: 08/18/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
TARGET COMPOUND LIST VOLATILES	TCL VOLATILES 91-1	COMPLETED			MCE:52 8/31/92
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			MCE:52 8/31/92
CHLOROMETHANE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:52 8/31/92
VINYL CHLORIDE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:52 8/31/92
BROMOMETHANE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:52 8/31/92
CHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:52 8/31/92
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
CHLOROFORM	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
BENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TRICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TOLUENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
CHLOROBENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
ETHYLBENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
BROMOFORM	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
STYRENE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
ACETONE	SW-846 METHOD 8240	D	10	MCG/L	MCE:52 8/31/92
CARBON DISULFIDE	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
2-HEXANONE	SW-846 METHOD 8240	ND	10	MCG/L	MCE:52 8/31/92
XYLENE (TOTAL)	SW-846 METHOD 8240	ND	5	MCG/L	MCE:52 8/31/92
4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	ND	10	MCG/L	MCE:52 8/31/92
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	10	MCG/L	MCE:52 8/31/92

REMARKS:

AUTHORIZED FOR RELEASE:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM