ENGINEERING INVESTIGATIONS AT INACTIVE HAZARDOUS WASTE SITES

PRELIMINARY SITE ASSESSMENT

Volume II Supporting Documentation

Griffon Park Site
City of Niagara Falls

Site No. 932081
Niagara County

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BUREAU OF
HAZARDOUS SITE CONTROL
DIVISION OF HAZARDOUS
WASTE REMEDIATION

Prepared for:

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PRELIMINARY SITE ASSESSMENT REPORT
VOLUME II - SUPPORTING DOCUMENTATION

GRIFFON PARK SITE
NIAGARA COUNTY, NEW YORK

SITE NO. 932081

Submitted to:

New York State Department of Environmental Conservation
Albany, New York

Submitted by:

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November 1993

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GRIFFON PARK SITE
PRELIMINARY SITE ASSESSMENT REPORT
VOLUME II - SUPPORTING DOCUMENTATION

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SECTION 1.0

FIELD DATA SHEETS

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project Griffon Park Site Griffon Park

Project No. 7092-40 Sampler Signature Tony Delano

Date 28-JUNE-93

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
Photovac TIP/II/#2	O.K.	pH 4 ____ pH 7 ____ pH 10 ____
		pH 4 ____ pH 7 ____ pH 10 ____
		pH 4 ____ pH 7 ____ pH 10 ____
		Cond. Std. ____/ ____ Cond. Std. ____/ ____
		Cond. Std. ____/ ____ Cond. Std. ____/ ____
		Cond. Std. ____/ ____ Cond. Std. ____/ ____
Dissolved Oxygen		
		Avg. Winkler Value ____ppm Meter Value ____ppm
Redox		
		Zobell Sol. Value ____ Meter Value ____
Photoionization Meter		
Photovac TIP II / #2	O.K	Zero/Zero Air? ☐ Yes ☒ No Span Gas Value 100 ppm Equiv.
		zero to background Meter Value ____ppm Equiv.
		Zero/Zero Air? ☐ Yes ☐ No Span Gas Value ____ppm Equiv.
		Meter Value ____ppm Equiv.
Other		

Fluids/Materials Record

Deionized Water Source: ____ECJ Staging Portable System Other

Trip Blank Water Source: ____ECJ Lab; Lot No. ____

____Other; Type ____ ID ____

Decontamination Fluids: ____Methyl Hydrate; Lot No. ____

____Other; Type ____ ID ____

HNO_3/DI Rinse Solution: ____ECJ Staging; Lot No. ____

Filtration Paper ID: (In Line) Manuf/Type ____ Lot No. ____/ ____

(Vacuum) Manuf/Type ____ Lot No. ____/ ____

Chemicals Used: HNO_3 Lot No. ____ ZnAOC Lot No. ____

H_2SO_4 Lot No. ____ Other Lot No. ____

HCL Lot No. ____ Other Lot No. ____

NaOH Lot No. ____

E.C. JORDAN, CO.

9105107D

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project PSA - 4 Site Griffon Park

Project No. 7092-40 Sampler Signature Tony Delano

Date 6-29-93

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
Orion 230 A pH/temp	o.k.	pH 4 X pH 7 X pH 10 ____
		pH 4 ____ pH 7 ____ pH 10 ____
		pH 4 ____ pH 7 ____ pH 10 ____
Cond. Amber Science #10		Cond. Std. 200 / 200 Cond. Std. ____/ ____
		Cond. Std. ____/ ____ Cond. Std. ____/ ____
		Cond. Std. ____/ ____ Cond. Std. ____/ ____
Dissolved Oxygen		
		Avg. Winkler Value ____ppm Meter Value ____ppm
Redox		
		Zobell Sol. Value ____ Meter Value ____
Photoionization Meter		
TIP II / #2	ok	Zero/Zero Air? ☐ Yes ☒ No Span Gas Value 100 ppm Equiv.
		Zero to background Meter Value 100 ppm Equiv.
		Zero/Zero Air? ☐ Yes ☐ No Span Gas Value ____ppm Equiv.
		Meter Value ____ppm Equiv.
Other		
ESO Model 200 turbidity meter	o.k.	0 ntu, 100 ntu Standards

Fluids/Materials Record

Deionized Water Source: ____ECJ Staging Portable System Other

Trip Blank Water Source: ____ECJ Lab; Lot No. ____

____Other; Type ____ ID ____

Decontamination Fluids: ____Methyl Hydrate; Lot No. ____

____Other; Type ____ ID ____

HNO_3/DI Rinse Solution: ____ECJ Staging; Lot No. ____

Filtration Paper ID: (In Line) Manuf/Type ____ Lot No. ____/ ____

(Vacuum) Manuf/Type ____ Lot No. ____/ ____

Chemicals Used: HNO_3 Lot No. ____ ZnAOC Lot No. ____

H_2SO_4 Lot No. ____ Other Lot No. ____

HCL Lot No. ____ Other Lot No. ____

NaOH Lot No. ____

E.C. JORDAN, CO.

9105107D

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project PSA-4 Site Griffin Park

Project No. 7092-40 Sampler Signature Tony Delmar

Date 6-30-93

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
Orion 230A PH/Cond temp.	O.K.	pH 4 X pH 7 X pH 10 ___
		pH 4 ___ pH 7 ___ pH 10 ___
		pH 4 ___ pH 7 ___ pH 10 ___
Amber Science Inc, #10	O.K.	Cond. Std. 200 / 200 Cond. Std. ___ / ___
		Cond. Std. ___ / ___ Cond. Std. ___ / ___
		Cond. Std. ___ / ___ Cond. Std. ___ / ___
Dissolved Oxygen		
		Avg. Winkler Value ___ ppm Meter Value ___ ppm
Redox		
		Zobell Sol. Value ___ Meter Value ___
Photoionization Meter		
TIP II / #2	O.K.	Zero/Zero Air? ☐ Yes ☒ No Span Gas Value 100 ppm Equiv.
		zero to background Meter Value 100 ppm Equiv.
		Zero/Zero Air? ☐ Yes ☐ No Span Gas Value ___ ppm Equiv.
		Meter Value ___ ppm Equiv.
Other		
ESD Model 800 turbidity meter	O.K.	0 ntu, 10 ntu Standards

Fluids/Materials Record

Deionized Water Source: ___ ECJ Staging Portable System Other

Trip Blank Water Source: ___ ECJ Lab; Lot No. ___

___ Other; Type ___ ID ___

Decontamination Fluids: ___ Methyl Hydrate; Lot No. ___

___ Other; Type ___ ID ___

HNO_3/DI Rinse Solution: ___ ECJ Staging; Lot No. ___

Filtration Paper ID: (In Line) Manuf/Type ___ Lot No. ___ / ___

(Vacuum) Manuf/Type ___ Lot No. ___ / ___

Chemicals Used: HNO_3 Lot No. ___ ZnAOC Lot No. ___

H_2SO_4 Lot No. ___ Other Lot No. ___

HCL Lot No. ___ Other Lot No. ___

NaOH Lot No. ___

E.C. JORDAN, CO.

91051070

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA - 4
Site: Griffen Park
Project Number: 7092-40
Date: 19 JULY 93
Sample Location ID: MW-(01
Signature of Sampler: Tony Dalton
Time: Start: 1830 End: 1940

Water Level/Well Data

Well Depth ~~6.24~~ TD 9.78 Ft. — X Measured ___ Historical — X Top of Well ___ Top of Protective Casing

Well Riser Stick-up (from ground) -0.22 Ft.

Protective Casing/Well Difference -0.22 Ft.

Protective Casing 0.00 Ft.

Depth to Water ~~9.78~~ TP 6.24 Ft.

Well Material: ✓ PVC ___ SS

Well Locked?: X Yes ___ No

Well Dia. X 2 inch ___ 4 inch ___ 6 inch

Water Level Equip. Used: X Elect. Cond. Probe ___ Float Activated ___ Press. Transducer

Height of Water Column 3.54 Ft. X X .16 Gal/Ft. (2 in.) ___ .65 Gal/Ft. (4 in.) ___ 1.5 Gal/Ft. (6 in.) ___ Gal/Ft. (__in.) = 0.57 Gal/Vol; 2 Total Gal Purged

Well Integrity:	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
	✓	Bailer	
✓	✓	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used: (✓ All That Apply at Location)

- ___ Methanol (100%)
- ___ 25% Methanol/75% ASTM Type II water
- ___ Deionized Water
- ✓ Liquinox Solution
- ___ Hexane
- ✓ ~~HNO3~~/D.I. Water Solution
- ___ Potable Water
- ___ None

Field Analysis Data

Ambient Air VOC 7 ppm Well Mouth 14 ppm Field Data Collected ___ In-line ___ In Container

Sample Observations: ___ Turbid ___ Clear ___ Cloudy ___ Colored ___ Odor

Purge Data	@ 0.6 Gal.	@ 1.2 Gal.	@ 1.8 Gal.	@ ___ Gal.	@ ___ Gal.
Temperature, Deg. C	12.8	12.6	12.5		
pH, units	6.0	6.0	6.0		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	1.6	1.6	1.6		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)			60		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC				✓	/ / /
SVOC				✓	/ / /
P/PCB				✓	/ / /
INORG				✓	/ / /
CN				✓	/ / /
INORG	✓			✓	/ / /
CN	✓			✓	/ / /
TSS				✓	/ / /

Notes: Well recharges fine, water is very clear at top of water column

GPMW101000 93XX & GPMW101000 93XF

92020810 (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA-6
Project Number: 6037-40
Sample Location ID: MW-102
Time: Start: 1400 End: 1600

Site: Griffen Park
Date: 19 July 93
Signature of Sampler: Tony Delaney

Water Level/Well Data

Well Depth 9.35 Ft. — X Measured ___ Historical

X Top of Well ___ Top of Protective Casing

Well Riser Stick-up -0.25 Ft. (from ground)

Protective -0.25 Ft. Casing/Well Difference

Protective 0.00 Ft. Casing

Depth to Water 6.65 Ft.

Well Material: X PVC ___ SS

Well Locked?: X Yes ___ No

Well Dia. X 2 inch ___ 4 inch ___ 6 inch

Water Level Equip. Used: X Elect. Cond. Probe ___ Float Activated ___ Press. Transducer

Height of Water Column 2.00 Ft. X X .16 Gal/Ft. (2 in.) ___ .65 Gal/Ft. (4 in.) ___ 1.5 Gal/Ft. (6 in.) ___ Gal/Ft. (__in.) = 0.42 Gal/Vol ___ Total Gal Purged

Well Integrity: Prot. Casing Secure — Yes X, No ___; Concrete Collar Intact — Yes X, No ___; Other ___

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
	✓	Bailer	
✓	✓	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
- ___ Methanol (100%)
- ___ 25% Methanol/75% ASTM Type II water
- ___ Deionized Water
- ✓ Liquinox Solution
- ___ Hexane
- ✓ HNO_3/D.I. Water Solution
- ___ Potable Water
- ___ None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 5 ppm

Field Data Collected X In-line ___ In Container

Sample Observations: X Turbid ___ Clear ___ Cloudy ___ Colored ___ Odor

Purge Data	@ ~~0~~ 1 Gal.	@ 2 Gal.	@ 3 Gal.	@ ~~TB 4~~ Gal.	@ 5 Gal.
Temperature, Deg. C	10.8	10.7	10.6	10.6	10.6
pH, units	6.40	6.34	6.00		
Specific Conductivity µmhos/cm (umhos/cm. @ 25 Deg. C.)	2660	2670	2670	2680	2730
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)					

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
VOAs				✓	
SVOAs				✓	
Pest/PCBs				✓	
Inorganics				✓	
GN				✓	
INORG	✓				
CN	✓				

Notes: Sample is cleared up pretty well from initial cloudiness

GPMW102C0093XX & GPMW102C0093XF

9202081D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA 4
Site: Griffin Park
Project Number: 7092-40
Date: 20 JULY 93
Sample Location ID: OW 49-86
Signature of Sampler: Tim Palan
Time: Start: 1030 End: 1200

Water Level/Well Data

Well Depth 8.90 Ft. — ✓ Measured ___ Historical
✓ Top of Well ___ Top of Protective Casing
Well Riser Stick-up -0.17 Ft. (from ground)
Protective Casing/Well Difference -0.17 Ft.
Protective Casing 0.0 Ft. FLUSH

Depth to Water 6.55 Ft.
Well Material: ___ PVC ___ SS BLACK IRON
Well Locked?: ___ Yes ✓ No
Well Dia. ✓ 2 inch ___ 4 inch ___ 6 inch
Water Level Equip. Used: ✓ Elect. Cond. Probe ___ Float Activated ___ Press. Transducer

Height of Water Column 2.35 Ft. X ✓ .16 Gal/Ft. (2 in.) ___ .65 Gal/Ft. (4 in.) ___ 1.5 Gal/Ft. (6 in.) ___ Gal/Ft. (__in.) = 0.38 Gal/Vol ___ Total Gal Purged

Well Integrity:	Yes	No
Prot. Casing Secure	✓	
Concrete Collar Intact	✓	
Other Well cap broken		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
	✓	Bailer	
		PVC/Silicon Tubing	
✓	✓	Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
___ Methanol (100%)
___ 25% Methanol/75% ASTM Type II water
✓ Deionized Water
✓ Liquinox Solution
___ Hexane
___ HNO_3/D.I. Water Solution
___ Potable Water
___ None

Field Analysis Data

Ambient Air VOC 0.1 ppm Well Mouth 0.0 ppm Field Data Collected ✓ In-line ___ In Container

Sample Observations: ___ Turbid ✓ Clear ___ Cloudy ___ Colored ___ Odor

Purge Data	@ 0.4 Gal.	@ 0.8 Gal.	@ 1.2 Gal.	@ ___ Gal.	@ ___ Gal.
Temperature, Deg. C	12.1	12.0	12.1		
pH, units	6.5	6.3	6.5		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	3630	3320	3470		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)	27.0	24.0	23.0		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC				✓	/ / /
SVOC				✓	/ / /
PIRB				✓	/ / /
INORG				✓	/ / /
CN				✓	/ / /
INORG	✓			✓	/ / /
CR	✓			✓	/ / /
TSS				✓	/ / /

Notes:

GPMW0049CC093XP & GPMW0049CC093DF
GPMW0049CC093XX & GPMW0049CC093XF ALSO MS/MSD

9202081D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA 4
Site: Griffen Park
Project Number: 7092-40
Date: 20 JULY 93
Sample Location ID: OW50-86
Signature of Sampler: Tony DeLaus
Time: Start: 1030 End: 1600

Water Level/Well Data

Well Depth 21.02 Ft. — ✓ Measured ___ Historical — ✓ Top of Well ___ Top of Protective Casing

Well Riser Stick-up (from ground) -0.22 Ft.

Protective Casing/Well Difference -0.22 Ft.

Protective Casing 0.0 Ft. FLUSH

Depth to Water 6.48 Ft.

Well Material: ___ PVC ___ SS BLACK IRON

Well Locked?: ___ Yes ✓ No

Well Dia. ✓ 2 inch ___ 4 inch ___ 6 inch

Water Level Equip. Used: ✓ Elect. Cond. Probe ___ Float Activated ___ Press. Transducer

Height of Water Column 14.54 Ft. X [X] .16 Gal/Ft. (2 in.) ___ .65 Gal/Ft. (4 in.) ___ 1.5 Gal/Ft. (6 in.) ___ Gal/Ft. (__ in.) = 2.33 Gal/Vol ___ Total Gal Purged

Well Integrity: Prot. Casing Secure — Yes ✓ No ___; Concrete Collar Intact — Yes ✓ No ___; Other ___ — Yes ___ No ___
well cap broken

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
		Bailer	
✓	✓	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
___ Methanol (100%)
___ 25% Methanol/75% ASTM Type II water
✓ Deionized Water
✓ Liquinox Solution
___ Hexane
___ HNO_3/D.I. Water Solution
___ Potable Water
___ None

Field Analysis Data

Ambient Air VOC 0.0 ppm Well Mouth 0.0 ppm Field Data Collected ✓ In-line ___ In Container

Sample Observations: ✓ Turbid ___ Clear ✓ Cloudy ✓ Colored ___ Odor

Purge Data	@ 2.3 Gal.	@ 4.6 Gal.	@ 6.9 Gal.	@ ___ Gal.	@ ___ Gal.
Temperature, Deg. C	11.7				
pH, units					
Specific Conductivity (umhos/cm. @ 25 Deg. C.) µmhos/cm	123				
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)	82				

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC				✓	/ / /
SVOC				✓	/ / /
PCB				✓	/ / /
INORG				✓	/ / /
CN				✓	/ / /
INORG	✓			✓	/ / /
CN	✓			✓	/ / /
TSS				✓	/ / /

Notes: Pumped one volume out, well is dry, water is cloudy, dark brown

GPMW050000093XX & GPMW050FC0093XF

92020810 (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA-4
Project Number: 7092-40
Sample Location ID: OW 5486
Time: Start: 1300 End: 1345

Site: Griffen Park
Date: 20 July 93
Signature of Sampler: Tony Delano

Water Level/Well Data

Well Depth 8.91 Ft. — ✓ Measured / ___ Historical

✓ Top of Well / ___ Top of Protective Casing

Well Riser Stick-up (from ground) -0.32 Ft.

Protective Casing/Well Difference -0.32 Ft.

Protective Casing 0.0 Ft.

Depth to Water 5.15 Ft.

Well Material: ___ PVC / ___ SS / Black Iron

Well Locked?: ___ Yes / ✓ No

Well Dia. ✓ 2 inch / ___ 4 inch / ___ 6 inch

Water Level Equip. Used: ✓ Elect. Cond. Probe / ___ Float Activated / ___ Press. Transducer

Height of Water Column 3.76 Ft. X (X .16 Gal/Ft. (2 in.) / ___ .65 Gal/Ft. (4 in.) / ___ 1.5 Gal/Ft. (6 in.) / ___ Gal/Ft. (___ in.)) = 0.6 Gal/Vol; 1.8 Total Gal Purged

Well Integrity:	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
	✓	Bailer	
✓	✓	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
- ___ Methanol (100%)
- ___ 25% Methanol/75% ASTM Type II water
- ✓ Deionized Water
- ✓ Liquinox Solution
- ___ Hexane
- ___ HNO_3/D.I. Water Solution
- ___ Potable Water
- ___ None

Field Analysis Data

Ambient Air VOC 0.0 ppm Well Mouth 0.0 ppm

Field Data Collected ✓ In-line / ___ In Container

Sample Observations: ___ Turbid / X Clear / ___ Cloudy / ___ Colored / ___ Odor

Purge Data	@ 0.6 Gal.	@ 1.2 Gal.	@ 1.8 Gal.	@ ___ Gal.	@ ___ Gal.
Temperature, Deg. C	13.0	12.1	12.1		
pH, units	6.5	6.5	6.5		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	1700.0	1812	1800		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)	24.0	24.0	24.0		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC				✓	29 / 30 / 31 / 32
SVOC				✓	33 / 34 / 35 /
PIRB				✓	/ / /
INORG				✓	114 / 115 / /
CN				✓	/ / /
INORG	✓			✓	/ / /
CN	✓			✓	/ / /
TSS				✓	/ / /

Notes: Sample is pretty clear

GPMW054C0093XX & GPMW054C0093XF

9202081D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA-4
Project Number: 7092-40
Sample Location ID: GPMW055-86
Time: Start: 1300 End: 1430

Site: Griffin Park
Date: 20 July 93
Signature of Sampler: Tony Delomi

Water Level/Well Data

Well Depth 21.95 Ft. — ✓ Measured ___ Historical

✓ Top of Well ___ Top of Protective Casing ___

Well Riser Stick-up (from ground) 0.19 Ft.

Protective Casing/Well Difference -0.19 Ft.

Protective Casing 0.0 Ft.

Depth to Water 6.21 Ft.

Well Material: ___ PVC ___ SS ___ Blk Iron

Well Locked?: ___ Yes ___ No

Well Dia. ✓ 2 inch ___ 4 inch ___ 6 inch ___

Water Level Equip. Used: ✓ Elect. Cond. Probe ___ Float Activated ___ Press. Transducer ___

Height of Water Column 15.74 Ft. X ✓ .16 Gal/Ft. (2 in.) ___ .65 Gal/Ft. (4 in.) ___ 1.5 Gal/Ft. (6 in.) ___ Gal/Ft. (__in.) = 2.5 Gal/Vol; 7.5 Total Gal Purged

Well Integrity:	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
	✓	Bailer	
✓	✓	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
- ___ Methanol (100%)
- ___ 25% Methanol/75% ASTM Type II water
- ✓ Deionized Water
- ✓ Liquinox Solution
- ___ Hexane
- ___ HNO_3/D.I. Water Solution
- ___ Potable Water
- ___ None

Field Analysis Data

Ambient Air VOC 0.0 ppm Well Mouth 0.0 ppm Field Data Collected ✓ In-line ___ In Container

Sample Observations: ___ Turbid ✓ Clear ___ Cloudy ___ Colored ___ Odor

Purge Data	@ 2.5 Gal.	@ 5.0 Gal.	@ 7.5 Gal.	@ Gal.	@ Gal.
Temperature, Deg. C	11.1	11.1	11.1		
pH, units	6.5	6.5	6.5		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	1,800.0	~~1700~~	1716.0		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)	13.0	6.0	9.0		

Sample Collection Requirements

(✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC				✓	36, 37, 38, 39
SVOC				✓	40, 41, 42
PIPCB				✓	116, 117
INORG				✓	
CN				✓	
INORG	✓			✓	
CN	✓			✓	
TSS				✓	

Notes: initial purging shows clear water; continues to be clear

GPMW055CC093XX E' GPMW055CC093XF

9202081D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA 4
Site: Griffen Park
Project Number: 7092-40
Date: 20 JULY 93
Sample Location ID: OW56-8.6
Signature of Sampler: Tony [illegible]
Time: Start: 0900 End: 1010

Water Level/Well Data

Well Depth 8.93 Ft. — X Measured / ___ Historical

X Top of Well / ___ Top of Protective Casing

Well Riser Stick-up (from ground) -0.19 Ft.

Protective Casing/Well Difference -0.19 Ft.

Protective Casing 0.00 Ft.

Depth to Water 7.23 Ft.

Well Material: ___ PVC / ___ SS / Steel BLACK IRON

Well Locked?: ___ Yes / X No

Well Dia. X 2 inch / ___ 4 inch / ___ 6 inch

Water Level Equip. Used: X Elect. Cond. Probe / ___ Float Activated / ___ Press. Transducer

Height of Water Column 1.70 Ft. X X .16 Gal/Ft. (2 in.) / ___ .65 Gal/Ft. (4 in.) / ___ 1.5 Gal/Ft. (6 in.) / ___ Gal/Ft. (___ in.) = 0.3 Gal/Vol; 1.2 Total Gal Purged

Well Integrity:	Yes	No
Prot. Casing Secure	X	
Concrete Collar Intact	X	
Other		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
	✓	Bailer	
✓	✓	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
- ___ Methanol (100%)
- ___ 25% Methanol/75% ASTM Type II water
- ✓ Deionized Water
- ✓ Liquinox Solution
- ___ Hexane
- ___ HNO_3/D.I. Water Solution
- ___ Potable Water
- ___ None

Field Analysis Data

Ambient Air VOC 0.0 ppm Well Mouth 24.0 ppm Field Data Collected ✓ In-line / ___ In Container

Sample Observations: ✓ Turbid / ___ Clear / ___ Cloudy / ___ Colored / ___ Odor

Purge Data	@ 0.3 Gal.	@ 0.6 Gal.	@ 0.9 Gal.	@ 1.2 Gal.	@ ___ Gal.
Temperature, Deg. C	12.8	12.7	12.7	12.7	
pH, units	6.5	6.5	6.5	6.5	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	1902.0	1909.0	1904	1902	
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)	36.0	36.0	36.0	36.0	

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC				✓	/ / /
SVOC				✓	/ / /
PIPER				✓	/ / /
INORG				✓	/ / /
CN				✓	/ / /
INORG	✓			✓	/ / /
CN	✓			✓	/ / /
TSS				✓	/ / /

Notes: Brownish Black in color

GPMW056-00093XX & GPMW056-00093XF

92020810 (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA - 4
Project Number: 7092-40
Sample Location ID: OW5 7-86
Time: Start: 0900 End: 1500

Site: Griffon Park
Date: 20 JULY 93
Signature of Sampler: Tony D. [illegible]

Water Level/Well Data

Well Depth 24.72 Ft. X Measured ___ Historical

X Top of Well ___ Top of Protective Casing ___ ___

Well Riser Stick-up -0.25 Ft. (from ground)

Protective -0.25 Ft. Casing/Well Difference

Protective 0.00 Ft. Casing

Depth to Water 7.45 Ft.

Well Material: ___ PVC ___ SS steel (BLACK IRON)

Well Locked?: ___ Yes X No

Well Dia. X 2 inch ___ 4 inch ___ 6 inch ___ ___

Water Level Equip. Used: X Elect. Cond. Probe ___ Float Activated ___ Press. Transducer ___ ___

Height of Water Column ___ Ft. 17.47 X X .16 Gal/Ft. (2 in.) ___ .65 Gal/Ft. (4 in.) ___ 1.5 Gal/Ft. (6 in.) ___ ___ Gal/Ft. (___ in.) = 2.8 Gal/Vol; 9.0 Total Gal Purged

Well Integrity: Prot. Casing Secure Yes X No ___; Concrete Collar Intact Yes X No ___; Other ___ Yes ___ No ___

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
	✓	Bailer	
✓	✓	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
- ___ Methanol (100%)
- ___ 25% Methanol/75% ASTM Type II water
- ___ Deionized Water
- ___ Liquinox Solution
- ___ Hexane
- ___ HNO_3/D.I. Water Solution
- ___ Potable Water
- ___ None

Field Analysis Data

Ambient Air VOC 0 ppm Well Mouth 35 ppm Field Data Collected X In-line ___ In Container

Sample Observations: ___ Turbid ___ Clear ✓ Cloudy X Colored ___ Odor

Purge Data	@ 2.8 Gal.	@ 5.6 Gal.	@ 8.4 Gal.	@ ___ Gal.	@ ___ Gal.
Temperature, Deg. C	12.4	12.2			
pH, units	6.0	6.0			
Specific Conductivity µmhos/cm (umhos/cm. @ 25 Deg. C.)	1.8	1.75			
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)	37	30			

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC				✓	50 / 51 / 52 / 53
SVOC				✓	54 / 55 / 56 /
PIPER				✓	/ / /
INORG				✓	120 / 121 / /
CN				✓	/ / /
INORG	✓			✓	/ / /
CN	✓			✓	/ / /
TSS				✓	/ / /

Notes: initially water is brownish and slightly cloudy

9202061D (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA 4
Project Number: 7092-40
Sample Location ID: LC-5A
Time: Start: 1630 End: 0830 (7/20)

Site: Griffin Park
Date: 19 JULY 93
Signature of Sampler: Tony Dolan

Water Level/Well Data

Well Depth 15.08 Ft. — X Measured / ___ Historical

X Top of Well / ___ Top of Protective Casing

Well Riser Stick-up (from ground) ~~0.0~~ TP Ft. -0.25

Protective Casing/Well Difference -0.25 Ft.

Protective Casing 0.0 Ft.

Depth to Water 7.03 Ft.

Well Material: ___ PVC / ___ SS / ~~Steel~~

Well Locked?: X Yes / ___ No

Well Dia. X 2 inch / ___ 4 inch / ___ 6 inch

Water Level Equip. Used: X Elect. Cond. Probe / ___ Float Activated / ___ Press. Transducer

Height of Water Column 8.05 Ft. X X .16 Gal/Ft. (2 in.) / ___ .65 Gal/Ft. (4 in.) / ___ 1.5 Gal/Ft. (6 in.) / ___ Gal/Ft. (__in.) = 1.3 Gal/Vol / ___ Total Gal Purged

Well Integrity: Prot. Casing Secure — Yes ✓ No ___; Concrete Collar Intact — Yes ✓ No ___; Other ___ — Yes ___ No ___

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
	✓	Bailer	
✓	✓	PVC/Silicon Tubing	
		Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
- ___ Methanol (100%)
- ___ 25% Methanol/75% ASTM Type II water
- ✓ Deionized Water
- ✓ Liquinox Solution
- ___ Hexane
- ___ HNO_3/D.I. Water Solution
- ___ Potable Water
- ___ None

Field Analysis Data

Ambient Air VOC 0.0 ppm Well Mouth 20.0 ppm

Field Data Collected ✓ In-line / ___ In Container

Sample Observations: ___ Turbid / ___ Clear / ✓ Cloudy / ___ Colored / ___ Odor

Purge Data	@ 1.3 Gal.	@ 2.6 Gal.	@ 3.9 Gal.	@ 5.2 Gal.	@ 6.5 Gal.
Temperature, Deg. C	11.1	10.9	11.3		
pH, units	6.0	6.0	6.0		
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	TD x 1.02 / 10	17.0	21.0		
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)			105.0		

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC				✓	/ / /
SVOC				✓	/ / /
PIRB				✓	/ / /
INORG				✓	/ / /
CN				✓	/ / /
INORG	✓			✓	/ / /
CN	✓			✓	/ / /
TSS				✓	/ / /

Notes: DARK Brown cloudy, but cleared up pretty well; recharges very poorly
pH taken with pH pen

GPMW05ACCC93XX & GPMW05ACCC93X3

92020810 (a)

GROUNDWATER FIELD SAMPLE DATA RECORD

Project: PSA 6
Site: Griffon Park
Project Number: 7092-40
Date: 19 July 93
Sample Location ID: LC-5B
Signature of Sampler: Tony Rebuno
Time: Start: 1600 End: 1715

Water Level/Well Data

Well Depth 46 Ft. — ✓ Measured / ___ Historical

✓ Top of Well / ___ Top of Protective Casing

Well Riser Stick-up (from ground) 0.0 Ft.

Protective Casing/Well Difference 0.28 Ft.

Protective Casing 0.0 Ft.

Depth to Water 8.62 Ft.

Well Material: ___ PVC / ___ SS / steel

Well Locked?: ✓ Yes / ___ No

Well Dia. ✓ 2 inch / ___ 4 inch / ___ 6 inch

Water Level Equip. Used: ✓ Elect. Cond. Probe / ___ Float Activated / ___ Press. Transducer

Height of Water Column 37.38 Ft. X ___ .16 Gal/Ft. (2 in.) / ___ .65 Gal/Ft. (4 in.) / ___ 1.5 Gal/Ft. (6 in.) / ___ Gal/Ft. (__ in.) = 6 Gal/Vol / ___ Total Gal Purged

Well Integrity: Prot. Casing Secure — Yes ___ No ___; Concrete Collar Intact — Yes ✓ No ___; Other ___ — Yes ___ No ___ → no casing

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
	✓	Bailer	
		PVC/Silicon Tubing	
✓	✓	Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	
		Submersible Pump	

Decontamination Fluids Used:

(✓ All That Apply at Location)
- ___ Methanol (100%)
- ___ 25% Methanol/75% ASTM Type II water
- ✓ Deionized Water
- ✓ Liquinox Solution
- ___ Hexane
- ___ HNO_3/D.I. Water Solution
- ___ Potable Water
- ___ None

Field Analysis Data

Ambient Air VOC 0.0 ppm Well Mouth 7.0 ppm

Field Data Collected ✓ In-line / ___ In Container

Sample Observations: ✓ Turbid / ___ Colored / ___ Clear / ✓ Odor / ___ Cloudy

Purge Data	@ 6 Gal.	@ 12 Gal.	@ 18 Gal.	@ 24 Gal.	@ 30 Gal.
Temperature, Deg. C	11.3	11.4	11.5	11.3	
pH, units	6.0	6.0	6.0	6.0	
Specific Conductivity (umhos/cm. @ 25 Deg. C.)	2880	3590	3500	3420	
Oxidation - Reduction, +/- mv					
Dissolved Oxygen, ppm					
Turbidity (NTU's)					

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Field Filtered	Preservation Method	Volume Required	✓ If Sample Collected	Sample Bottle IDs
TCL VOC				✓	
SVOC				✓	
PPCB				✓	
INORG				✓	
CN				✓	
INORG	✓			✓	
CN				✓	
TSS				✓	

Notes: TURBID and BLACK water, very strong odor (sulfur-like).
Black-Turbidity beginning to clear by third volume.
pH taken with pH paper

9202081D (a) GPMW05B00093XX+ GPMW05B00093XF

SECTION 2.0

SECTION 2.0

BORING LOGS AND MONITORING WELL INSTALLATION DIAGRAMS

Soil Boring Log

Project	Boring/Well No.	Project No.
PSA - 4	TB-101	7092-40

Client	Site	Sheet No.
NYSDEC	GRIFFON PARK	1 of 1

Logged By	Ground Elevation	Start Date	Finish Data
GLD		6-30-93	6-30-93

Drilling Contractor	Driller's Name	Rig Type
Parratt Wolff	STRATTON	CME

Drilling Method	Protection Level	P.I.D. (eV)	Casing Size	Auger Size
AUGER	C DERMAC			4 1/4

Soil Drilled	Rock Drilled	Total Depth	Depth to Groundwater/Date	Piez	Well	Boring
8'	N/A	10'	≈ 7 FT	☐	☐	☒

Depth (Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
2	S-1 24"/18"		7-25-20-16			STARTED AT 1050 0-5" Top Soil Grass 5"-18" Brown Fine to med sand little coarse sand trace gravel clinkers, ash, brick fragments	SP	3" Spoon	0.0			
4	S-2 24"/12"		6-8-10-11			0-8" Brown Fine to med sand little coarse sand trace gravel fill 8"-12" orange/brown med to coarse sand some gravel, ash, clinkers fill Collected characteristic sample	SP	3" Spoon	0.0			X
6	S-3 24"/12"		8-7-6-3			Black fine to coarse sand, little gravel fill	SP	3" Spoon	0.0			
8	S-4 24"/1"		1-1-5-4			Black/white sand and gravel fill, garbage, wet, fill	GM	3" Spoon	0.0			
	S-5 24"/12"		2-2-3-4			0-3" Same as S-4 fill 3"-12" Gray fine sand and silt trace clay, alluvium, natural Collected full TCL and characteristic sample	SM	3" Spoon	0.0			X
						End of Boring 1130 Set screen at 9' 10" 5' of screen.						

92C2081D (U)

Soil Boring Log

Project	Boring/Well No.	Project No.
PSA-4	TB-102	7092-40

Client	Site	Sheet No.
NYSDEC	GRIFFON PARK	1 of 1

Logged By	Ground Elevation	Start Date	Finish Data
GLD/TD		6-29-93	6-29-93

Drilling Contractor	Driller's Name	Rig Type
PARRATT WOLFE	STRATTON	CME

Drilling Method	Protection Level	P.I.D. (eV)	Casing Size	Auger Size
AUGER	C DERMAC			4 1/4

Soil Drilled	Rock Drilled	Total Depth	Depth to Groundwater/Date	Piez	Well	Boring
8 FT	N/A	10 FT	≈7 FT	☐	☐	☒

Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
	S-1 24"/14"		3-8-7-3			STARTED AT 1320 0-4" TOP SOIL AND GRASS 4"-14" WHITE\ORANGE ASH AND CLINKERS, LOOSE DRY. FILL	SP	3" SPOON	0.0			
2	S-2 24"/14"		1-5-19-30			BLACK/WHITE MED COARSE SAND AND GRAVEL, ASH AND CLINKERS WITH LIGHT BLUE TINT. FILL COLLECTED CHARACTORISTIC SAMPLE	GM	3" SPOON	0.0			X
4	S-3 24"/24"		8-11-7-4			0-14" BLACK MED SAND AND SILT TRACE TO LITTLE GRAVEL, FILL 14"-20" LINOLIUM TILES 20"-24" ORANGE/WHITE SILT AND MED COARSE SAND LITTLE GRAVEL MOIST, FILL COLLECTED TCL AND CHARACTORISTIC SAMPLE	SP	3" SPOON	0.0			X
6	S-4 24"/12"		3-2-2-4			0-8" ORANGE\RED SAND AND SILT WITH BROKEN PORCELIN 8"-12" gray FINE SAND AND SILT WET FILL	SM	3" SPOON	0.0			
8	S-5 24"/20"		2-3-1-2			0-2" BROWN\ORANGE gravel and MED TO FINE SAND, glass FRAGMENTS FILL 2"-20" Gray SILT AND FINE SAND ALLUVIUM, NATURAL	GM SM					
						END OF BORING 1415 SET WELL AT 10 FT 5 FT OF SCREEN.						

9202081D (U)

Soil Boring Log

Project	Boring/Well No.	Project No.
PSA - 4	TB-103	7092-40

Client	Site	Sheet No.
NYSDEC	GRIFFON PARK	1 of 2

Logged By	Ground Elevation	Start Date	Finish Data
GLD		6-29-93	6-29-93

Drilling Contractor	Driller's Name	Rig Type
PARATT WOLFF	STRATTON	CME

Drilling Method	Protection Level	P.I.D. (eV)	Casing Size	Auger Size
AUGER	C DERMAL			4¼

Soil Drilled	Rock Drilled	Total Depth	Depth to Groundwater/Date	Piez	Well	Boring
12 FT	N/A	14 FT	≈ 7 FT	☐	☐	☒

Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
	S-1 24"/4"		2-4-3-2			STARTED AT 1030 TOP SOIL GRASS		2" Spoon	0.0			
2	S-2 24"/12"		5-20-16-7			BROWN MED TO COARSE SAND LITTLE SILT TRACE GRAVEL	SP	3" Spoon	0.0			
4	S-3 24"/8"		10-6-6-5			BROWN/BLACK MEDIUM TO COARSE SAND LITTLE FINE SAND AND SILT OXIDE STAINING AND GLASS FRAGMENTS FILL	SP	3" Spoon	0.0			
6	S-4 24"/1"		3-3-3-3			BLACK FINE SAND AND SILT, SOME COARSE SAND AND GRAVEL, WOOD CHIPS, GLASS FRAGS. FILL MOIST	GP	3" Spoon	0.0			
8	S-5 24"/3"		5-5/2"			BLACK SAND AND SILT WOODCHIPS GLASS FRAGMENTS. SPOON BOUNCING ON WOOD FILL MOIST COLLECTED TCL AND CHARACTERISTIC SAMPLE	SM	3" Spoon	11.0			X
10	S-6 24"/3"		7-2-5-4			BLACK SAND AND SILT GLASS AND WOOD FRAGMENTS, RAG. FILL WET. COLLECTED CHARACTERISTIC SAMPLE	SM	3" Spoon	0.0			
12												

92020810 (U)

Soil Boring Log

Project	Boring/Well No.	Project No.
PSA-4	TB-103	7092-40

Client	Site	Sheet No.
NYSDEC	GRIFFON PARK	2 of 2

Logged By	Ground Elevation	Start Date	Finish Data
GLD		6-29-93	6-29-93

Drilling Contractor	Driller's Name	Rig Type
PARRATT WOLFF	STRATTON	CME

Drilling Method	Protection Level	P.I.D. (eV)	Casing Size	Auger Size
AUGER	C DERMAL			4¼

Soil Drilled	Rock Drilled	Total Depth	Depth to Groundwater/Date	Piez	Well	Boring
12 FT	N/A	14 FT	≈ 7 FT	☐	☐	☒

Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
	S-7 24"/24"		1-1- 1-1			GRAY BROWN FINE SAND AND SILT TRACE CLAY. ALLUVIUM NATURAL	SM		2" Spoon	6.0		
14						END OF BORING 1130						

9202081D (U)

Soil Boring Log

Project: PSA-4		Boring/Well No.: TB-104	Project No.: 7092-40
Client: NYSDEC	Site: GRIFFON PARK		Sheet No. 1 of 2
Logged By: GLD	Ground Elevation:	Start Date: 6-28-93	Finish Data: 6-29-93
Drilling Contractor: PARRATT WOLFF	Driller's Name: STRATTON		Rig Type: CME
Drilling Method: AUGER	Protection Level: C DERMAL	P.I.D. (eV):	Casing Size: / Auger Size: 4 1/4
Soil Drilled: 14 FT	Rock Drilled: N/A	Total Depth: 16 FT.	Depth to Groundwater/Date: ≈ 7 FT — Piez ☐ Well ☐ Boring ☒

Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
	S-1 24"/12"		4-10-9-9			STARTED DRILLING @ 1534 0-2" TOP SOIL ORGANIC 2"-12" BLACK/ORANGE FINE TO COARSE SAND GLASS FRAGMENTS SLAG, FILL	SP		0.0			
2	S-2 24"/2"		4-2-1-5			WOOD FRAGMENT IN TIP OF SPOON BLACK/ORANGE FINE TO COARSE FILL COLLECTED TCLP AND CHARACTERISTIC SAMPLE	SW					X
4	S-3 24"/3"		3-2-2-2			WHITE/Black orange COARSE TO MEDIUM SAND, SLAG, FILL	SW		0.0			
6	S-4 24"/0"		1-1-1-1			POUNDED SPOON ONCE, NO RECOVERY PULLED OUT, TRIED AGAIN. NO RECOVERY, SPOON WET. NO SOIL RETURNING WITH AUGERS.			0.0			
8	S-5 24"/12"		WH 18"/4			POUNDED A 2" SPOON 0-2" BLACK COARSE to MEDIUM SAND AND SLAG FILL 2"-12" GRAY/BLACK FINE SAND AND SILT TRACE CLAY ALLUVIUM. NATURAL COLLECTED CHARACTERISTIC SAMPLE	SP		00			X
10	S-6 24"/18"		2-2-2-1			GRAY/BLACK FINE SAND AND SILT TRACE CLAY COHESIVE ALLUVIUM NATURAL	SM		00			
12												

Soil Boring Log

Project: PSA-4		Boring/Well No.: TB-104	Project No.: 7092-40
Client: NYSDEC	Site: GRIFFON PARK		Sheet No. 2 of 2
Logged By: GLD	Ground Elevation:	Start Date: 6-28-93	Finish Data: 6-29-93
Drilling Contractor: PARRATT WOLF	Driller's Name: STRATON		Rig Type: CME
Drilling Method: AUGER	Protection Level: C DERMAL	P.I.D. (eV):	Casing Size: / Auger Size: 4¼
Soil Drilled: 14 FT	Rock Drilled: N/A	Total Depth: 16 FT	Depth to Groundwater/Date: ≈ 7 FT

Piez ☐ Well ☐ Boring ☒

Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
	S-7 24"/24"		2-2-2-2			SAME AS S-6	SM		0.0			
14	S-8 24"/24"		1-2-1-1			SAME AS S-6	SM		0.0			
16						END OF BORING 1640						

9202081D (U)

Soil Boring Log

Project: PSA-4		Boring/Well No.: TB-105	Project No.: 7092-40
Client: NYSDEC	Site: GRIFFON PARK		Sheet No. 1 of ____
Logged By: GLD	Ground Elevation:	Start Date: 6/29/93	Finish Data: 6/29/93
Drilling Contractor: Parratt WOLFF	Driller's Name: D. STRATTON		Rig Type: CME
Drilling Method: AUGER	Protection Level: C DERMAL	P.I.D. (eV):	Casing Size: / Auger Size: 4 1/4
Soil Drilled: 12 FT	Rock Drilled: N/A	Total Depth: 14 FT	Depth to Groundwater/Date: ≈5 FT — Piez ☐ Well ☐ Boring ☒

Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
	S-1 24"/15"		3-5-5-5			STARTED DRILLING 0715 0-8" TOP SOIL ORGANIC 8-15" GRAY BLACK FILL GLASS FRAGMENTS, CHALKY WHITE MATERIAL	SP	2" spoon 0715	0.0			
2	S-2 24"-15"		3-14-4-4			0-5" RED/BROWN MED TO COARSE SAND, OXIDE STAINING, GLASS FRAGMENTS, SLAG. 6"-10" GRAY GRAVEL COARSE SAND TRACE COBBLES. 10"-15" BLACK FINE SAND LITTLE SILT ORGANIC MATERIAL COLLECTED CHARACTORISTIC SAMPLE	SP GC SP	2" spoon 0730	0.0			X
4	S-3 24"/2"		2-1-WTH-WTH			BROWN/BLACK SILTY FINE SAND WET	SW	2" spoon 0750	0.0			
6	S-4 24"/1"		5-5-1-1			POUNDED EXTRA SPOONS @ 2-4' TO COLLECT ADDITIONAL SAMPLE BLACK GRAVEL AND GLASS FRAGMENTS WET, COULD BE WASH MATERIAL		0755 0805	1.0			
8	S-5 24"/1"		3-2-4-2			0-6" BLACK SAND AND GRAVEL, GLASS FRAGMENTS. FILL 6"-12" BLACK/SILTY SAND TRACE CLAY ORGANIC, NATURAL ALLUVIUM COLLECTED TCL AND CHARACTORISTIC SAMPLE	GC SM	3" spoon				X
10												

9202081D (U)

Soil Boring Log

Project: PSA-4		Boring/Well No.: TB 105	Project No.: 7092-40
Client: NYSDEC	Site: GRIFFON PARK		Sheet No. 2 of 2
Logged By: GLD	Ground Elevation:	Start Date: 6/29/93	Finish Data: 6/29/93
Drilling Contractor: PARRATT WOLFF	Driller's Name: D. STRATTON		Rig Type: CME
Drilling Method: AUGER	Protection Level: C DERMAL	P.I.D. (eV):	Casing Size: / Auger Size: 4 1/4
Soil Drilled: 12 FT	Rock Drilled: N/A	Total Depth: 14 FT	Depth to Groundwater/Date: = 5 FT

Piez ☐ Well ☐ Boring ☒

Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
	S-6 24"/20"		WTH-1-2-2			BROWN/BLACK FINE SAND AND SILT, TRACE CLAY ORGANIC NATURAL ALLUVIUM	SM	0823	0.0			
12	S-7 24"/12"		4-5-4-5			SAME AS S-6	SM	0830	0.0			
14						END OF BORING						

9202081D (U)

Soil Boring Log

Project: PSA-4		Boring/Well No.: TB-106	Project No.: 7092-40
Client: NYSDEC	Site: GRIFFON PARK		Sheet No. 1 of 1
Logged By: GLD	Ground Elevation:	Start Date: 6/29/93	Finish Data: 6/29/93
Drilling Contractor: PARRATT WOLFF	Driller's Name: D. STRATTON		Rig Type: CME
Drilling Method: AUGER	Protection Level: C DERMAL	P.I.D. (eV):	Casing Size:	Auger Size: 4 1/4
Soil Drilled: 6 FT	Rock Drilled: N/A	Total Depth: 10 FT	Depth to Groundwater/Date: ≈ 8 FT	Piez ☐ Well ☐ Boring ☒

Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
	S-1 24"/16"		6-6-6-8			STARTED 1546 0-14" TOP SOIL ORGANIC 14"-16" ORANGE BROWN MED TO COARSE GRAVEL, ASH, CLINKERS	GC	3" Spoon		0.0		
2	S-2 24"/0"		8-6-10-12			NO RECOVERY						
4	S-3 24"/15"					6-8" BROWN MED TO FINE SAND AND SILT GLASS FRAGMENTS 8"-15" WHITE/BLACK COARSE SAND TRACE GRAVEL, ASH CLINKERS COLLECTED CHARACTERISTIC SAMPLE	SM SP	3" Spoon 1609		0.0		X
6	S-4 24"/12"					LIGHT ORANGE/BROWN MED TO COARSE SAND AND GRAVEL LITTLE SILT, ASH WOODCHIPS GLASS MOIST COLLECTED TCL AND CHARACTERISTIC SAMPLE	SP					X
8	S-5 24"/18"					GRAY SILT AND FINE SAND TRACE CLAY WET ALLUVIUM.	SM					
10						END OF BORING						

9202081D (U)

Soil Boring Log

Project	Boring/Well No.	Project No.
PSA4	TB-107	7092-40

Client	Site	Sheet No.
NYSDEC	GRIFFON PARK	1 of 1

Logged By	Ground Elevation	Start Date	Finish Data
GLD		6/30/93	6/30/93

Drilling Contractor	Driller's Name	Rig Type
PARRATT WOLFF	D. STRATTON	CME

Drilling Method	Protection Level	P.I.D. (eV)	Casing Size	Auger Size
AUGER	C DERMAL			4 1/4

Soil Drilled	Rock Drilled	Total Depth	Depth to Groundwater/Date	Piez	Well	Boring
8 FT	N/A	10"	≈ 6 FT	☐	☐	☒

Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
2	24"/18" S-1		5-10-6-3			STARTED AT 1253 0-6" TOP SOIL ORGANIC 6"-12" WHITE/GRAY COARSE SAND AND GRAVEL FILL, GLASS, CLINKERS 12"-18" ORANGE COARSE SAND AND GRAVEL FILL	SP		0.0 1315			
4	S-2 24"/12"		2-7-8-2			ORANGE/BROWN COARSE SAND AND GRAVEL FILL COMPOSITE WITH S-1 FOR DUPLICATE VOA COLLECTED FROM TIP OF S-2 COLLECTED TCL AND CHARACTERISTIC SAMPLE	SP		0.0			X
6	S-3 24"/3"		1-2-1-1			WHITE ORANGE MED TO COARSE SAND AND GRAVEL FILL MOIST AT SPOON TIP	SP		0.0 1319			
8	S-4 24"/24"		4-1-1-1			0-12" SAME AS S-3 12"-24" BLACK/GRAY MED TO COARSE SAND AND GRAVEL FILL WET COLLECTED CHARACTERISTIC SAMPLE	SP		0.0 1326			X
	S-5 24"/18"		3-1-2-1			0-8" BLACK/GRAY MED TO COARSE SAND AND GRAVEL FILL 8"-24" GRAY BLACK FINE SAND AND SILT ROOTS, ALLUVIUM	SP SM		0.0 1341			
						END OF BORING.						

9202081D (U)

Soil Boring Log

Project	Boring/Well No.	Project No.
PSA - 4	TB - 108	7692-40

Client	Site	Sheet No.
NYSDEC	GRIFFON PLANT	1 of 1

Logged By	Ground Elevation	Start Date	Finish Data
GLD		6/30/93	6/30/93

Drilling Contractor	Driller's Name	Rig Type
PARRATT WOLFF	STRATTON	CME

Drilling Method	Protection Level	P.I.D. (eV)	Casing Size	Auger Size
AUGER	C DERMAC			4 1/4

Soil Drilled	Rock Drilled	Total Depth	Depth to Groundwater/Date	Piez	Well	Boring
8 FT	N/A	10 FT	≈ 7 FT	☐	☐	☒

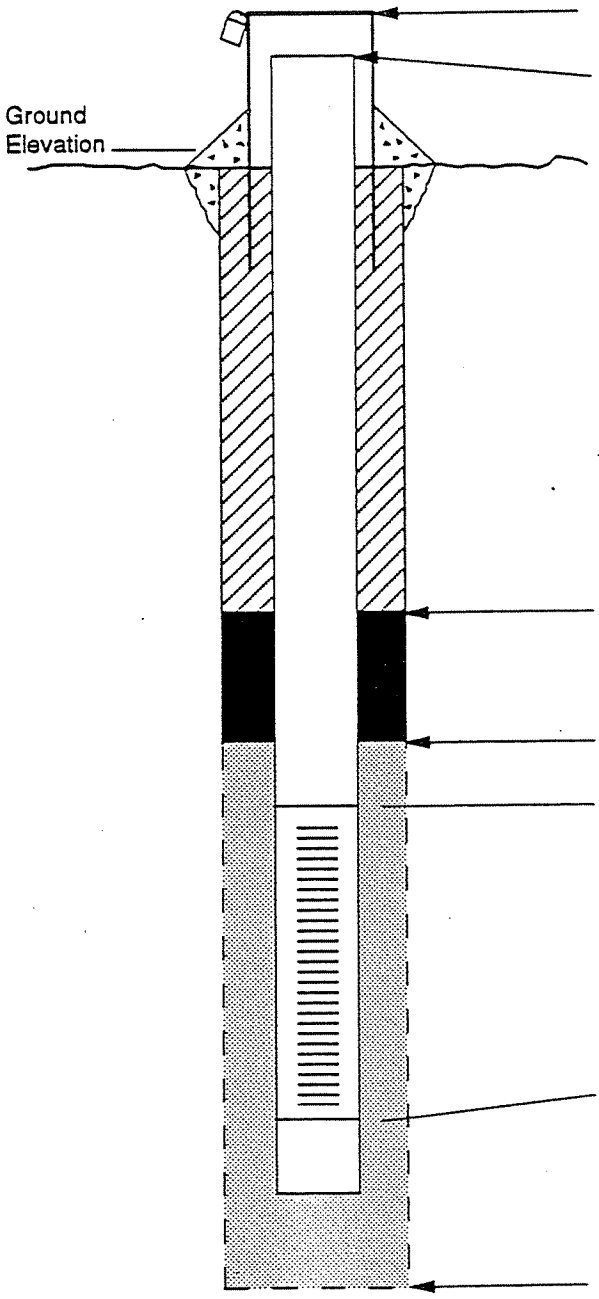
Depth(Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	PI Meter Head Space		Lab Tests
	S-1 24"/18"		6-7-7-4			STARTED AT 1450 0-6" TOP SOIL GRASS 6-18" WHITE/ORANGE COARSE SAND AND GRAVEL FILL GLASS FRAG COLLECTED CHARACTORISTIC SAMPLE	SP	3" SPOON 1500	0.0			X
2	S-2 24"/16"		3-1-1-2			ORANGE/BROWN COARSE SAND AND GRAVEL, CHALKY SUBSTANCE, FILL	SP	3" 1505	0.0			
4	S-3 24"/12"		6-2-1-2			0-8" BROWN MED TO COARSE SAND little GRAVEL, CLINKERS TRASH 8"-12" WHITE/BROWN COARSE SAND AND GRAVEL TRASH. VOA's COLLECTED FOR MS/MSD SAMPLE, ALSO COMPOSITE with S-5 FOR REMAINING SAMPLE	SP	3" SPOON 1510	0.0			X
6	S-4 24"/0"		2-3-4-2			NO RECOVERY SPOON WET		1515	0.0			
8	S-5 24"/18"		2-3-3-4			0-8" BLACK COARSE SAND AND GRAVEL LITTLE MED TO FINE SAND FILL, WET 8"-18" GRAY/BLACK FINE SAND AND SILT, ORGANIC ALLUVIUM COMPOSITE 0-8" WITH S-3 FOR MS/MSD TCL AND CHRACTORISTIC SAMPLE	SP SM					X

END OF BORING

9202081D (U)

OVERBURDEN MONITORING WELL CONSTRUCTION DIAGRAM

Project PSA-4 Location GRIFFON PARK Driller PARRATT - WOLFF
Project No. 7092-40 Boring No. MW-101 Drilling Method 4.5 HSA
Date Installed 6/30/93 Development Method Bailed
Field Geologist G. L. DAUKAS



Elevation of Top of Surface Casing: 572.13
Stick-up of Casing Above Ground Surface: 0
Elevation of Top of Riser Pipe: 571.93
Type of Surface Seal: CONCRETE
Type of Surface Casing: 2 Ft long FLUSH MOUNT

ID of Surface Casing: 8"

Diameter of Borehole: 8"

Riser Pipe ID: 2-inch
Type of Riser Pipe: SCHEDULE 40 PVC

Type of Backfill: MOIRA #0 GRADE SAND

Elevation of Top of Seal: 570.3
Depth of Top of Seal: 1.8'
Type of Seal: BENTONITE - ENVIROPLUG

Elevation of Top of Sand: 568.3
Depth of Top of Sand: 3.8'
Elevation of Top of Screen: 567.3
Depth of Top of Screen: 4.8'

Type of Screen: SCHEDULE 40 PVC
Slot Size x Length: #10 SLOT - 5' LONG
ID of Screen: 2-inch

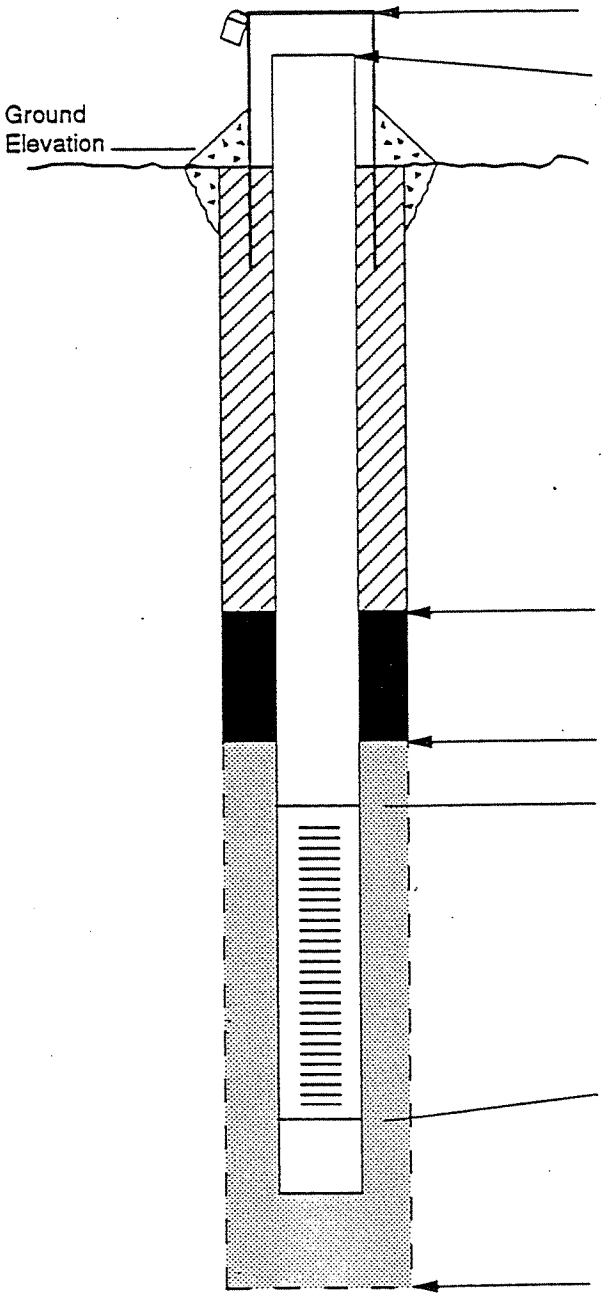
Type of Sandpack: MOIRE #0 GRADE SAND

Elevation of Bottom of Screen: 562.3
Depth of Bottom of Screen: 9.8'
Depth of Sediment Sump with Plug: N/A

Elevation of Bottom of Borehole: 562.3
Depth of Bottom of Borehole: 9.8'

OVERBURDEN MONITORING WELL CONSTRUCTION DIAGRAM

Project PSA-4 Location GRIFFON PARK Driller PARRATT WOLFF
Project No. 7092-40 Boring No. MW-102 Drilling Method 4.5" HSA
Date Installed 6/29/93 Development Method Bailed
Field Geologist GL DOULKAS



Elevation of Top of Surface Casing: 572.62
Stick-up of Casing Above Ground Surface: 0
Elevation of Top of Riser Pipe: 572.35
Type of Surface Seal: CONCRETE
Type of Surface Casing: 2 FT LONG FLUSH MOUNT

ID of Surface Casing: 8"

Diameter of Borehole: 8"

Riser Pipe ID: 2-inch
Type of Riser Pipe: SCHEDULE 40 PVC

Type of Backfill: #0 MOIRA SAND

Elevation of Top of Seal: 560.8
Depth of Top of Seal: 1.8'
Type of Seal: BENTONITE - ENVIROPLUG

Elevation of Top of Sand: 558.8
Depth of Top of Sand: 3.8'
Elevation of Top of Screen: 557.8
Depth of Top of Screen: 4.8'

Type of Screen: SCHEDULE 40 PVC
Slot Size x Length: #10 SLOT - 5 FT LONG
ID of Screen: 2-inch

Type of Sandpack: MOIRIE #0 GRADE SAND

Elevation of Bottom of Screen: 552.8
Depth of Bottom of Screen: 9.8'
Depth of Sediment Sump with Plug: N/A

Elevation of Bottom of Borehole: 552.8
Depth of Bottom of Borehole: 9.8'

WELL DEVELOPMENT RECORD

Project: PSA-4 / Griffon Park	Well Installation Date: 6/30/93		Project No. 7092-40
Client: NYSDEC	Well Development Date: 6/30/93	Logged by: TD	Checked by:
Well/Site I.D.: MW-101	Weather: Sunny 75°	Start Date: 6/30/93	Finish Date: 6/30/93
Initial Water Level (ft): —		Start Time: 1400	Finish Time: 1600
Water Level during Initial Pumping/Purging (ft): —			
Water Level at Termination of Pumping/Purging (ft): —			

Estimated Well Volume: _____

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)

Notes:

Well bailed continuously for 2 hrs
Did not go dry

Actual development conducted by Parratt-Wolfe

WELL DEVELOPER'S SIGNATURE Tony DeLoma

WELL DEVELOPMENT RECORD

9202310 (o)

WELL DEVELOPMENT RECORD

Project: PSA-4 / Griffon Park	Well Installation Date: 6/29/93		Project No. 7092-40
Client: NYSDEC	Well Development Date: 6/30/93	Logged by: TD	Checked by:
Well/Site I.D.: MW-102	Weather: Sunny 75°	Start Date: 6/30/93	Finish Date: 6/30/93
Initial Water Level (ft): —		Start Time: 1200	Finish Time: 1400
Water Level during Initial Pumping/Purging (ft): —			
Water Level at Termination of Pumping/Purging (ft): —			

Estimated Well Volume: _____

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)

Notes:

Well bailed continuously for 2 hrs.
Did not go dry

Actual development completed by Parratt Wolfe

WELL DEVELOPER'S SIGNATURE Tony Delano

WELL DEVELOPMENT RECORD

9202810 (o)

WELL DEVELOPMENT RECORD

Project: PSA-4 / Griffen Park	Well Installation Date: 1986		Project No. 7092-40
Client: NYSDEC	Well Development Date: 6/29/93	Logged by: TD	Checked by:
Well/Site I.D.: OW 47-86	Weather: Sunny 80°	Start Date: 6/29/93	Finish Date: 6/29/93
Initial Water Level (ft): 6.2 ft. from top of riser (6/28/93)		Start Time: 1630	Finish Time: 1830

Water Level during Initial Pumping/Purging (ft): 6.2 ft.

Water Level at Termination of Pumping/Purging (ft): Bailed Dry

Estimated Well Volume: 2" well → 8.9' deep 8.9 - 6.2 = 2.7' of water
2.7 x (0.16 gal/ft) = 0.43 gal

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)

Notes:

Well bailed dry, allowed to recharge, then bailed again continuously for 2 hrs

Actual development conducted by Parratt-Wolff.

WELL DEVELOPER'S SIGNATURE Tony Palano

WELL DEVELOPMENT RECORD

9202810 (c)

WELL DEVELOPMENT RECORD

Project: PSA-4 / Griffon Park	Well Installation Date: 1986		Project No. 7092-4C
Client: NYSDEC	Well Development Date: 6/30/93	Logged by: TD	Checked by:
Well/Site I.D.: OW 5C-86	Weather: Sunny 70°	Start Date: 6/30/93	Finish Date: 6/30/93
Initial Water Level (ft): 5.56 ft below top of riser (6/28/93)		Start Time: 0730	Finish Time: ~~0930~~ 1100 TD
Water Level during Initial Pumping/Purging (ft): 5.56 ft			
Water Level at Termination of Pumping/Purging (ft): Bailed Dry			

Estimated Well Volume: 2" well → (20.95' deep - 5.56' water) 0.16 gal/ft = 2.5 gal

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)

Notes:

well bailed dry, allowed to recharge, then bailed again ~~continuously~~ TD for ~~3 hrs~~ TD a total of 2 hrs

Actual ~~to~~ development conducted by Parratt-Wolff

WELL DEVELOPER'S SIGNATURE Tony Delano

WELL DEVELOPMENT RECORD

9202510 (o)

WELL DEVELOPMENT RECORD

Project: PSA-A / Griffin Park	Well Installation Date: 1986		Project No. 7092-40
Client: NYSDEC	Well Development Date: 6/30/93	Logged by: T.D	Checked by:
Well/Site I.D.: OW54-86	Weather: Sunny 75°	Start Date: 6/30/93	Finish Date: 6/30/93
Initial Water Level (ft): 4.83 ft from top of riser (6/28/93		Start Time: 0830	Finish Time: 1030

Water Level during Initial Pumping/Purging (ft): 4.83 Ft

Water Level at Termination of Pumping/Purging (ft): —

Estimated Well Volume: 2" well → (8.9' - 4.83) 0.16 gal/ft = 0.65 gal

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)
8	0840		7.08	1.45	—	81
30	0915		7.06	1.70	—	95
50	0955		6.86	1.52		70

Notes:

bailed for 2 hrs continuously, well does not go dry

Actual development conducted by Parratt-Wolff

WELL DEVELOPER'S SIGNATURE Tony Rolan

WELL DEVELOPMENT RECORD

9202810 (o)

WELL DEVELOPMENT RECORD

Project: PSA-4 / Griffon Park	Well Installation Date: 1986		Project No. 7092-10
Client: NYSDEC	Well Development Date: 6/30/93	Logged by: TD	Checked by:
Well/Site I.D.: OW55-86	Weather: Sunny 75°	Start Date: 6/30/93	Finish Date: 6/30/93
Initial Water Level (ft): 6.07' below top of riser (6/28/93)		Start Time: 0830	Finish Time: 1030
Water Level during Initial Pumping/Purging (ft): 6.07'			
Water Level at Termination of Pumping/Purging (ft): —			

Estimated Well Volume: 2" well → 0.16 gal/ft (22.6 - 6.07) = 2.6 gal

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)
–	0840		7.08	1.63		89
8	0915		6.98	1.83		~200
15	0955		6.76	1.54		>200

Notes:

well bailed continuously, does not clear up

Actual development conducted by Parratt-Wolff

WELL DEVELOPER'S SIGNATURE Tony Delano

WELL DEVELOPMENT RECORD

9202810 (o)

WELL DEVELOPMENT RECORD

Project: PSA 4 / Griffen Park	Well Installation Date: 1986		Project No. 7092-40
Client: NYSDEC	Well Development Date: 6/29/93	Logged by: TD	Checked by:
Well/Site I.D.: OW 56-86	Weather: Sunny 80°	Start Date: 29 June 93	Finish Date: 6/29/93
Initial Water Level (ft): 6.92 ft below top of riser (6/28/93)		Start Time: 1230	Finish Time: 1430
Water Level during Initial Pumping/Purging (ft): 6.92 ft.			
Water Level at Termination of Pumping/Purging (ft): Well Bailed Dry			

Estimated Well Volume: 2 → 0.16(8.95 - 6.92) = 0.3 gal

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)
	1400	–	7.2	1.46		140

Notes:

Well bailed dry, allowed to recharge, then bailed again, continuously for 2 hrs

Water did not clear up, dark grey color

Actual development conducted by Parratt-Wolff

WELL DEVELOPER'S SIGNATURE Tony D. Lamb

WELL DEVELOPMENT RECORD

9202810 (o)

WELL DEVELOPMENT RECORD

Project: PSA -4 / Griffin Park	Well Installation Date: 1986		Project No. 7092-40
Client: NYSDEC	Well Development Date: 6/29/93	Logged by: TD	Checked by:
Well/Site I.D.: OW57-86	Weather: Sunny 80°	Start Date: 6/29/93	Finish Date: 6/29/93
Initial Water Level (ft): 7.19 ft below top of riser (6/28/93)		Start Time: 1430	Finish Time: 1630
Water Level during Initial Pumping/Purging (ft): 7.19			
Water Level at Termination of Pumping/Purging (ft): well Dry			

Estimated Well Volume: 2" well → 0.16 gal/volume (25.0 - 7.19) = 2.8 gal

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)

Notes:

well bailed dry, allowed to recharge, then bailed again; continue procedure for 2 hours.

water is turbid dark grey, does not clear up.

Actual development conducted by Parratt Wolfe

WELL DEVELOPER'S SIGNATURE Tony Dolan

WELL DEVELOPMENT RECORD

9202810 (o)

WELL DEVELOPMENT RECORD

Project: PSA-41 Griffon Park	Well Installation Date: 1981 ?		Project No. 7192-40
Client: NYSDEC	Well Development Date: 6/29/93 - 6/30/93	Logged by: TD	Checked by:
Well/Site I.D.: LG5A	Weather: Sunny 80°	Start Date: 6/29/93	Finish Date: 6/30/93
Initial Water Level (ft): 6.76 ft below top of riser (6/28/93		Start Time: 1730	Finish Time: 1600
Water Level during Initial Pumping/Purging (ft): 6.76			
Water Level at Termination of Pumping/Purging (ft): well bailed dry			

Estimated Well Volume: 2" well → 0.16 gal/ft (15 - 6.76) = 1.3 gal

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)

Notes:

well recharges poorly, bailed until dry, allowed to recharge continued for a total of 2 hrs over the period indicated above.

Actual development ~~by~~ conducted by Parratt-Wolff

WELL DEVELOPER'S SIGNATURE Tony Delano

WELL DEVELOPMENT RECORD

9202810 (c)

WELL DEVELOPMENT RECORD

Project: PSA-4 / Griffon Park	Well Installation Date: ~1981		Project No. 7092-40
Client: NYSDEC	Well Development Date: 6/30/93	Logged by: TP	Checked by:
Well/Site I.D.: LC-58	Weather: Sunny 75°	Start Date: 6/30/93	Finish Date: 6/30/93
Initial Water Level (ft): 8.39 ft below top of riser (6/28/93)		Start Time: 0730	Finish Time: 0930
Water Level during Initial Pumping/Purging (ft): 8.39 ft			
Water Level at Termination of Pumping/Purging (ft): —			

Estimated Well Volume: 2" well → 0.16 gal/ft (45.0 − 8.39) = ~~37~~ 6 gal

Number of Well Volumes	TIME	TEMP.	pH	Conductivity	Approximate Pumping Rate (gal/min)	Turbidity (NTU's)
6	0810					
	0840		7.24	0.246		25

Notes:

bailed continuously for 2 hrs.

Actual development conducted by Parratt-Wolfe

WELL DEVELOPER'S SIGNATURE Tony [illegible]

WELL DEVELOPMENT RECORD

9202810 (o)

SECTION 3.0

SECTION 3.0

ANALYTICAL DATA TABLES

VALIDATION REPORT

MEMORANDUM

TO: Cornelia Morin

FROM: Steve Turner

DATE: September 13, 1993

SUBJECT: Data Usability Report - Griffon Park Site

This memo summarizes the usability of the analytical results generated for the Griffon Park Site. Laboratory analyses were performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP), and the data were validated using the criteria specified by U.S. Environmental Protection Agency (USEPA) Region II, modified to include NYSDEC requirements. A detailed evaluation of the laboratory quality control results is attached.

Usability is based on validated sample results. Rejected results ("R" qualifier) represent unusable data since the analyte presence or absence is uncertain. In general, sample results with qualifiers other than "R" are considered as usable. Laboratory data from the Griffon Park Site will be used to determine whether hazardous wastes have been disposed at the site and to evaluate the potential threat to human health and the environment.

The data validation summary attached indicates which laboratory results are considered non-compliant when compared to the ASP requirements. However, the majority of these non-compliant results represent minor quality control problems and do not affect data usability. The cases where quality control problems affected usability and/or resulted in the rejection of data are discussed in the following sections. In most cases these problems are typical analytical difficulties or are the result of sample matrix problems.

Volatile Organics

The volatile organics results were acceptable and may be considered suitable for their intended use. Methylene chloride, acetone, and toluene, common laboratory contaminants, were detected in the laboratory method blanks and the soil equipment blank. All sample results for these compounds which were less than the action level were reported as non-detect. Some calibration problems (initial calibration linearity or continuing calibration percent differences outside acceptance limits) were observed, which represent typical laboratory performance. The affected compounds were qualified as estimated, and this minor deficiency does not affect usability. A low internal standard response was observed for GPBS10800492XX, indicating a possible low bias due to a matrix effect. All target compounds quantitated with the low internal standard were

Semivolatile Organics

The semivolatile organics analyses provided acceptable results, and the values may be used as presented. Some calibration problems (initial calibration linearity or continuing calibration percent differences outside acceptance limits) were observed, which represent typical laboratory performance. The affected compounds were qualified as estimated, and this minor deficiency does not affect usability. Acid surrogate recoveries were less than 10% for GPMW05B00093XX and GPBS10200492XX. These samples were reanalyzed (with a resulting improvement in surrogate recovery), but the reanalyses were performed beyond the holding time. The results were qualified as estimated and should not be used to confirm the absence of SVOCs in these samples. Internal standard responses were outside the acceptance range for GPBS10100892XX, GPBS10200492XX, and GPBS10800892XX; associated results were qualified as estimated. This minor deficiency does not affect usability. Results for bis(2-ethylhexyl)phthalate in GPBS10700292XX and its duplicate were qualified as estimated because the duplicate precision criteria were not met.

Pesticides/Polychlorinated Biphenyls (PCBs)

The pesticides/PCBs results are acceptable and may be used as presented. Results for alpha-BHC and 4,4'-DDT were qualified as estimated because standard linearity criteria were not met, but usability of these data is not affected. Several water samples exhibited surrogate recoveries below the acceptance limits, indicating a potential low bias, and the results were qualified as estimated. These low recoveries may be attributable to matrix problems and do not affect the usability of the results. GPMW049000093XX was analyzed beyond the holding time. The results were qualified as estimated and should not be used to confirm the absence of pesticides/PCBs in this sample.

Inorganics (total)

The majority of the inorganics analyses are acceptable and may be used as presented. Spike recoveries for silver, thallium, arsenic, lead, selenium, copper, barium, cyanide, and mercury were outside acceptance limits, indicating an accuracy problem. The associated results were qualified as estimated. These recoveries may be attributable to matrix and/or laboratory problems and do not affect the usability of the results. However, in one case the water spike recovery for selenium was well below the lower acceptance limit, and the associated results were rejected. These results should not be used to determine the absence of selenium in site samples. The ICP Contract Required Detection Limit (CRDL) standard exhibited recoveries outside quality control (QC) limits for silver and nickel (aqueous) and arsenic, antimony, nickel, and chromium (solid). This deficiency indicates that there is some uncertainty associated with results for this elements reported at or near the CRDL. ICP serial dilution results were outside acceptance limits for magnesium, copper, lead, and iron. The results are usable and were qualified as estimated because of a potential low bias. Cyanide was distilled beyond the holding time for soil samples, and the results were qualified as estimated. These results should not be used to determine the presence or absence of cyanide in soil samples. Duplicate precision criteria were not met for barium, cadmium, chromium,

copper, mercury, silver, and zinc for GPBS10700292XX; associated results were qualified as estimated.

Inorganics (dissolved)
Spike recoveries for silver, arsenic, lead and thallium were outside acceptance limits, indicating an accuracy problem. The associated results were qualified as estimated. These recoveries may be attributable to matrix and/or laboratory problems and do not affect the usability of the results. However, the spike recovery for selenium was well below the lower acceptance limit, and the associated results were rejected. These results should not be used to determine the absence of dissolved selenium in site samples. The ICP CRDL standard exhibited recoveries outside QC limits for silver and nickel. This deficiency indicates that there is some uncertainty associated with results for this elements reported at or near the CRDL. Total versus dissolved results were compared, and barium, calcium, potassium, sodium, and manganese were estimated because the dissolved result exceeded the total result by more than 10%. Iron was rejected in GPMW049000093XX (and its duplicate) because the dissolved results exceeded the total results by more than 150%. These results should not be used to determine the presence or absence of iron in these samples.

EP Toxicity Analysis
The ICP CRDL standard exhibited recoveries outside QC limits for silver , cadmium, and chromium. This deficiency indicates that there is some uncertainty associated with results for this elements reported at or near the CRDL. Laboratory duplicate precision criteria were not met for cadmium; associated results were qualified as estimated.

Tentatively Identified Compounds (TICs)
The ASP analytical procedures for volatile and semivolatile organics may also detect the presence of additional compounds which are not included on the Target Compound List. The mass spectra of these non-target compounds (up to 10 VOCs and 20 SVOCs) are compared to library spectra using a computerized search routine, and the best matches are evaluated by the laboratory. If a good library match can not be made the compound is reported as "unknown". The concentrations are estimated by comparing the compound's response to the that of the closest internal standard.

The volatile TICs reported include aliphatic, aromatic, and polynuclear aromatic hydrocarbons. The semivolatile TICs reported include aromatic and aliphatic hydrocarbons and organic acids. These TICs indicate possible fuel-related contamination. Several apparent discrepancies were observed for the TICs reported for samples and their duplicates or re-analyses. These differences may result from; 1) a non-homogeneous sample matrix, 2) the fact that the method is not specifically developed for these additional analytes, and 3) the procedure for selecting TICs (peaks greater than 10% of the internal standard) may not include all peaks present. It should be noted that uncertainty exists both in identification and quantitation and that the estimated

concentrations could be orders of magnitude higher or lower than the actual concentration.

Data Quality Objectives

Data Quality Objectives (DQOs) are based on the premise that different data uses require different levels of data quality. Data quality refers to the degree of uncertainty of analytical data with respect to precision, accuracy, representativeness, completeness, and comparability (PARCC). These objectives are established based on site conditions, the purpose of the field program, and the knowledge of the measurement systems used for generation of the analytical data.

No major quality control problems were observed during the data validation process which would affect the usability of the sample results. A discussion of the laboratory data quality as it relates to the PARCC objectives is presented below.

Precision and Accuracy

Precision refers to the reproducibility of a measurement under certain specified conditions, and accuracy measures the bias associated with the sampling and analysis process. Precision and accuracy are affected by both field and laboratory conditions. Precision was monitored through the analysis of field and laboratory duplicate samples; accuracy was measured through the analysis of field and laboratory blanks, matrix spikes, and surrogate spikes. The ASP protocols used for the analysis of samples define the criteria for acceptable precision and accuracy. No major precision and accuracy problems were observed which would affect usability. Non-compliant spike recoveries and duplicate results, along with their affect on the sample data, are discussed above.

Several target analytes were reported at concentrations less than the Contract Required Quantitation Limit (CRQL) (and were qualified as estimated, "J"). Uncertainty exists for the quantitation of concentrations less than the CRQL. While these results provide information on the presence of contamination, these values should be qualified for use in decisions. In some cases poor precision was observed between the two columns used for pesticides/PCBs analyses, and the results were qualified with a "P" by the laboratory. While these concentrations should be considered as estimated, they provide an indication of contamination and are suitable for use.

Representativeness

Measurements are made so that the results obtained are representative of the sampling population, the medium (e.g. soil and groundwater), and the site conditions. The sampling protocols were developed to ensure that the samples were representative of the media, that sampling locations were properly selected, and that a sufficient number of samples were collected. Sample handling protocols (chain-of-custody, storage, and transportation) were adequate to preserve the sample integrity. Proper documentation established that the correct protocols had been followed. Co-located samples (field

duplicates) were also collected to assess representativeness, and no major problems were observed which would affect usability.

Completeness

The characteristic of completeness is defined as the percent of valid data obtained as compared to what would be expected under normal conditions. The USEPA has found that CLP protocols typically generate data that is 80% complete. Because sampling activities are often influenced by field conditions the Griffon Park Site Work Plan provided estimates of the number of samples to be collected during the field program. There were no significant deviations from the proposed field program. With the exception of the inorganics analyses, completeness was calculated to be 100%. Because of the rejected results, completeness for the inorganics is 97%.

Comparability

The characteristic of comparability reflects both the internal consistency of measurements and the expression of results in units which are consistent with other organizations reporting similar data. Each value reported for a given measurement should be similar to other values within the same data set and with other related data sets. Comparability was assured through the use of standardized sampling procedures and ASP analytical methods.

MEMORANDUM

TO: Cornelia Morin

FROM: Christine Southard

DATE: September 8, 1993

SUBJECT: Validation : PSA-4 Griffon Park Soil Samples
Project No.: 7092-40
Sampling Dates: June 29 and 30, 1993

Review is complete for the data package generated by NYTEST Environmental, Inc., pertaining to soil samples collected at the Griffon Park site. Review was performed following New York State Department of Environmental Conservation (NYSDEC) criteria and U.S. Environmental Protection Agency (USEPA) Region II guidelines. Samples were analyzed for volatiles, semivolatiles, pesticides/polychlorinated biphenyls (PCBs), inorganics, and Extraction Procedure (EP) Toxicity metals. Organic analyses were performed using protocols specified in NYSDEC Analytical Services Protocols (ASP) 91-1, 91-2, and 91-3. Inorganic analyses were performed using ASP Contract Laboratory Program (CLP) Superfund. EP Toxicity was performed following Method 1310 for extraction followed by CLP Superfund analysis.

The data tables referred to in this memo are comprised of the following:

Table 1 : Laboratory Report of Analysis
Table 2 : Validation/Summary Table
Table 3 : Summary Table

The following subsections summarize the qualifications/edits that have been determined by validation.

All Organic Analyses

Compound results below the Contract Required Quantitation Limit (CRQL) were flagged with a J by the laboratory and on Table 1. These results were considered estimated and flagged J on Tables 2 and 3.

Pesticides/PCBs results which exhibited a percent difference greater than 25% between quantitation results on the two columns used for analysis were flagged with a P by the laboratory. These results were considered estimated and flagged J on Tables 2 and 3.

Inorganic Analyses

Analyte results below the Contract Required Detection Limit (CRDL) were flagged with a B by the laboratory and on Table 1. These results were considered estimated and flagged with a J on Tables 2 and 3.

Volatile Analyses - Qualifications/Edits

1. Initial calibration criteria for linearity were not met for acetone and methylene chloride. Positive results for these two compounds were estimated. Non-detected results for acetone were also qualified as estimated.

2. Methylene chloride, acetone, chloromethane, and total xylenes did not meet percent difference criteria during continuing calibrations. Results for these compounds were estimated in the affected samples.

3. Methylene chloride was detected one soil method blank, and methylene chloride, acetone, and toluene were reported in one field blank. Results for these compounds above the action limit should be considered non-detect in all associated soil samples.

4. Internal standard area of chlorobenzene-d5 was below quality control (QC) limit during the analysis of sample GPBS10800492XX. All compounds quantitated using this internal standard were qualified for both positive and non-detected results.

Volatile Analyses - Comments

Please see items 1 - 4 under **Qualifications/Edits**. All hold times, surrogate recoveries and instrument tunes were within QC limits. All matrix spike and matrix spike duplicate recoveries and relative percent differences (RPDs) met QC criteria.

Semivolatile Analyses - Qualifications/Edits

5. Sample GPBS10200492XX RE was extracted ten days beyond hold time. As a result, both positive and non-detected results were estimated.

6. Surrogate percent recovery was less than 10% for one of the acid surrogates in sample GPBS10200492XX. The reanalysis was reported on Tables 2 and 3, qualified for holding time as discussed above.

7. Initial calibration criteria for linearity were not met for 4-chloroaniline, hexachlorocyclopentadiene, carbazole, pyrene, di-n-butylphthalate, fluoranthene,

and butylbenzylphthalate. Positive results for these compounds were estimated in the associated samples.

8. The percent difference criteria were not met during continuing calibrations for carbazole, 3,3'-dichlorobenzidine, 2,4-dinitrophenol, 2-methylphenol, hexachlorocyclopentadiene, 4-nitrophenol, 4-nitroaniline, pentachlorophenol, and butylbenzylphthalate. Results for these compounds were estimated in the affected samples.

9. Sample GPBS10200492XX had one internal standard area below QC limits. All compounds quantitated using that internal standard were estimated for both positive and non-detected results.

10. During the original analysis of sample GPBS10100892XX three internal standards areas were non-compliant. The sample was reanalyzed resulting in one non-compliant internal standard. Therefore, the reanalysis of the sample was reported on tables 2 and 3, and compounds quantitated using the non-compliant internal standard were estimated for both positive and non-detected results.

11. During the original analysis of sample GPBS10800892XX one internal standard area was outside QC limits. The sample was reanalyzed with similar results. Therefore, the original analysis was reported on tables 2 and 3, and compounds quantitated using that internal standard were qualified for both positive and non-detected results.

12. One pair of field duplicates GPBS10700292XX/XD was collected in association with this data set. Bis(2-ethylhexyl)phthalate was detected at 830 micrograms per kilogram (μg/kg) and 2000 μg/kg in the sample and its duplicate, respectively. The relative percent difference was calculated to be 83%. The results for this compound in these two samples were qualified.

Semivolatile Analyses - Comments

Please see items 6 - 12 under **Qualifications/Edits**. All instrument tune, and method blank criteria were met for all sample analyses. Matrix spike and matrix spike duplicate recoveries and RPDs were within recommended limits.

Pesticide/PCB Analyses - Qualifications/Edits

13. Initial calibration criteria for linearity were not met for alpha-BHC. Associated positive and non-detected sample results were estimated.

Pesticide/PCB Analyses - Comments

Please see item 13 under **Qualifications/Edits**. All hold time, method blank, and surrogate recovery criteria were compliant. All matrix spike and matrix spike duplicate recoveries and RPDs were within the required limits. All standard sequencing, percent breakdown, DDT retention time, and surrogate retention time shift criteria were met.

Inorganic Analyses - Qualifications/Edits

Items 14 - 19 affect samples GPBS10700292XX, GPBS10100892XX, GPBS10700292XX, and GPBS10800892XX.

14. Cyanide was distilled 3 days beyond hold time. As a result, all cyanide results were qualified as estimated.

15. Arsenic, antimony, and nickel did not meet percent recovery criteria during the CRDL standard analysis. Positive results for these analytes were estimated.

16. Matrix spike recoveries were high for arsenic, copper, barium, and mercury. Positive results were estimated. Spike recoveries were low for selenium and silver, and associated results were qualified as estimated for both positive and non-detected results.

17. Field duplicates GPBS10700292XX/XD did not meet field duplicate precision for barium, cadmium, chromium, copper, mercury, silver, and zinc. All associated sample results were qualified for both positive and non-detected results.

18. Copper, iron, and lead did not meet percent difference criteria during ICP serial dilution analysis. The associated positive results were qualified as estimated.

19. Analytical spike recovery for selenium was greater than 115% in samples GPBS10700292XX, GPBS10100892XX, and GPBS10700292XD. Associated positive results were estimated.

Items 20 - 23 affect samples GPBS10200492XX, GPBS10300892XX, GPBS10400292XX, GPBS10500892XX, and GPBS10600692XX.

20. Chromium and nickel did not meet percent recovery criteria during the CRDL standard analysis. Positive results for these analytes were estimated.

21. Matrix spike recoveries were high for arsenic, copper, barium, and mercury. Positive results were estimated. Spike recoveries were low for selenium and

silver. Associated results were qualified for both positive and non-detected results.

22. Copper, iron, and lead did not meet percent difference criteria during ICP serial dilution analysis. The associated positive results were qualified as estimated.

24. Analytical spike recovery was high for selenium in samples GPBS10400292XX and GPBS10600692XX; associated positive results were qualified as estimated. Analytical spike recovery was low for sample GPBS10200492XX; all associated results were estimated.

Inorganic Analyses - Comments

Please see items 14 - 23 under **Qualifications/Edits.** All appropriate QC criteria were reviewed and found acceptable unless noted under **Qualifications/Edits.**

EP Toxicity Analyses - Qualifications/Edits

Item 24 affects samples GPBS10700292XX, GPBS10100892XX, GPBS10700292XX, and GPBS10800892XX.

24. Silver did not meet percent recovery criteria during the CRDL standard analysis. Both positive and non-detected results for this analyte in the associated samples were estimated.

Items 25 - 26 affect samples GPBS10200492XX, GPBS10300892XX, GPBS10400292XX, GPBS10500892XX, and GPBS10600692XX.

25. Silver, cadmium, and chromium did not meet percent recovery criteria during the CRDL standard analysis. Both positive and non-detected results for cadmium were estimated in the affected samples. Only positive results for chromium and silver required qualification.

26. Laboratory duplicate precision criteria were not met for cadmium. Both positive and non-detected results were qualified as estimated in the associated samples.

EP Toxicity Analyses - Comments

Please see items 25 - 26 under **Qualifications/Edits.** All appropriate QC criteria were reviewed and found acceptable unless noted under **Qualifications/Edits.**

MEMORANDUM

TO: Cornelia Morin

FROM: Christine Southard

DATE: September 10, 1993

SUBJECT: Validation : PSA-4 Griffon Park Groundwater Sampling
Project No.: 7092-40
Sampling Dates: July 19 and 20, 1993

Review is complete for the data package generated by NYTEST Environmental, Inc., pertaining to groundwater samples collected at the Griffon Park site. Review was performed following New York State Department of Environmental Conservation (NYSDEC) criteria and U.S. Environmental Protection Agency (USEPA) Region II guidelines. Samples were analyzed for volatiles, semivolatiles, pesticides/polychlorinated biphenyls (PCBs), total suspended solids (TSS) and dissolved and total inorganics. Organic analyses were performed using protocols specified in NYSDEC Analytical Services Protocols (ASP) 91-1, 91-2, and 91-3, respectively. Inorganic samples were analyzed using ASP Contract Laboratory Program (CLP) Superfund. TSS samples were analyzed using Method 160.2.

The data tables referred to in this memo are comprised of the following:

Table 1 : Laboratory Report of Analysis
Table 2 : Validation/Summary Table
Table 3 : Summary Table

The following subsections summarize the qualifications/edits that have been determined by validation.

All Organic Analyses

Compound results below the Contract Required Quantitation Limit (CRQL) were flagged with a J by the laboratory and on Table 1. These results were considered estimated and flagged J on Tables 2 and 3.

Pesticides/PCBs results which exhibited a percent difference greater than 25% between quantitation results on the two columns used for analysis were flagged with a P by the laboratory. These results were considered estimated and flagged J on Tables 2 and 3.

Inorganic Analyses

Analyte results below the Contract Required Detection Limit (CRDL) were flagged with a B by the laboratory and on Table 1. These results were considered estimated and flagged with a J on Tables 2 and 3.

Volatile Analyses - Qualifications/Edits

1. Methylene chloride was detected in the associated method blank and should be considered non-detect in all samples reporting less than 30 micrograms per liter (μg/L). Acetone was also detected in the associated method blank and should be considered non-detect in all samples reporting less than 110 μg/L.

2. Acetone did not meet linearity criteria during initial calibration. Only positive results in the associated samples were qualified as estimated.

3. Field duplicated precision criteria were not met for xylenes (total) in samples GPMW04900093XX/XD. Xylene results were qualified as estimated in both of these samples.

Volatile Analyses - Comments

Please see items 1 - 3 under **Qualifications/Edits**. All hold time, surrogate recovery, internal standard area, continuing calibration, and instrument tune criteria were within quality control (QC) limits. All matrix spike and matrix spike duplicate recoveries and relative percent differences (RPDs) met QC criteria.

Semivolatile Analyses - Qualifications/Edits

4. During the original analysis of sample GPMW05B00093XX one of the acid surrogates exhibited less than ten percent recovery. The sample was reanalyzed, and the problem was corrected. However, the reanalysis of sample GPMW05B00093XX was extracted two days beyond hold time, so all results were qualified as estimated.

5. The percent difference criteria were not met during continuing calibrations for di-n-octylphthalate, 3-nitroaniline, pyrene, hexachlorocyclopentadiene, 2,4-dinitrotoluene, 4-nitroaniline, and 3,3'-dichlorobenzidine. Results for these compounds were estimated in the affected samples.

Semivolatile Analyses - Comments

Please see items 4 and 5 under **Qualifications/Edits**. All hold time, instrument tune, initial calibration, method blank, surrogate recovery, and internal standard area criteria

were met for all sample analyses. Matrix spike and matrix spike duplicate recoveries and RPDs were within recommended limits.

Pesticide/PCB Analyses - Qualifications/Edits

6. Sample GPMW04900093XD was extracted three days beyond holding time. All results were qualified as estimated for this sample.

7. Surrogate recoveries were below criteria for the following samples: GPMW10200093XX, GPMW10100093XX, GPMW04900093XX, GPMW05000093XX, GPMW05500093XX, GPMW05700093XX, and GPMW05A00093XX. As a result, both positive and non-detected results in these samples were qualified as estimated.

8. Linearity criteria were not met during initial calibration for alpha-BHC and 4,4'-DDT. The results for these compounds in all associated samples were qualified as estimated.

Pesticide/PCB Analyses - Comments

Please see items 6 - 8 under **Qualifications/Edits**. All sample matrix spike and matrix spike duplicate recoveries and RPDs were within the required limits. All method blank, standard sequencing, percent breakdown, DDT retention time, and surrogate retention time shift criteria were met.

Total Inorganic Analyses - Qualifications/Edits

9. Silver exhibited a low percent recovery during CRDL standard analysis; positive and non-detected results were estimated in the affected samples. Percent recovery was high for nickel, and positive results for this analyte were qualified as estimated in the affected samples.

10. Matrix spike recovery criteria were not met for silver and thallium. Both positive and non-detected results were qualified as estimated. Selenium exhibited 0% recovery; non-detected results were rejected and positive results were estimated. Percent recovery for cyanide was greater than 125%. Only positive cyanide results were qualified as estimated.

11. Analytical spike recoveries were less than 85% for the following samples and analytes:

Arsenic	GPMW10200093XX	GPMW05500093XX
	GPMW05B00093XX	GPMW05400093XX
	GPMW04900093XX	GPMW05A00093XX
Lead	GPMW05A00093XX	GPMW05000093XX
Selenium	GPMW04900093XD	GPMW04900093XX
	GPMW05A00093XX	GPMW05400093XX
	GPMW05000093XX	GPMW05B00093XX
	GPMW10200093XX	GPMW05700093XX
Thallium	GPMW04900093XD	GPMW04900093XX
	GPMW05A00093XX	GPMW05400093XX
	GPMW05000093XX	GPMW05B00093XX
	GPMW10200093XX	GPMW05600093XX
	GPMW10100093XX	GPMW05500093XX
	GPMW05700093XX	

All results for the above samples were qualified as estimated.

12. Analytical spike recoveries were greater than 115% for lead in samples GPMW05700093XX, GPMW05500093XX, and GPMW10100093XX. Associated positive results were qualified as estimated.

Total Inorganic Analyses - Comments

Please see items 9 - 12 under **Qualifications/Edits.** All appropriate QC criteria were reviewed and found acceptable unless noted under **Qualifications/Edits**.

Dissolved Inorganic Analyses - Qualifications/Edits

13. Silver exhibited a low percent recovery during CRDL standard analysis; positive and non-detected results were estimated in the affected samples. Percent recovery was high for nickel. Only positive results for this analyte were qualified as estimated in the affected samples.

14. Matrix spike recovery criteria were not met for silver. Positive and non-detected results were estimated. Selenium exhibited a percent recovery of zero. Therefore, non-detected results were rejected and positive results were estimated.

15. Analytical spike recoveries were not met for the following samples and analytes:

Arsenic	GPMW05B00093XF

Lead	GPMW05A00093XF	
Thallium	GPMW05A00093XF GPMW10100093XF	GPMW05B00093XF GPMW10200093XF

All associated results were qualified as estimated.

Dissolved Inorganic Analyses - Comments

Please see items 13 - 15 under **Qualifications/Edits.** Total versus dissolved results were compared where appropriate. Barium, calcium, potassium, and sodium required qualification in samples GPMW04900093XD and GPMW04900093DF since the dissolved concentration exceeded the total concentration by more than 10%.

Iron and manganese also required qualification in samples GPMW04900093XX and GPMW04900093XD because the dissolved concentrations were greater than the total concentrations. Iron results in these samples were rejected since the dissolved concentration exceeded the total concentration by more than 150%. Manganese results were estimated in the two samples.

All appropriate QC criteria were reviewed and found acceptable unless noted above or under **Qualifications/Edits.**

Total Suspended Solids Analyses - Qualifications/Edits

There were no qualifications to these data.

Total Suspended Solids Analyses - Comments

Data were reviewed for method and continuing calibration blank contamination. All data were acceptable.

SOIL SAMPLE
ANALYTICAL TABLES

Table 1
Laboratory Report of Analysis

LOCATION: QS-1
ISIS ID: GPQS00100092XX
LAB NUMBER: 1731413
DATE SAMPLED: 06/30/93
DATE ANALYZED: 07/10/93

ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	1	10	U
Bromomethane	1	10	U
Vinyl Chloride	1	10	U
Chloroethane	1	10	U
Methylene Chloride	2	10	U
Acetone	5	10	U
Carbon Disulfide	1	10	U
1,1-Dichloroethene	1	10	U
1,1-Dichloroethane	1	10	U
1,2-Dichloroethene (total)	1	10	U
Chloroform	1	10	U
1,2-Dichloroethane	1	10	U
2-Butanone	5	10	U
1,1,1-Trichloroethane	1	10	U
Carbon Tetrachloride	1	10	U
Bromodichloromethane	1	10	U
1,2-Dichloropropane	1	10	U
cis-1,3-Dichloropropene	1	10	U
Trichloroethene	1	10	U
Dibromochloromethane	1	10	U
1,1,2-Trichloroethane	1	10	U
Benzene	1	10	U
trans-1,3-Dichloropropene	1	10	U
Bromoform	1	10	U
4-Methyl-2-Pentanone	5	10	U
2-Hexanone	5	10	U
Tetrachloroethene	1	10	U
1,1,2,2-Tetrachloroethane	1	10	U
Toluene	10	10	U
Chlorobenzene	10	10	U
Ethylbenzene	10	10	U
Styrene	10	10	U
Total Xylenes	10	10	U

Dilution Factor: 1.00

Associated Method Blank: M2158
Associated Equipment Blank: -
Associated Field Blank: -
Associated Trip Blank: -

Site: EQUIPMENT RINSATE
U = not detected B = blank contamination J = estimated

Table 1
Laboratory Report of Analysis

LOCATION: QT-1
ISIS ID: GPQT00100092XX
LAB NUMBER: 1731414
DATE SAMPLED: 06/30/93
DATE ANALYZED: 07/07/93

ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	1	10	U
Bromomethane	1	10	U
Vinyl Chloride	1	10	U
Chloroethane	1	10	U
Methylene Chloride	2	8	BJ
Acetone	5	9	BJ
Carbon Disulfide	1	10	U
1,1-Dichloroethene	1	10	U
1,1-Dichloroethane	1	10	U
1,2-Dichloroethene (total)	1	10	U
Chloroform	1	10	U
1,2-Dichloroethane	1	10	U
2-Butanone	5	10	U
1,1,1-Trichloroethane	1	10	U
Carbon Tetrachloride	1	10	U
Bromodichloromethane	1	10	U
1,2-Dichloropropane	1	10	U
cis-1,3-Dichloropropene	1	10	U
Trichloroethene	1	10	U
Dibromochloromethane	1	10	U
1,1,2-Trichloroethane	1	10	U
Benzene	1	10	U
trans-1,3-Dichloropropene	1	10	U
Bromoform	1	10	U
4-Methyl-2-Pentanone	5	10	U
2-Hexanone	5	10	U
Tetrachloroethene	1	10	U
1,1,2,2-Tetrachloroethane	1	10	U
Toluene	10	2	J
Chlorobenzene	10	10	U
Ethylbenzene	10	10	U
Styrene	10	10	U
Total Xylenes	10	10	U
Dilution Factor:		1.00	

Associated Method Blank: N1383
Associated Equipment Blank: -
Associated Field Blank: -
Associated Trip Blank: -

Site: TRIP BLANK
U = not detected B = blank contamination J = estimated

02

PROJECT: NYSDEC PSA-4 Griffon Park

Volatile Organic Soil Analysis (ug/kg)

08/25/93

Table 1
Laboratory Report of Analysis

	LOCATION:	BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
	DEPTH:	8	4	8	2	8	6	2	2
	ISIS ID:	GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
	LAB NUMBER:	1731406	1730908	1730907	1730909	1730906	1730910	1731405	1731404
	DATE SAMPLED:	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
	DATE ANALYZED:	07/02/93	07/01/93	07/01/93	07/01/93	07/01/93	07/01/93	07/02/93	07/02/93
ANALYTE	SOW-3/90 - II CRQL								
Chloromethane	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Bromomethane	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Vinyl Chloride	2	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Chloroethane	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Methylene Chloride	5	33 B	13	15 U	12 U	26 U	14 U	26 B	25 B
Acetone	10	140	13 U	100	12 U	26 U	14 U	12 U	12 U
Carbon Disulfide	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,1-Dichloroethene	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,1-Dichloroethane	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,2-Dichloroethene (total)	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Chloroform	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,2-Dichloroethane	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
2-Butanone	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,1,1-Trichloroethane	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Carbon Tetrachloride	3	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Bromodichloromethane	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,2-Dichloropropane	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
cis-1,3-Dichloropropene	2	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Trichloroethene	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Dibromochloromethane	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,1,2-Trichloroethane	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Benzene	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
trans-1,3-Dichloropropene	2	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Bromoform	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
4-Methyl-2-Pentanone	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
2-Hexanone	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Tetrachloroethene	3	24 U	13 U	15 U	12 U	26 U	14 U	4 J	12 U
1,1,2,2-Tetrachloroethane	5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Toluene	10	4 J	9 J	15 U	12 U	26 U	14 U	12 U	12 U
Chlorobenzene	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Ethylbenzene	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Styrene	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Total Xylenes	10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:		42	79	66	82	39	73	84	81
Associated Method Blank:		E0906	E0892	E0892	E0892	E0892	E0892	E0906	E0906
Associated Equipment Blank:		GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:		-	-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected B = blank contamination J = estimated

Table 1
Laboratory Report of Analysis

LOCATION: BS-108
DEPTH: 4
ISIS ID: GPBS10800492XX
LAB NUMBER: 1731407
DATE SAMPLED: 06/30/93
DATE ANALYZED: 07/02/93

ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	10	15	U
Bromomethane	10	15	U
Vinyl Chloride	2	15	U
Chloroethane	10	15	U
Methylene Chloride	5	15	BJ
Acetone	10	15	U
Carbon Disulfide	5	15	U
1,1-Dichloroethene	5	15	U
1,1-Dichloroethane	5	15	U
1,2-Dichloroethene (total)	5	15	U
Chloroform	5	15	U
1,2-Dichloroethane	5	15	U
2-Butanone	10	15	U
1,1,1-Trichloroethane	5	15	U
Carbon Tetrachloride	3	15	U
Bromodichloromethane	5	15	U
1,2-Dichloropropane	5	15	U
cis-1,3-Dichloropropene	2	15	U
Trichloroethene	5	15	U
Dibromochloromethane	5	15	U
1,1,2-Trichloroethane	5	15	U
Benzene	5	15	U
trans-1,3-Dichloropropene	2	15	U
Bromoform	5	15	U
4-Methyl-2-Pentanone	10	15	U
2-Hexanone	10	15	U
Tetrachloroethene	3	15	U
1,1,2,2-Tetrachloroethane	5	15	U
Toluene	10	15	U
Chlorobenzene	10	15	U
Ethylbenzene	10	15	U
Styrene	10	15	U
Total Xylenes	10	15	U

Dilution Factor: 1.00
Percent Solids: 66

Associated Method Blank: E0906
Associated Equipment Blank: GPQS00100092XX
Associated Field Blank: -
Associated Trip Blank: -

Site: SOIL BORING
U = not detected B = blank contamination J = estimated

Table 2
Validation / Summary Table

LOCATION:	BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
DEPTH:	8	4	8	2	8	6	2	2
ISIS ID:	GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
LAB NUMBER:	1731406	1730908	1730907	1730909	1730906	1730910	1731405	1731404
DATE SAMPLED:	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
DATE ANALYZED:	07/02/93	07/01/93	07/01/93	07/01/93	07/01/93	07/01/93	07/02/93	07/02/93
ANALYTE — SOW-3/90 - II — CRQL								
Chloromethane 10	24 UJ	13 U	15 U	12 U	26 U	14 U	12 UJ	12 UJ
Bromomethane 10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Vinyl Chloride 2	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Chloroethane 10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Methylene Chloride 5	33 U	13 J	15 UJ	12 UJ	26 UJ	14 UJ	26 U	25 U
Acetone 10	140 J	13 UJ	100 J	12 UJ	26 UJ	14 UJ	12 UJ	12 UJ
Carbon Disulfide 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,1-Dichloroethene 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,1-Dichloroethane 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,2-Dichloroethene (total) 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Chloroform 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,2-Dichloroethane 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
2-Butanone 10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,1,1-Trichloroethane 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Carbon Tetrachloride 3	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Bromodichloromethane 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,2-Dichloropropane 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
cis-1,3-Dichloropropene 2	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Trichloroethene 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Dibromochloromethane 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
1,1,2-Trichloroethane 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Benzene 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
trans-1,3-Dichloropropene 2	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Bromoform 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
4-Methyl-2-Pentanone 10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
2-Hexanone 10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Tetrachloroethene 3	24 U	13 U	15 U	12 U	26 U	14 U	4 J	12 U
1,1,2,2-Tetrachloroethane 5	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Toluene 10	4 J	9 J	15 U	12 U	26 U	14 U	12 U	12 U
Chlorobenzene 10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Ethylbenzene 10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Styrene 10	24 U	13 U	15 U	12 U	26 U	14 U	12 U	12 U
Total Xylenes 10	24 UJ	13 U	15 U	12 U	26 U	14 U	12 UJ	12 UJ
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	42	79	66	82	39	73	84	81
Associated Method Blank:	E0906	E0892	E0892	E0892	E0892	E0892	E0906	E0906
Associated Equipment Blank:	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:	-	-	-	-	-	-	-	-
Associated Trip Blank:	-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected B = blank contamination J = estimated

Table 2
Validation / Summary Table

LOCATION: BS-108
DEPTH: 4
ISIS ID: GPBS10800492XX
LAB NUMBER: 1731407
DATE SAMPLED: 06/30/93
DATE ANALYZED: 07/02/93

ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	10	15	UJ
Bromomethane	10	15	U
Vinyl Chloride	2	15	U
Chloroethane	10	15	U
Methylene Chloride	5	15	U
Acetone	10	15	UJ
Carbon Disulfide	5	15	U
1,1-Dichloroethene	5	15	U
1,1-Dichloroethane	5	15	U
1,2-Dichloroethene (total)	5	15	U
Chloroform	5	15	U
1,2-Dichloroethane	5	15	U
2-Butanone	10	15	U
1,1,1-Trichloroethane	5	15	U
Carbon Tetrachloride	3	15	U
Bromodichloromethane	5	15	U
1,2-Dichloropropane	5	15	U
cis-1,3-Dichloropropene	2	15	U
Trichloroethene	5	15	U
Dibromochloromethane	5	15	U
1,1,2-Trichloroethane	5	15	U
Benzene	5	15	U
trans-1,3-Dichloropropene	2	15	U
Bromoform	5	15	U
4-Methyl-2-Pentanone	10	15	UJ
2-Hexanone	10	15	UJ
Tetrachloroethene	3	15	UJ
1,1,2,2-Tetrachloroethane	5	15	UJ
Toluene	10	15	UJ
Chlorobenzene	10	15	UJ
Ethylbenzene	10	15	UJ
Styrene	10	15	UJ
Total Xylenes	10	15	UJ

Dilution Factor: 1.00
Percent Solids: 66

Associated Method Blank: E0906
Associated Equipment Blank: GPQS00100092XX
Associated Field Blank: -
Associated Trip Blank: -

Site: SOIL BORING
U = not detected B = blank contamination J = estimated

Table 3
Summary Table

LOCATION:	BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
DEPTH:	8	4	8	2	8	6	2	2
ISIS ID:	GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
LAB NUMBER:	1731406	1730908	1730907	1730909	1730906	1730910	1731405	1731404
DATE SAMPLED:	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
DATE ANALYZED:	07/02/93	07/01/93	07/01/93	07/01/93	07/01/93	07/01/93	07/02/93	07/02/93
ANALYTE SOW-3/90 - II CRQL								
Chloromethane 10	-	-	-	-	-	-	-	-
Bromomethane 10	-	-	-	-	-	-	-	-
Vinyl Chloride 2	-	-	-	-	-	-	-	-
Chloroethane 10	-	-	-	-	-	-	-	-
Methylene Chloride 5	-	13 J	-	-	-	-	-	-
Acetone 10	140 J	-	100 J	-	-	-	-	-
Carbon Disulfide 5	-	-	-	-	-	-	-	-
1,1-Dichloroethene 5	-	-	-	-	-	-	-	-
1,1-Dichloroethane 5	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total) 5	-	-	-	-	-	-	-	-
Chloroform 5	-	-	-	-	-	-	-	-
1,2-Dichloroethane 5	-	-	-	-	-	-	-	-
2-Butanone 10	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane 5	-	-	-	-	-	-	-	-
Carbon Tetrachloride 3	-	-	-	-	-	-	-	-
Bromodichloromethane 5	-	-	-	-	-	-	-	-
1,2-Dichloropropane 5	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene 2	-	-	-	-	-	-	-	-
Trichloroethene 5	-	-	-	-	-	-	-	-
Dibromochloromethane 5	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane 5	-	-	-	-	-	-	-	-
Benzene 5	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene 2	-	-	-	-	-	-	-	-
Bromoform 5	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone 10	-	-	-	-	-	-	-	-
2-Hexanone 10	-	-	-	-	-	-	-	-
Tetrachloroethene 3	-	-	-	-	-	-	4 J	-
1,1,2,2-Tetrachloroethane 5	-	-	-	-	-	-	-	-
Toluene 10	4 J	9 J	-	-	-	-	-	-
Chlorobenzene 10	-	-	-	-	-	-	-	-
Ethylbenzene 10	-	-	-	-	-	-	-	-
Styrene 10	-	-	-	-	-	-	-	-
Total Xylenes 10	-	-	-	-	-	-	-	-
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:	42	79	66	82	39	73	84	81
Associated Method Blank:	E0906	E0892	E0892	E0892	E0892	E0892	E0906	E0906
Associated Equipment Blank:	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:	-	-	-	-	-	-	-	-
Associated Trip Blank:	-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected B = blank contamination J = estimated

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Table 3
Summary Table

LOCATION: BS-108
DEPTH: 4
ISIS ID: GPBS10800492XX
LAB NUMBER: 1731407
DATE SAMPLED: 06/30/93
DATE ANALYZED: 07/02/93

ANALYTE	SOW-3/90 - II CRQL	
Chloromethane	10	-
Bromomethane	10	-
Vinyl Chloride	2	-
Chloroethane	10	-
Methylene Chloride	5	-
Acetone	10	-
Carbon Disulfide	5	-
1,1-Dichloroethene	5	-
1,1-Dichloroethane	5	-
1,2-Dichloroethene (total)	5	-
Chloroform	5	-
1,2-Dichloroethane	5	-
2-Butanone	10	-
1,1,1-Trichloroethane	5	-
Carbon Tetrachloride	3	-
Bromodichloromethane	5	-
1,2-Dichloropropane	5	-
cis-1,3-Dichloropropene	2	-
Trichloroethene	5	-
Dibromochloromethane	5	-
1,1,2-Trichloroethane	5	-
Benzene	5	-
trans-1,3-Dichloropropene	2	-
Bromoform	5	-
4-Methyl-2-Pentanone	10	-
2-Hexanone	10	-
Tetrachloroethene	3	-
1,1,2,2-Tetrachloroethane	5	-
Toluene	10	-
Chlorobenzene	10	-
Ethylbenzene	10	-
Styrene	10	-
Total Xylenes	10	-

Dilution Factor: 1.00
Percent Solids: 66

Associated Method Blank: E0906
Associated Equipment Blank: GPQS00100092XX
Associated Field Blank: -
Associated Trip Blank: -

Site: SOIL BORING
U = not detected B = blank contamination J = estimated

Table 1
Laboratory Report of Analysis

LOCATION: QS-1
ISIS ID: GPQS00100092XX
LAB NUMBER: 1731413
DATE SAMPLED: 06/30/93
DATE EXTRACTED: 07/05/93
DATE ANALYZED: 07/10/93

ANALYTE	SOW-3/90 - II CRQL		
Phenol	10	10	U
bis(2-Chloroethyl)ether	10	10	U
2-Chlorophenol	10	10	U
1,3-Dichlorobenzene	10	10	U
1,4-Dichlorobenzene	10	10	U
1,2-Dichlorobenzene	10	10	U
2-Methylphenol	10	10	U
2,2'-oxybis(1-Chloropropane)	10	10	U
4-Methylphenol	10	10	U
N-Nitroso-di-n-propylamine	10	10	U
Hexachloroethane	10	10	U
Nitrobenzene	10	10	U
Isophorone	10	10	U
2-Nitrophenol	10	10	U
2,4-Dimethylphenol	10	10	U
bis(2-Chloroethoxy)methane	10	10	U
2,4-Dichlorophenol	10	10	U
1,2,4-Trichlorobenzene	10	10	U
Naphthalene	10	10	U
4-Chloroaniline	10	10	U
Hexachlorobutadiene	10	10	U
4-Chloro-3-Methylphenol	10	10	U
2-Methylnaphthalene	10	10	U
Hexachlorocyclopentadiene	10	10	U
2,4,6-Trichlorophenol	10	10	U
2,4,5-Trichlorophenol	25	25	U
2-Chloronaphthalene	10	10	U
2-Nitroaniline	25	25	U
Dimethylphthalate	10	10	U
Acenaphthylene	10	10	U
2,6-Dinitrotoluene	10	10	U

Site: EQUIPMENT RINSATE
U = not detected J = estimated

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Table 1
Laboratory Report of Analysis

LOCATION: QS-1
ISIS ID: GPQS00100092XX
LAB NUMBER: 1731413
DATE SAMPLED: 06/30/93
DATE EXTRACTED: 07/05/93
DATE ANALYZED: 07/10/93

ANALYTE	SOW-3/90 - II CRQL		
3-Nitroaniline	25	25	U
Acenaphthene	10	10	U
2,4-Dinitrophenol	25	25	U
4-Nitrophenol	25	25	U
Dibenzofuran	10	10	U
2,4-Dinitrotoluene	10	10	U
Diethylphthalate	10	10	U
4-Chlorophenyl-phenylether	10	10	U
Fluorene	10	10	U
4-Nitroaniline	25	25	U
4,6-Dinitro-2-methylphenol	25	25	U
N-Nitrosodiphenylamine	10	10	U
4-Bromophenyl-phenylether	10	10	U
Hexachlorobenzene	10	10	U
Pentachlorophenol	25	25	U
Phenanthrene	10	10	U
Anthracene	10	10	U
Carbazole	10	10	U
Di-n-butylphthalate	10	10	U
Fluoranthene	10	10	U
Pyrene	10	10	U
Butylbenzylphthalate	10	10	U
3,3'-Dichlorobenzidine	10	10	U
Benzo(a)Anthracene	10	10	U
Chrysene	10	10	U
bis(2-Ethylhexyl)phthalate	10	10	U
Di-n-octylphthalate	10	10	U
Benzo(b)Fluoranthene	10	10	U
Benzo(k)Fluoranthene	10	10	U
Benzo(a)Pyrene	10	10	U
Indeno(1,2,3-c,d)Pyrene	10	10	U
Dibenz(a,h)Anthracene	10	10	U
Benzo(g,h,i)perylene	10	10	U

Dilution Factor: 1.00

Associated Method Blank: F5948
Associated Equipment Blank: -
Associated Field Blank: -

Site: EQUIPMENT RINSATE
U = not detected J = estimated

Table 1
Laboratory Report of Analysis

LOCATION:	BS-101	BS-101	BS-102	BS-102	BS-103	BS-104	BS-105	BS-106
DEPTH:	8	8	4	4	8	2	8	6
ISIS ID:	GPBS10100892XX	GPBS10100892XX	GPBS10200492XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX
LAB NUMBER:	1731406	1731406 R	1730908	1730908 R	1730907	1730909	1730906	1730910
DATE SAMPLED:	06/30/93	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
DATE EXTRACTED:	07/06/93	07/06/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93
DATE ANALYZED:	07/14/93	07/15/93	07/14/93	07/14/93	07/14/93	07/14/93	07/14/93	07/14/93

ANALYTE	SOW-3/90 - II CRQL																
Phenol	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
bis(2-Chloroethyl)ether	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2-Chlorophenol	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
1,3-Dichlorobenzene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
1,4-Dichlorobenzene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
1,2-Dichlorobenzene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2-Methylphenol	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2,2'-oxybis(1-Chloropropane)	330	140	J	150	J	420	U	420	U	1000	U	4000	U	8500	U	4500	U
4-Methylphenol	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
N-Nitroso-di-n-propylamine	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
Hexachloroethane	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
Nitrobenzene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
Isophorone	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2-Nitrophenol	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2,4-Dimethylphenol	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
bis(2-Chloroethoxy)methane	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2,4-Dichlorophenol	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
1,2,4-Trichlorobenzene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
Naphthalene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	53000		4500	U
4-Chloroaniline	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
Hexachlorobutadiene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
4-Chloro-3-Methylphenol	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2-Methylnaphthalene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
Hexachlorocyclopentadiene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2,4,6-Trichlorophenol	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2,4,5-Trichlorophenol	800	1900	U	1900	U	1000	U	1000	U	2400	U	9800	U	21000	U	11000	U
2-Chloronaphthalene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2-Nitroaniline	800	1900	U	1900	U	1000	U	1000	U	2400	U	9800	U	21000	U	11000	U
Dimethylphthalate	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
Acenaphthylene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U
2,6-Dinitrotoluene	330	790	U	790	U	420	U	420	U	1000	U	4000	U	8500	U	4500	U

Site: SOIL BORING
U = not detected J = estimated

Table 1
Laboratory Report of Analysis

LOCATION:	BS-101	BS-101	BS-102	BS-102	BS-103	BS-104	BS-105	BS-106
DEPTH:	8	8	4	4	8	2	8	6
ISIS ID:	GPBS10100892XX	GPBS10100892XX	GPBS10200492XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX
LAB NUMBER:	1731406	1731406 R	1730908	1730908 R	1730907	1730909	1730906	1730910
DATE SAMPLED:	06/30/93	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
DATE EXTRACTED:	07/06/93	07/06/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93
DATE ANALYZED:	07/14/93	07/15/93	07/14/93	07/14/93	07/14/93	07/14/93	07/14/93	07/14/93
ANALYTE SOW-3/90 - II CRQL								
3-Nitroaniline 800	1900 U	1900 U	1000 U	1000 U	2400 U	9800 U	21000 U	11000 U
Acenaphthene 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
2,4-Dinitrophenol 800	1900 U	1900 U	1000 U	1000 U	2400 U	9800 U	21000 U	11000 U
4-Nitrophenol 800	1900 U	1900 UJ	1000 U	1000 U	2400 U	9800 U	21000 U	11000 U
Dibenzofuran 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
2,4-Dinitrotoluene 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Diethylphthalate 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
4-Chlorophenyl-phenylether 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Fluorene 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
4-Nitroaniline 800	1900 U	1900 U	1000 U	1000 U	2400 U	9800 U	21000 U	11000 U
4,6-Dinitro-2-methylphenol 800	1900 U	1900 UJ	1000 U	1000 U	2400 U	9800 U	21000 U	11000 U
N-Nitrosodiphenylamine 330	790 U	120 J	420 U	420 U	1000 U	4000 U	8500 U	4500 U
4-Bromophenyl-phenylether 330	790 U	790 UJ	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Hexachlorobenzene 330	790 U	790 UJ	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Pentachlorophenol 800	1900 U	1900 UJ	1000 U	1000 U	2400 U	9800 U	21000 U	11000 U
Phenanthrene 330	150 J	150 J	420 U	420 U	170 J	4000 U	910 J	4500 U
Anthracene 330	790 U	790 UJ	420 U	420 U	1000 U	410 J	8500 U	4500 U
Carbazole 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Di-n-butylphthalate 330	790 U	790 UJ	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Fluoranthene 330	220 J	210 J	420 U	420 U	150 J	580 J	930 J	4500 U
Pyrene 330	190 J	170 J	420 U	420 U	1000 U	590 J	8500 U	4500 U
Butylbenzylphthalate 330	790 U	790 UJ	420 U	420 U	130 J	4000 U	8500 U	4500 U
3,3'-Dichlorobenzidine 330	790 U	790 UJ	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Benzo(a)Anthracene 330	790 U	120 J	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Chrysene 330	790 U	140 J	420 U	420 U	1000 U	4000 U	8500 U	4500 U
bis(2-Ethylhexyl)phthalate 330	930	860	420 U	53 J	1900	4000 U	10000	4500 U
Di-n-octylphthalate 330	790 U	86 J	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Benzo(b)Fluoranthene 330	790 U	90 J	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Benzo(k)Fluoranthene 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Benzo(a)Pyrene 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Indeno(1,2,3-c,d)Pyrene 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Dibenz(a,h)Anthracene 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Benzo(g,h,i)perylene 330	790 U	790 U	420 U	420 U	1000 U	4000 U	8500 U	4500 U
Dilution Factor:	1.00	1.00	1.00	1.00	2.00	10.0	10.0	10.0
Percent Solids:	42	42	79	79	66	82	39	73
Associated Method Blank:	B4311	B4311	B4296	B4296	B4296	B4296	B4296	B4296
Associated Equipment Blank:	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected J = estimated

Table 1
Laboratory Report of Analysis

		LOCATION:	BS-107 DUP		BS-107		BS-108		BS-108
		DEPTH:	2		2		8		8
		ISIS ID:	GPBS10700292XD		GPBS10700292XX		GPBS10800892XX		GPBS10800892XX
		LAB NUMBER:	1731405		1731404		1731410		1731410 R
		DATE SAMPLED:	06/30/93		06/30/93		06/30/93		06/30/93
		DATE EXTRACTED:	07/06/93		07/06/93		07/06/93		07/06/93
		DATE ANALYZED:	07/15/93		07/15/93		07/15/93		07/15/93
ANALYTE	SOW-3/90 - II	CRQL							
Phenol		330	390	U	410	U	920	U	920 U
bis(2-Chloroethyl)ether		330	390	U	410	U	920	U	920 U
2-Chlorophenol		330	390	U	410	U	920	U	920 U
1,3-Dichlorobenzene		330	390	U	410	U	920	U	920 U
1,4-Dichlorobenzene		330	390	U	410	U	920	U	920 U
1,2-Dichlorobenzene		330	390	U	410	U	920	U	920 U
2-Methylphenol		330	390	U	410	U	920	U	920 U
2,2'-oxybis(1-Chloropropane)		330	390	U	410	U	100	J	920 U
4-Methylphenol		330	390	U	410	U	920	U	920 U
N-Nitroso-di-n-propylamine		330	390	U	410	U	920	U	920 U
Hexachloroethane		330	390	U	410	U	920	U	920 U
Nitrobenzene		330	390	U	410	U	920	U	920 U
Isophorone		330	390	U	410	U	920	U	920 U
2-Nitrophenol		330	390	U	410	U	920	U	920 U
2,4-Dimethylphenol		330	390	U	410	U	920	U	920 U
bis(2-Chloroethoxy)methane		330	390	U	410	U	920	U	920 U
2,4-Dichlorophenol		330	390	U	410	U	920	U	920 U
1,2,4-Trichlorobenzene		330	390	U	410	U	920	U	920 U
Naphthalene		330	390	U	410	U	920	U	920 U
4-Chloroaniline		330	390	U	410	U	920	U	920 U
Hexachlorobutadiene		330	390	U	410	U	920	U	920 U
4-Chloro-3-Methylphenol		330	390	U	410	U	920	U	920 U
2-Methylnaphthalene		330	390	U	410	U	920	U	920 U
Hexachlorocyclopentadiene		330	390	U	410	U	920	U	920 U
2,4,6-Trichlorophenol		330	390	U	410	U	920	U	920 U
2,4,5-Trichlorophenol		800	950	U	990	U	2200	U	2200 U
2-Chloronaphthalene		330	390	U	410	U	920	U	920 U
2-Nitroaniline		800	950	U	990	U	2200	U	2200 U
Dimethylphthalate		330	390	U	410	U	920	U	920 U
Acenaphthylene		330	390	U	410	U	920	U	920 U
2,6-Dinitrotoluene		330	390	U	410	U	920	U	920 U

Site: SOIL BORING
U = not detected J = estimated

Table 1
Laboratory Report of Analysis

		LOCATION:	BS-107 DUP		BS-107		BS-108		BS-108		
		DEPTH:	2		2		8		8		
		ISIS ID:	GPBS10700292XD		GPBS10700292XX		GPBS10800892XX		GPBS10800892XX		
		LAB NUMBER:	1731405		1731404		1731410		1731410 R		
		DATE SAMPLED:	06/30/93		06/30/93		06/30/93		06/30/93		
		DATE EXTRACTED:	07/06/93		07/06/93		07/06/93		07/06/93		
		DATE ANALYZED:	07/15/93		07/15/93		07/15/93		07/15/93		
ANALYTE	SOW-3/90 - II	CRQL									
3-Nitroaniline		800	950	U	990	U	2200	U	2200	U	
Acenaphthene		330	390	U	410	U	920	U	920	U	
2,4-Dinitrophenol		800	950	U	990	U	2200	U	2200	U	
4-Nitrophenol		800	950	UJ	990	UJ	2200	UJ	2200	U	
Dibenzofuran		330	390	U	410	U	920	U	920	U	
2,4-Dinitrotoluene		330	390	U	410	U	920	U	920	U	
Diethylphthalate		330	390	U	410	U	920	U	920	U	
4-Chlorophenyl-phenylether		330	390	U	410	U	920	U	920	U	
Fluorene		330	390	U	410	U	920	U	920	U	
4-Nitroaniline		800	950	U	990	U	2200	U	2200	U	
4,6-Dinitro-2-methylphenol		800	950	U	990	U	2200	UJ	2200	U	
N-Nitrosodiphenylamine		330	390	U	410	U	140	J	150	J	
4-Bromophenyl-phenylether		330	390	U	410	U	920	UJ	920	U	
Hexachlorobenzene		330	390	U	410	U	920	UJ	920	U	
Pentachlorophenol		800	950	UJ	990	UJ	2200	UJ	2200	U	
Phenanthrene		330	190	J	70	J	200	J	200	J	
Anthracene		330	53	J	410	U	920	UJ	920	U	
Carbazole		330	390	U	410	U	920	UJ	920	U	
Di-n-butylphthalate		330	50	J	50	J	140	J	130	J	
Fluoranthene		330	260	J	120	J	330	J	290	J	
Pyrene		330	210	J	82	J	190	J	190	J	
Butylbenzylphthalate		330	390	UJ	410	UJ	920	UJ	920	U	
3,3'-Dichlorobenzidine		330	390	UJ	410	UJ	920	UJ	920	U	
Benzo(a)Anthracene		330	81	J	410	U	120	J	920	U	
Chrysene		330	96	J	410	U	230	J	210	J	
bis(2-Ethylhexyl)phthalate		330	2000	J	830	J	2700		2600		
Di-n-octylphthalate		330	390	U	410	U	920	U	920	U	
Benzo(b)Fluoranthene		330	390	U	410	U	920	U	920	U	
Benzo(k)Fluoranthene		330	390	U	410	U	920	U	920	U	
Benzo(a)Pyrene		330	390	U	410	U	920	U	920	U	
Indeno(1,2,3-c,d)Pyrene		330	390	U	410	U	920	U	920	U	
Dibenz(a,h)Anthracene		330	390	U	410	U	920	U	920	U	
Benzo(g,h,i)perylene		330	390	U	410	U	920	U	920	U	
Dilution Factor:			1.00		1.00		2.00		2.00		
Percent Solids:			84		81		72		72		
Associated Method Blank:			B4311		B4311		B4311		B4311		
Associated Equipment Blank:			GPQS00100092XX		GPQS00100092XX		GPQS00100092XX		GPQS00100092XX		
Associated Field Blank:			-		-		-		-		

Site: SOIL BORING
U = not detected J = estimated

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Table 2
Validation / Summary Table

LOCATION:		BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
DEPTH:		8	4	8	2	8	6	2	2
ISIS ID:		GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
LAB NUMBER:		1731406 R	1730908 R	1730907	1730909	1730906	1730910	1731405	1731404
DATE SAMPLED:		06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
DATE EXTRACTED:		07/06/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/06/93	07/06/93
DATE ANALYZED:		07/15/93	07/14/93	07/14/93	07/14/93	07/14/93	07/14/93	07/15/93	07/15/93
ANALYTE	SOW-3/90 - II CRQL								
Phenol	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
bis(2-Chloroethyl)ether	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
2-Chlorophenol	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
1,3-Dichlorobenzene	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
1,4-Dichlorobenzene	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
1,2-Dichlorobenzene	330	790 UJ	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
2-Methylphenol	330	790 U	420 UJ	1000 UJ	4000 U	8500 U	4500 U	390 UJ	410 UJ
2,2'-oxybis(1-Chloropropane)	330	150 J	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
4-Methylphenol	330	790 UJ	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
N-Nitroso-di-n-propylamine	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
Hexachloroethane	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
Nitrobenzene	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
Isophorone	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
2-Nitrophenol	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
2,4-Dimethylphenol	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
bis(2-Chloroethoxy)methane	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
2,4-Dichlorophenol	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
1,2,4-Trichlorobenzene	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
Naphthalene	330	790 U	420 UJ	1000 U	4000 U	53000	4500 U	390 U	410 U
4-Chloroaniline	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
Hexachlorobutadiene	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
4-Chloro-3-Methylphenol	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
2-Methylnaphthalene	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
Hexachlorocyclopentadiene	330	790 UJ	420 UJ	1000 UJ	4000 UJ	8500 UJ	4500 UJ	390 UJ	410 UJ
2,4,6-Trichlorophenol	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
2,4,5-Trichlorophenol	800	1900 U	1000 UJ	2400 U	9800 U	21000 U	11000 U	950 U	990 U
2-Chloronaphthalene	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
2-Nitroaniline	800	1900 U	1000 UJ	2400 U	9800 U	21000 U	11000 U	950 U	990 U
Dimethylphthalate	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
Acenaphthylene	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U
2,6-Dinitrotoluene	330	790 U	420 UJ	1000 U	4000 U	8500 U	4500 U	390 U	410 U

Site: SOIL BORING
U = not detected J = estimated

Table 2
Validation / Summary Table

LOCATION:	BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
DEPTH:	8	4	8	2	8	6	2	2
ISIS ID:	GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
LAB NUMBER:	1731406 R	1730908 R	1730907	1730909	1730906	1730910	1731405	1731404
DATE SAMPLED:	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
DATE EXTRACTED:	07/06/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/06/93	07/06/93
DATE ANALYZED:	07/15/93	07/14/93	07/14/93	07/14/93	07/14/93	07/14/93	07/15/93	07/15/93

ANALYTE	SOW-3/90 - II CRQL																
3-Nitroaniline	800	1900	U	1000	UJ	2400	U	9800	U	21000	U	11000	U	950	U	990	U
Acenaphthene	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
2,4-Dinitrophenol	800	1900	U	1000	UJ	2400	U	9800	U	21000	U	11000	U	950	U	990	U
4-Nitrophenol	800	1900	UJ	1000	UJ	2400	UJ	9800	UJ	21000	UJ	11000	UJ	950	UJ	990	UJ
Dibenzofuran	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
2,4-Dinitrotoluene	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Diethylphthalate	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
4-Chlorophenyl-phenylether	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Fluorene	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
4-Nitroaniline	800	1900	U	1000	UJ	2400	UJ	9800	UJ	21000	UJ	11000	UJ	950	U	990	U
4,6-Dinitro-2-methylphenol	800	1900	UJ	1000	UJ	2400	U	9800	U	21000	U	11000	U	950	U	990	U
N-Nitrosodiphenylamine	330	120	J	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
4-Bromophenyl-phenylether	330	790	UJ	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Hexachlorobenzene	330	790	UJ	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Pentachlorophenol	800	1900	UJ	1000	UJ	2400	UJ	9800	UJ	21000	UJ	11000	UJ	950	UJ	990	UJ
Phenanthrene	330	150	J	420	UJ	170	J	4000	U	910	J	4500	U	190	J	70	J
Anthracene	330	790	UJ	420	UJ	1000	U	410	J	8500	U	4500	U	53	J	410	U
Carbazole	330	790	UJ	420	UJ	1000	UJ	4000	UJ	8500	UJ	4500	UJ	390	U	410	U
Di-n-butylphthalate	330	790	UJ	420	UJ	1000	U	4000	U	8500	U	4500	U	50	J	50	J
Fluoranthene	330	210	J	420	UJ	150	J	580	J	930	J	4500	U	260	J	120	J
Pyrene	330	170	J	420	UJ	1000	U	590	J	8500	U	4500	U	210	J	82	J
Butylbenzylphthalate	330	790	UJ	420	UJ	130	J	4000	U	8500	U	4500	U	390	UJ	410	UJ
3,3'-Dichlorobenzidine	330	790	UJ	420	UJ	1000	UJ	4000	UJ	8500	UJ	4500	UJ	390	UJ	410	UJ
Benzo(a)Anthracene	330	120	J	420	UJ	1000	U	4000	U	8500	U	4500	U	81	J	410	U
Chrysene	330	140	J	420	UJ	1000	U	4000	U	8500	U	4500	U	96	J	410	U
bis(2-Ethylhexyl)phthalate	330	860		53	J	1900		4000	U	10000		4500	U	2000	J	830	J
Di-n-octylphthalate	330	86	J	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Benzo(b)Fluoranthene	330	90	J	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Benzo(k)Fluoranthene	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Benzo(a)Pyrene	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Indeno(1,2,3-c,d)Pyrene	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Dibenz(a,h)Anthracene	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Benzo(g,h,i)perylene	330	790	U	420	UJ	1000	U	4000	U	8500	U	4500	U	390	U	410	U
Dilution Factor:		1.00		1.00		2.00		10.0		10.0		10.0		1.00		1.00	
Percent Solids:		42		79		66		82		39		73		84		81	

Associated Method Blank:	B4311	B4296	B4296	B4296	B4296	B4296	B4311	B4311
Associated Equipment Blank:	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected J = estimated

Table 2
Validation / Summary Table

LOCATION:	BS-108
DEPTH:	8
ISIS ID:	GPBS10800892XX
LAB NUMBER:	1731410
DATE SAMPLED:	06/30/93
DATE EXTRACTED:	07/06/93
DATE ANALYZED:	07/15/93

ANALYTE	SOW-3/90 - II CRQL		
Phenol	330	920	U
bis(2-Chloroethyl)ether	330	920	U
2-Chlorophenol	330	920	U
1,3-Dichlorobenzene	330	920	U
1,4-Dichlorobenzene	330	920	U
1,2-Dichlorobenzene	330	920	U
2-Methylphenol	330	920	UJ
2,2'-oxybis(1-Chloropropane)	330	100	J
4-Methylphenol	330	920	U
N-Nitroso-di-n-propylamine	330	920	U
Hexachloroethane	330	920	U
Nitrobenzene	330	920	U
Isophorone	330	920	U
2-Nitrophenol	330	920	U
2,4-Dimethylphenol	330	920	U
bis(2-Chloroethoxy)methane	330	920	U
2,4-Dichlorophenol	330	920	U
1,2,4-Trichlorobenzene	330	920	U
Naphthalene	330	920	U
4-Chloroaniline	330	920	U
Hexachlorobutadiene	330	920	U
4-Chloro-3-Methylphenol	330	920	U
2-Methylnaphthalene	330	920	U
Hexachlorocyclopentadiene	330	920	UJ
2,4,6-Trichlorophenol	330	920	U
2,4,5-Trichlorophenol	800	2200	U
2-Chloronaphthalene	330	920	U
2-Nitroaniline	800	2200	U
Dimethylphthalate	330	920	U
Acenaphthylene	330	920	U
2,6-Dinitrotoluene	330	920	U

Site: SOIL BORING
U = not detected J = estimated

Table 3
Summary Table

		LOCATION:	BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
		DEPTH:	8	4	8	2	8	6	2	2
		ISIS ID:	GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
		LAB NUMBER:	1731406 R	1730908 R	1730907	1730909	1730906	1730910	1731405	1731404
		DATE SAMPLED:	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
		DATE EXTRACTED:	07/06/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/06/93	07/06/93
		DATE ANALYZED:	07/15/93	07/14/93	07/14/93	07/14/93	07/14/93	07/14/93	07/15/93	07/15/93
ANALYTE	SOW-3/90 - II	CRQL								
Phenol		330	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether		330	-	-	-	-	-	-	-	-
2-Chlorophenol		330	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene		330	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene		330	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene		330	-	-	-	-	-	-	-	-
2-Methylphenol		330	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)		330	150 J	-	-	-	-	-	-	-
4-Methylphenol		330	-	-	-	-	-	-	-	-
N-Nitroso-di-n-propylamine		330	-	-	-	-	-	-	-	-
Hexachloroethane		330	-	-	-	-	-	-	-	-
Nitrobenzene		330	-	-	-	-	-	-	-	-
Isophorone		330	-	-	-	-	-	-	-	-
2-Nitrophenol		330	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		330	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane		330	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		330	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		330	-	-	-	-	-	-	-	-
Naphthalene		330	-	-	-	-	53000	-	-	-
4-Chloroaniline		330	-	-	-	-	-	-	-	-
Hexachlorobutadiene		330	-	-	-	-	-	-	-	-
4-Chloro-3-Methylphenol		330	-	-	-	-	-	-	-	-
2-Methylnaphthalene		330	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		330	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		330	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		800	-	-	-	-	-	-	-	-
2-Chloronaphthalene		330	-	-	-	-	-	-	-	-
2-Nitroaniline		800	-	-	-	-	-	-	-	-
Dimethylphthalate		330	-	-	-	-	-	-	-	-
Acenaphthylene		330	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		330	-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected J = estimated

Semivolatile Organic Soil Analysis (ug/kg)

Table 3
Summary Table

LOCATION:	BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
DEPTH:	8	4	8	2	8	6	2	2
ISIS ID:	GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
LAB NUMBER:	1731406 R	1730908 R	1730907	1730909	1730906	1730910	1731405	1731404
DATE SAMPLED:	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
DATE EXTRACTED:	07/06/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/06/93	07/06/93
DATE ANALYZED:	07/15/93	07/14/93	07/14/93	07/14/93	07/14/93	07/14/93	07/15/93	07/15/93
ANALYTE SOW-3/90 - II	CRQL							
3-Nitroaniline	800	-	-	-	-	-	-	-
Acenaphthene	330	-	-	-	-	-	-	-
2,4-Dinitrophenol	800	-	-	-	-	-	-	-
4-Nitrophenol	800	-	-	-	-	-	-	-
Dibenzofuran	330	-	-	-	-	-	-	-
2,4-Dinitrotoluene	330	-	-	-	-	-	-	-
Diethylphthalate	330	-	-	-	-	-	-	-
4-Chlorophenyl-phenylether	330	-	-	-	-	-	-	-
Fluorene	330	-	-	-	-	-	-	-
4-Nitroaniline	800	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	800	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	330	120 J	-	-	-	-	-	-
4-Bromophenyl-phenylether	330	-	-	-	-	-	-	-
Hexachlorobenzene	330	-	-	-	-	-	-	-
Pentachlorophenol	800	-	-	-	-	-	-	-
Phenanthrene	330	150 J	-	170 J	-	910 J	-	190 J	70 J
Anthracene	330	-	-	-	410 J	-	-	53 J	-
Carbazole	330	-	-	-	-	-	-	-	-
Di-n-butylphthalate	330	-	-	-	-	-	-	50 J	50 J
Fluoranthene	330	210 J	-	150 J	580 J	930 J	-	260 J	120 J
Pyrene	330	170 J	-	-	590 J	-	-	210 J	82 J
Butylbenzylphthalate	330	-	-	130 J	-	-	-	-	-
3,3'-Dichlorobenzidine	330	-	-	-	-	-	-	-	-
Benzo(a)Anthracene	330	120 J	-	-	-	-	-	81 J	-
Chrysene	330	140 J	-	-	-	-	-	96 J	-
bis(2-Ethylhexyl)phthalate	330	860	53 J	1900	-	10000	-	2000 J	830 J
Di-n-octylphthalate	330	86 J	-	-	-	-	-	-	-
Benzo(b)Fluoranthene	330	90 J	-	-	-	-	-	-	-
Benzo(k)Fluoranthene	330	-	-	-	-	-	-	-	-
Benzo(a)Pyrene	330	-	-	-	-	-	-	-	-
Indeno(1,2,3-c,d)Pyrene	330	-	-	-	-	-	-	-	-
Dibenz(a,h)Anthracene	330	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	330	-	-	-	-	-	-	-	-
Dilution Factor:		1.00	1.00	2.00	10.0	10.0	10.0	1.00	1.00
Percent Solids:		42	79	66	82	39	73	84	81
Associated Method Blank:		B4311	B4296	B4296	B4296	B4296	B4296	B4311	B4311
Associated Equipment Blank:		GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected J = estimated

Table 3
Summary Table

LOCATION:	BS-108
DEPTH:	8
ISIS ID:	GPBS10800892XX
LAB NUMBER:	1731410
DATE SAMPLED:	06/30/93
DATE EXTRACTED:	07/06/93
DATE ANALYZED:	07/15/93

ANALYTE	SOW-3/90 - II CRQL	
Phenol	330	-
bis(2-Chloroethyl)ether	330	-
2-Chlorophenol	330	-
1,3-Dichlorobenzene	330	-
1,4-Dichlorobenzene	330	-
1,2-Dichlorobenzene	330	-
2-Methylphenol	330	-
2,2'-oxybis(1-Chloropropane)	330	-
4-Methylphenol	330	-
N-Nitroso-di-n-propylamine	330	-
Hexachloroethane	330	-
Nitrobenzene	330	-
Isophorone	330	-
2-Nitrophenol	330	-
2,4-Dimethylphenol	330	-
bis(2-Chloroethoxy)methane	330	-
2,4-Dichlorophenol	330	-
1,2,4-Trichlorobenzene	330	-
Naphthalene	330	-
4-Chloroaniline	330	-
Hexachlorobutadiene	330	-
4-Chloro-3-Methylphenol	330	-
2-Methylnaphthalene	330	-
Hexachlorocyclopentadiene	330	-
2,4,6-Trichlorophenol	330	-
2,4,5-Trichlorophenol	800	-
2-Chloronaphthalene	330	-
2-Nitroaniline	800	-
Dimethylphthalate	330	-
Acenaphthylene	330	-
2,6-Dinitrotoluene	330	-

Site: SOIL BORING
U = not detected J = estimated

2

Table 3
Summary Table

LOCATION:	BS-108
DEPTH:	8
ISIS ID:	GPBS10800892XX
LAB NUMBER:	1731410
DATE SAMPLED:	06/30/93
DATE EXTRACTED:	07/06/93
DATE ANALYZED:	07/15/93

ANALYTE	SOW-3/90 - II CRQL		
3-Nitroaniline	800	-	
Acenaphthene	330	-	
2,4-Dinitrophenol	800	-	
4-Nitrophenol	800	-	
Dibenzofuran	330	-	
2,4-Dinitrotoluene	330	-	
Diethylphthalate	330	-	
4-Chlorophenyl-phenylether	330	-	
Fluorene	330	-	
4-Nitroaniline	800	-	
4,6-Dinitro-2-methylphenol	800	-	
N-Nitrosodiphenylamine	330	140	J
4-Bromophenyl-phenylether	330	-	
Hexachlorobenzene	330	-	
Pentachlorophenol	800	-	
Phenanthrene	330	200	J
Anthracene	330	-	
Carbazole	330	-	
Di-n-butylphthalate	330	140	J
Fluoranthene	330	330	J
Pyrene	330	190	J
Butylbenzylphthalate	330	-	
3,3'-Dichlorobenzidine	330	-	
Benzo(a)Anthracene	330	120	J
Chrysene	330	230	J
bis(2-Ethylhexyl)phthalate	330	2700	
Di-n-octylphthalate	330	-	
Benzo(b)Fluoranthene	330	-	
Benzo(k)Fluoranthene	330	-	
Benzo(a)Pyrene	330	-	
Indeno(1,2,3-c,d)Pyrene	330	-	
Dibenz(a,h)Anthracene	330	-	
Benzo(g,h,i)perylene	330	-	
Dilution Factor:		2.00	
Percent Solids:		72	

Associated Method Blank:	B4311
Associated Equipment Blank:	GPQS00100092XX
Associated Field Blank:	-

Site: SOIL BORING
U = not detected J = estimated

Table 1
Laboratory Report of Analysis

LOCATION:		BS-101	BS-102	BS-103	BS-104	BS-104	BS-105	BS-106	BS-107 DUP
DEPTH:		8	4	8	2	2	8	6	2
ISIS ID:		GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD
LAB NUMBER:		1731406	1730908	1730907	1730909	1730909 D	1730906	1730910	1731405
DATE SAMPLED:		06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93
DATE EXTRACTED:		07/06/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/06/93
DATE ANALYZED:		07/25/93	07/16/93	07/16/93	07/16/93	07/16/93	07/16/93	07/16/93	07/25/93
ANALYTE	SOW-3/90 - II CRQL								
alpha-BHC	1.7	4.0 U	2.2 U	7.7 U	160	130 D	13 U	7.0 U	6.1 U
beta-BHC	1.7	4.0 U	2.2 U	7.7 U	Q	190 D	13 U	4.5 JP	6.1 U
delta-BHC	1.7	4.0 U	2.2 U	7.7 U	26	23 DJ	13 U	7.0 U	6.1 U
gamma-BHC (Lindane)	1.7	4.0 U	2.2 U	7.7 U	100	93 D	13 U	7.0 U	6.1 U
Heptachlor	1.7	4.0 U	2.2 U	7.7 U	8.3 U	41 U	13 U	7.0 U	6.1 U
Aldrin	1.7	4.0 U	2.2 U	7.7 U	8.3 U	41 U	13 U	7.0 U	6.1 U
Heptachlor Epoxide	1.7	4.0 U	2.2 U	7.7 U	8.3 U	41 U	13 U	7.0 U	6.1 U
Endosulfan I	1.7	4.0 U	2.2 U	7.7 U	8.3 U	41 U	13 U	7.0 U	6.1 U
Dieldrin	3.3	7.9 U	4.2 U	15 U	16 U	80 U	25 U	14 U	12 U
4,4'-DDE	3.3	4.3 J	4.2 U	190	16 U	80 U	25 U	8.3 JP	12 U
Endrin	3.3	7.9 U	4.2 U	15 U	10 JP	80 U	25 U	14 U	12 U
Endosulfan II	3.3	7.9 U	4.2 U	15 U	16 U	80 U	25 U	14 U	12 U
4,4'-DDD	3.3	12	4.2 U	91 P	53 P	42 DJP	39 P	14 U	12 U
Endrin Aldehyde	3.3	7.9 U	4.2 U	15 U	16 U	80 U	25 U	14 U	3.9 U
Endosulfan Sulfate	3.3	7.9 U	4.2 U	15 U	16 U	80 U	25 U	14 U	12 U
4,4'-DDT	3.3	7.9 U	4.2 U	170	16 U	80 U	25 U	7.1 JP	9.1 JP
Methoxychlor	17	40 U	22 U	77 U	83 U	410 U	37 JP	70 U	61 U
Endrin Ketone	3.3	7.9 U	4.2 U	15 U	16 U	80 U	25 U	14 U	12 U
alpha-Chlordane	1.7	4.0 U	2.2 U	13 P	8.3 U	41 U	13 U	7.0 U	6.1 U
gamma-Chlordane	1.7	4.0 U	2.2 U	7.7 U	8.3 U	41 U	13 U	7.0 U	6.1 U
Toxaphene	170	400 U	220 U	770 U	830 U	4100 U	1300 U	700 U	610 U
Aroclor-1016	33	79 U	42 U	150 U	160 U	800 U	250 U	140 U	120 U
Aroclor-1221	67	160 U	85 U	300 U	330 U	1600 U	520 U	280 U	240 U
Aroclor-1232	33	79 U	42 U	150 U	160 U	800 U	250 U	140 U	120 U
Aroclor-1242	33	79 U	42 U	150 U	160 U	800 U	250 U	140 U	120 U
Aroclor-1248	33	79 U	42 U	150 U	160 U	800 U	250 U	140 U	120 U
Aroclor-1254	33	79 U	42 U	320 P	89 JP	800 U	250 U	140 U	93 J
Aroclor-1260	33	79 U	42 U	150 U	160 U	800 U	250 U	140 U	120 U
Dilution Factor:		1.00	1.00	3.00	4.00	20.0	3.00	3.00	1.00
Percent Solids:		42	79	66	82	82	39	73	84
Associated Method Blank:		PBLK4167	PBLK3373	PBLK3370	PBLK3370	PBLK3373	PBLK3370	PBLK3370	PBLK4167
Associated Equipment Blank:		GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected J = estimated D = diluted result P = (>25% difference between columns), C (confirmed by GC/MS)
Q = concentration exceeded calibration range; result quantitated from diluted analysis

Table 1
Laboratory Report of Analysis

LOCATION:		BS-107	BS-108
DEPTH:		2	8
ISIS ID:		GPBS10700292XX	GPBS10800892XX
LAB NUMBER:		1731404	1731410
DATE SAMPLED:		06/30/93	06/30/93
DATE EXTRACTED:		07/06/93	07/06/93
DATE ANALYZED:		07/23/93	07/26/93
ANALYTE	SOW-3/90 - II CRQL		
alpha-BHC	1.7	6.3 U	7.1 U
beta-BHC	1.7	6.3 U	7.1 U
delta-BHC	1.7	6.3 U	7.1 U
gamma-BHC (Lindane)	1.7	6.3 U	7.1 U
Heptachlor	1.7	6.3 U	7.1 U
Aldrin	1.7	6.3 U	7.1 U
Heptachlor Epoxide	1.7	6.3 U	7.1 U
Endosulfan I	1.7	6.3 U	7.1 U
Dieldrin	3.3	12 U	14 U
4,4'-DDE	3.3	7.0 J	8.0 JP
Endrin	3.3	12 U	14 U
Endosulfan II	3.3	12 U	14 U
4,4'-DDD	3.3	15 P	37 P
Endrin Aldehyde	3.3	12 U	14 U
Endosulfan Sulfate	3.3	12 U	14 U
4,4'-DDT	3.3	13 P	23 P
Methoxychlor	17	63 U	71 U
Endrin Ketone	3.3	12 U	14 U
alpha-Chlordane	1.7	6.3 U	7.1 U
gamma-Chlordane	1.7	6.3 U	7.1 U
Toxaphene	170	630 U	710 U
Aroclor-1016	33	120 U	140 U
Aroclor-1221	67	250 U	280 U
Aroclor-1232	33	120 U	140 U
Aroclor-1242	33	120 U	140 U
Aroclor-1248	33	120 U	140 U
Aroclor-1254	33	45 JP	41 JP
Aroclor-1260	33	120 U	140 U
Dilution Factor:		3.00	3.00
Percent Solids:		81	72

Associated Method Blank:	PBLK2003	PBLK4167
Associated Equipment Blank:	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:	-	-

Site: SOIL BORING
U = not detected J = estimated D = diluted result P = (>25% difference between columns), C (confirmed by GC/MS)
Q = concentration exceeded calibration range; result quantitated from diluted analysis

Table 2
Validation / Summary Table

LOCATION:		BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
DEPTH:		8	4	8	2	8	6	2	2
ISIS ID:		GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
LAB NUMBER:		1731406	1730908	1730907	1730909	1730906	1730910	1731405	1731404
DATE SAMPLED:		06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
DATE EXTRACTED:		07/06/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/06/93	07/06/93
DATE ANALYZED:		07/25/93	07/16/93	07/16/93	07/16/93	07/16/93	07/16/93	07/25/93	07/23/93
ANALYTE	SOW-3/90 - II CRQL								
alpha-BHC	1.7	4.0 U	2.2 U	7.7 U	160	13 U	7.0 U	6.1 U	6.3 UJ
beta-BHC	1.7	4.0 U	2.2 U	7.7 U	190 D	13 U	4.5 J	6.1 U	6.3 U
delta-BHC	1.7	4.0 U	2.2 U	7.7 U	26	13 U	7.0 U	6.1 U	6.3 U
gamma-BHC (Lindane)	1.7	4.0 U	2.2 U	7.7 U	100	13 U	7.0 U	6.1 U	6.3 U
Heptachlor	1.7	4.0 U	2.2 U	7.7 U	8.3 U	13 U	7.0 U	6.1 U	6.3 U
Aldrin	1.7	4.0 U	2.2 U	7.7 U	8.3 U	13 U	7.0 U	6.1 U	6.3 U
Heptachlor Epoxide	1.7	4.0 U	2.2 U	7.7 U	8.3 U	13 U	7.0 U	6.1 U	6.3 U
Endosulfan I	1.7	4.0 U	2.2 U	7.7 U	8.3 U	13 U	7.0 U	6.1 U	6.3 U
Dieldrin	3.3	7.9 U	4.2 U	15 U	16 U	25 U	14 U	12 U	12 U
4,4'-DDE	3.3	4.3 J	4.2 U	190	16 U	25 U	8.3 J	12 U	7.0 J
Endrin	3.3	7.9 U	4.2 U	15 U	10 J	25 U	14 U	12 U	12 U
Endosulfan II	3.3	7.9 U	4.2 U	15 U	16 U	25 U	14 U	12 U	12 U
4,4'-DDD	3.3	12	4.2 U	91 J	53 J	39 J	14 U	12 U	15 J
Endrin Aldehyde	3.3	7.9 U	4.2 U	15 U	16 U	25 U	14 U	3.9 U	12 U
Endosulfan Sulfate	3.3	7.9 U	4.2 U	15 U	16 U	25 U	14 U	12 U	12 U
4,4'-DDT	3.3	7.9 U	4.2 U	170	16 U	25 U	7.1 J	9.1 J	13 J
Methoxychlor	17	40 U	22 U	77 U	83 U	37 J	70 U	61 U	63 U
Endrin Ketone	3.3	7.9 U	4.2 U	15 U	16 U	25 U	14 U	12 U	12 U
alpha-Chlordane	1.7	4.0 U	2.2 U	13 J	8.3 U	13 U	7.0 U	6.1 U	6.3 U
gamma-Chlordane	1.7	4.0 U	2.2 U	7.7 U	8.3 U	13 U	7.0 U	6.1 U	6.3 U
Toxaphene	170	400 U	220 U	770 U	830 U	1300 U	700 U	610 U	630 U
Aroclor-1016	33	79 U	42 U	150 U	160 U	250 U	140 U	120 U	120 U
Aroclor-1221	67	160 U	85 U	300 U	330 U	520 U	280 U	240 U	250 U
Aroclor-1232	33	79 U	42 U	150 U	160 U	250 U	140 U	120 U	120 U
Aroclor-1242	33	79 U	42 U	150 U	160 U	250 U	140 U	120 U	120 U
Aroclor-1248	33	79 U	42 U	150 U	160 U	250 U	140 U	120 U	120 U
Aroclor-1254	33	79 U	42 U	320 J	89 J	250 U	140 U	93 J	45 J
Aroclor-1260	33	79 U	42 U	150 U	160 U	250 U	140 U	120 U	120 U
Dilution Factor:		1.00	1.00	3.00	4.00	3.00	3.00	1.00	3.00
Percent Solids:		42	79	66	82	39	73	84	81
Associated Method Blank:		PBLK4167	PBLK3373	PBLK3370	PBLK3370	PBLK3370	PBLK3370	PBLK4167	PBLK2003
Associated Equipment Blank:		GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected J = estimated D = diluted result P = (>25% difference between columns), C (confirmed by GC/MS)
Q = concentration exceeded calibration range; result quantitated from diluted analysis

Table 2
Validation / Summary Table

LOCATION:	BS-108
DEPTH:	8
ISIS ID:	GPBS10800892XX
LAB NUMBER:	1731410
DATE SAMPLED:	06/30/93
DATE EXTRACTED:	07/06/93
DATE ANALYZED:	07/26/93

ANALYTE	SOW-3/90 - II CRQL		
alpha-BHC	1.7	7.1	U
beta-BHC	1.7	7.1	U
delta-BHC	1.7	7.1	U
gamma-BHC (Lindane)	1.7	7.1	U
Heptachlor	1.7	7.1	U
Aldrin	1.7	7.1	U
Heptachlor Epoxide	1.7	7.1	U
Endosulfan I	1.7	7.1	U
Dieldrin	3.3	14	U
4,4'-DDE	3.3	8.0	J
Endrin	3.3	14	U
Endosulfan II	3.3	14	U
4,4'-DDD	3.3	37	J
Endrin Aldehyde	3.3	14	U
Endosulfan Sulfate	3.3	14	U
4,4'-DDT	3.3	23	J
Methoxychlor	17	71	U
Endrin Ketone	3.3	14	U
alpha-Chlordane	1.7	7.1	U
gamma-Chlordane	1.7	7.1	U
Toxaphene	170	710	U
Aroclor-1016	33	140	U
Aroclor-1221	67	280	U
Aroclor-1232	33	140	U
Aroclor-1242	33	140	U
Aroclor-1248	33	140	U
Aroclor-1254	33	41	J
Aroclor-1260	33	140	U
Dilution Factor:		3.00	
Percent Solids:		72	

Associated Method Blank:	PBLK4167
Associated Equipment Blank:	GPQS00100092XX
Associated Field Blank:	-

Site: SOIL BORING
U = not detected J = estimated D = diluted result P = (>25% difference between columns), C (confirmed by GC/MS)
Q = concentration exceeded calibration range; result quantitated from diluted analysis

Table 3
Summary Table

LOCATION:	BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
DEPTH:	8	4	8	2	8	6	2	2
ISIS ID:	GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
LAB NUMBER:	1731406	1730908	1730907	1730909	1730906	1730910	1731405	1731404
DATE SAMPLED:	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
DATE EXTRACTED:	07/06/93	07/02/93	07/02/93	07/02/93	07/02/93	07/02/93	07/06/93	07/06/93
DATE ANALYZED:	07/25/93	07/16/93	07/16/93	07/16/93	07/16/93	07/16/93	07/25/93	07/23/93
ANALYTE SOW-3/90 - II CRQL								
alpha-BHC 1.7	-	-	-	160	-	-	-	-
beta-BHC 1.7	-	-	-	190 D	-	4.5 J	-	-
delta-BHC 1.7	-	-	-	26	-	-	-	-
gamma-BHC (Lindane) 1.7	-	-	-	100	-	-	-	-
Heptachlor 1.7	-	-	-	-	-	-	-	-
Aldrin 1.7	-	-	-	-	-	-	-	-
Heptachlor Epoxide 1.7	-	-	-	-	-	-	-	-
Endosulfan I 1.7	-	-	-	-	-	-	-	-
Dieldrin 3.3	-	-	-	-	-	-	-	-
4,4'-DDE 3.3	4.3 J	-	190	-	-	8.3 J	-	7.0 J
Endrin 3.3	-	-	-	10 J	-	-	-	-
Endosulfan II 3.3	-	-	-	-	-	-	-	-
4,4'-DDD 3.3	12	-	91 J	53 J	39 J	-	-	15 J
Endrin Aldehyde 3.3	-	-	-	-	-	-	-	-
Endosulfan Sulfate 3.3	-	-	-	-	-	-	-	-
4,4'-DDT 3.3	-	-	170	-	-	7.1 J	9.1 J	13 J
Methoxychlor 17	-	-	-	-	37 J	-	-	-
Endrin Ketone 3.3	-	-	-	-	-	-	-	-
alpha-Chlordane 1.7	-	-	13 J	-	-	-	-	-
gamma-Chlordane 1.7	-	-	-	-	-	-	-	-
Toxaphene 170	-	-	-	-	-	-	-	-
Aroclor-1016 33	-	-	-	-	-	-	-	-
Aroclor-1221 67	-	-	-	-	-	-	-	-
Aroclor-1232 33	-	-	-	-	-	-	-	-
Aroclor-1242 33	-	-	-	-	-	-	-	-
Aroclor-1248 33	-	-	-	-	-	-	-	-
Aroclor-1254 33	-	-	320 J	89 J	-	-	93 J	45 J
Aroclor-1260 33	-	-	-	-	-	-	-	-
Dilution Factor:	1.00	1.00	3.00	4.00	3.00	3.00	1.00	3.00
Percent Solids:	42	79	66	82	39	73	84	81
Associated Method Blank:	PBLK4167	PBLK3373	PBLK3370	PBLK3370	PBLK3370	PBLK3370	PBLK4167	PBLK2003
Associated Equipment Blank:	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected J = estimated D = diluted result P = (>25% difference between columns), C (confirmed by GC/MS)
Q = concentration exceeded calibration range; result quantitated from diluted analysis

Table 3
Summary Table

LOCATION:	BS-108
DEPTH:	8
ISIS ID:	GPBS10800892XX
LAB NUMBER:	1731410
DATE SAMPLED:	06/30/93
DATE EXTRACTED:	07/06/93
DATE ANALYZED:	07/26/93

ANALYTE	SOW-3/90 - II CRQL		
alpha-BHC	1.7	-	
beta-BHC	1.7	-	
delta-BHC	1.7	-	
gamma-BHC (Lindane)	1.7	-	
Heptachlor	1.7	-	
Aldrin	1.7	-	
Heptachlor Epoxide	1.7	-	
Endosulfan I	1.7	-	
Dieldrin	3.3	-	
4,4'-DDE	3.3	8.0	J
Endrin	3.3	-	
Endosulfan II	3.3	-	
4,4'-DDD	3.3	37	J
Endrin Aldehyde	3.3	-	
Endosulfan Sulfate	3.3	-	
4,4'-DDT	3.3	23	J
Methoxychlor	17	-	
Endrin Ketone	3.3	-	
alpha-Chlordane	1.7	-	
gamma-Chlordane	1.7	-	
Toxaphene	170	-	
Aroclor-1016	33	-	
Aroclor-1221	67	-	
Aroclor-1232	33	-	
Aroclor-1242	33	-	
Aroclor-1248	33	-	
Aroclor-1254	33	41	J
Aroclor-1260	33	-	
Dilution Factor:		3.00	
Percent Solids:		72	

Associated Method Blank:	PBLK4167
Associated Equipment Blank:	GPQS00100092XX
Associated Field Blank:	-

Site: SOIL BORING
U = not detected J = estimated D = diluted result P = (>25% difference between columns), C (confirmed by GC/MS)
Q = concentration exceeded calibration range; result quantitated from diluted analysis

Table 1
Laboratory Report of Analysis

LOCATION: QS-1
ISIS ID: GPQS00100092XX
LAB NUMBER: 1731413
DATE SAMPLED: 06/30/93
DATE EXTRACTED: 07/05/93
DATE ANALYZED: 07/10/93

ANALYTE	SOW-3/90 - II CRQL		
alpha-BHC	0.005	0.05	U
beta-BHC	0.005	0.05	U
delta-BHC	0.005	0.05	U
gamma-BHC (Lindane)	0.005	0.05	U
Heptachlor	0.005	0.05	U
Aldrin	0.005	0.05	U
Heptachlor Epoxide	0.005	0.05	U
Endosulfan I	0.005	0.05	U
Dieldrin	0.01	0.1	U
4,4'-DDE	0.01	0.1	U
Endrin	0.01	0.1	U
Endosulfan II	0.01	0.1	U
4,4'-DDD	0.01	0.1	U
Endrin Aldehyde	0.01	0.01	U
Endosulfan Sulfate	0.01	0.1	U
4,4'-DDT	0.01	0.1	U
Methoxychlor	0.05	0.5	U
Endrin Ketone	0.01	0.1	U
alpha-Chlordane	0.005	0.05	U
gamma-Chlordane	0.005	0.05	U
Toxaphene	0.5	5.0	U
Aroclor-1016	0.1	1.0	U
Aroclor-1221	0.2	2.0	U
Aroclor-1232	0.1	1.0	U
Aroclor-1242	0.1	1.0	U
Aroclor-1248	0.1	1.0	U
Aroclor-1254	0.1	1.0	U
Aroclor-1260	0.1	1.0	U
Dilution Factor:		1.00	

Associated Method Blank: F5948
Associated Equipment Blank: -
Associated Field Blank: -

Site: EQUIPMENT RINSATE
U = not detected J = estimated D = diluted result P = (>25% difference between columns), C (confirmed by GC/MS)
Q = concentration exceeded calibration range; result quantitated from diluted analysis

Table 1
Laboratory Report of Analysis

LOCATION: QS-1
ISIS ID: GPQS00100092XX
LAB NUMBER: 731413
DATE SAMPLED: 06/30/93

ANALYTE	SOW-3/90 - II CRDL		
Aluminum	200	51.5	U
Antimony	60	33.5	B
Arsenic	10	5.0	U
Barium	200	31.2	U
Beryllium	5	1.0	U
Cadmium	5	4.1	U
Calcium	5000	786	U
Chromium	10	7.0	U
Cobalt	50	9.4	U
Copper	25	12.1	U
Iron	100	16.7	U
Lead	3	3.0	U
Magnesium	5000	1120	U
Manganese	15	2.2	U
Mercury	0.2	0.20	U
Nickel	40	22.4	U
Potassium	5000	2530	U
Selenium	5	5.0	U
Silver	10	5.8	U
Sodium	5000	1280	U
Thallium	10	5.0	U
Vanadium	50	10.2	U
Zinc	20	7.8	U
Cyanide	10	10.0	U

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

Site: EQUIPMENT RINSATE
U = not detected N = spike recovery not met * = duplicate analysis not met J = estimated B = less than CRDL E = interference
W = post digestion spike not met S = method of standard additions

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Table 1
Laboratory Report of Analysis

LOCATION:	BS-101		BS-102		BS-103		BS-104		BS-105		BS-106		BS-107 DUP		BS-107	
DEPTH:	8		4		8		2		8		6		2		2	
ISIS ID:	GPBS10100892XX		GPBS10200492XX		GPBS10300892XX		GPBS10400292XX		GPBS10500892XX		GPBS10600692XX		GPBS10700292XD		GPBS10700292XX	
LAB NUMBER:	731406		730908		730907		730909		730906		730910		731405		731404	
DATE SAMPLED:	06/30/93		06/29/93		06/29/93		06/29/93		06/29/93		06/29/93		06/30/93		06/30/93	
ANALYTE SOW-3/90 - II CRDL																
Aluminum 40	16900		5170		7340		13800		14500		5410		6370		9660	
Antimony 12	14.3	U	7.4	U	9.0	U	7.4	U	15.9	U	8.3	U	73.4		105	
Arsenic 2	11.3	SN*	8.6	N*	19.0	SN*	11.2	SN*	48.8	SN*	8.8	N*	16.6	SN*	20.2	SN*
Barium 40	97.9	N*	194	N*	230	N*	697	N*	1400	N*	565	N*	347	N*	678	N*
Beryllium 1	0.80	B	0.40	B	0.64	B	0.49	B	1.1	B	0.28	U	0.40	B	0.85	B
Cadmium 1	4.1		1.0	U	1.4	B	3.0		2.2	U	1.1	U	1.1	B	17.3	
Calcium 1000	6830		66000		18100		42300		88000		32600		10800		13700	
Chromium 2	43.1	*	26.5	*	52.4	*	69.1	*	75.2	*	28.2	*	53.2	*	96.6	*
Cobalt 10	12.4	B	14.8		12.5	B	17.5		29.3		12.8	B	15.4		24.2	
Copper 5	67.0	EN*	51.7	EN*	261	EN*	511	EN*	870	EN*	85.2	EN*	276	EN*	818	EN*
Iron 20	31100	E*	23300	E*	69800	E*	58200	E*	95200	E*	45700	E*	66600	E*	78000	E*
Lead 0.6	121	*	443		2050		1010		2540		383		2300		2170	
Magnesium 1000	6520		5780		5080		5400		22200		5920		2540		2570	
Manganese 3	234		667		445		636		1470		330		383		457	
Mercury 0.04	0.60	N	7.1	N	4.0	N	0.99	N	2.1	N	0.63	N	1.0	N	3.6	N
Nickel 8	51.3		20.1		36.9		64.6		90.0		32.7		51.7		77.6	
Potassium 1000	2220	B	871	B	761	U	1830		3400		697	U	642	B	1330	
Selenium 1	2.1	UWN	1.2	UWN	1.5	UN	1.2	UWN	10.7	SN	1.4	UWN	1.2	UWN	1.2	UWN
Silver 2	2.8	UN	1.4	UN	1.7	UN	2.2	BN	9.8	N	1.6	UN	1.4	UN	8.2	N
Sodium 1000	611	U	316	U	417	B	1640		1380	B	354	U	425	B	594	B
Thallium 2	2.1	U	1.2	U	1.5	U	1.2	U	2.3	U	1.4	U	1.2	U	1.2	U
Vanadium 10	36.3		19.2		8.8	B	29.4		36.9		22.4		27.8		35.8	
Zinc 4	254	*	443	*	539	*	2170	*	2270	*	560	*	1650	*	17600	*
Cyanide 2	0.93	U	0.54	U	0.49	U	0.55	U	0.94	U	0.56	U	0.58	U	0.58	U
Percent Solids:	42		79		66		82		38		73		84		81	
Associated Method Blank:	PBS314		PBS309		PBS309		PBS309		PBS309		PBS309		PBS314		PBS314	
Associated Equipment Blank:	GPQS00100092XX		GPQS00100092XX		GPQS00100092XX		GPQS00100092XX		GPQS00100092XX		GPQS00100092XX		GPQS00100092XX		GPQS00100092XX	
Associated Field Blank:	-		-		-		-		-		-		-		-	

Site: SOIL BORING
U = not detected N = spike recovery not met * = duplicate analysis not met J = estimated B = less than CRDL E = interference
W = post digestion spike not met S = method of standard additions

Table 1
Laboratory Report of Analysis

LOCATION: BS-108
DEPTH: 8
ISIS ID: GPBS10800892XX
LAB NUMBER: 731410
DATE SAMPLED: 06/30/93

ANALYTE	SOW-3/90 - II CRDL		
Aluminum	40	5640	
Antimony	12	8.4	U
Arsenic	2	10.0	N*
Barium	40	519	N*
Beryllium	1	0.28	U
Cadmium	1	4.1	
Calcium	1000	9070	
Chromium	2	56.1	*
Cobalt	10	13.7	B
Copper	5	174	EN*
Iron	20	47900	E*
Lead	0.6	240	*
Magnesium	1000	1870	
Manganese	3	345	
Mercury	0.04	0.78	N
Nickel	8	30.1	
Potassium	1000	802	B
Selenium	1	1.6	N
Silver	2	1.7	BN
Sodium	1000	360	U
Thallium	2	1.2	U
Vanadium	10	16.8	
Zinc	4	1130	*
Cyanide	2	0.74	U
Percent Solids:		72	

Associated Method Blank: PBS314
Associated Equipment Blank: GPQS00100092XX
Associated Field Blank: -

Site: SOIL BORING
U = not detected N = spike recovery not met * = duplicate analysis not met J = estimated B = less than CRDL E = interference
W = post digestion spike not met S = method of standard additions

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Table 2
Validation / Summary Table

LOCATION:	BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
DEPTH:	8	4	8	2	8	6	2	2
ISIS ID:	GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
LAB NUMBER:	731406	730908	730907	730909	730906	730910	731405	731404
DATE SAMPLED:	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93

ANALYTE	SOW-3/90 - II CRDL																			
Aluminum	40	16900		5170		7340		13800		14500		5410		6370		9660	
Antimony	12	14.3	UJ	7.4	U	9.0	U	7.4	U	15.9	U	8.3	U	73.4		105	
Arsenic	2	11.3	J	8.6	J	19.0	J	11.2	J	48.8	J	8.8	J	16.6	J	20.2	J
Barium	40	97.9	J	194	J	230	J	697	J	1400	J	565	J	347	J	678	J
Beryllium	1	0.80	J	0.40	J	0.64	J	0.49	J	1.1	J	0.28	U	0.40	J	0.85	J
Cadmium	1	4.1	J	1.0	U	1.4	J	3.0		2.2	U	1.1	U	1.1	J	17.3	J
Calcium	1000	6830		66000		18100		42300		88000		32600		10800		13700	
Chromium	2	43.1	J	26.5	J	52.4	J	69.1	J	75.2	J	28.2	J	53.2	J	96.6	J
Cobalt	10	12.4	J	14.8		12.5	J	17.5		29.3		12.8	J	15.4		24.2	
Copper	5	67.0	J	51.7	J	261	J	511	J	870	J	85.2	J	276	J	818	J
Iron	20	31100	J	23300	J	69800	J	58200	J	95200	J	45700	J	66600	J	78000	J
Lead	0.6	121		443	J	2050	J	1010	J	2540	J	383	J	2300	J	2170	J
Magnesium	1000	6520		5780		5080		5400		22200		5920		2540		2570	
Manganese	3	234		667		445		636		1470		330		383		457	
Mercury	0.04	0.60	J	7.1	J	4.0	J	0.99	J	2.1	J	0.63	J	1.0	J	3.6	J
Nickel	8	51.3		20.1	J	36.9	J	64.6		90.0	J	32.7		51.7		77.6	
Potassium	1000	2220	J	871	J	761	U	1830		3400		697	U	642	J	1330	
Selenium	1	2.1	UJ	1.2	UJ	1.5	UJ	1.2	UJ	10.7	J	1.4	UJ	1.2	UJ	1.2	UJ
Silver	2	2.8	UJ	1.4	UJ	1.7	UJ	2.2	J	9.8	J	1.6	UJ	1.4	UJ	8.2	J
Sodium	1000	611	U	316	U	417	J	1640		1380	J	354	U	425	J	594	J
Thallium	2	2.1	U	1.2	U	1.5	U	1.2	U	2.3	U	1.4	U	1.2	U	1.2	U
Vanadium	10	36.3		19.2		8.8	J	29.4		36.9		22.4		27.8		35.8	
Zinc	4	254	J	443		539		2170		2270		560		1650	J	17600	J
Cyanide	2	0.93	UJ	0.54	U	0.49	U	0.55	U	0.94	U	0.56	U	0.58	UJ	0.58	UJ
Percent Solids:		42		79		66		82		38		73		84		81	

Associated Method Blank:	PBS314	PBS309	PBS309	PBS309	PBS309	PBS309	PBS314	PBS314
Associated Equipment Blank:	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected N = spike recovery not met * = duplicate analysis not met J = estimated B = less than CRDL E = interference
W = post digestion spike not met S = method of standard additions

Table 2
Validation / Summary Table

LOCATION: BS-108
DEPTH: 8
ISIS ID: GPBS10800892XX
LAB NUMBER: 731410
DATE SAMPLED: 06/30/93

ANALYTE	SOW-3/90 - II CRDL		
Aluminum	40	5640	
Antimony	12	8.4	UJ
Arsenic	2	10.0	J
Barium	40	519	J
Beryllium	1	0.28	U
Cadmium	1	4.1	J
Calcium	1000	9070	
Chromium	2	56.1	J
Cobalt	10	13.7	J
Copper	5	174	J
Iron	20	47900	J
Lead	0.6	240	
Magnesium	1000	1870	
Manganese	3	345	
Mercury	0.04	0.78	J
Nickel	8	30.1	
Potassium	1000	802	J
Selenium	1	1.6	J
Silver	2	1.7	J
Sodium	1000	360	U
Thallium	2	1.2	U
Vanadium	10	16.8	
Zinc	4	1130	J
Cyanide	2	0.74	UJ
Percent Solids:		72	

Associated Method Blank: PBS314
Associated Equipment Blank: GPQS00100092XX
Associated Field Blank: -

Site: SOIL BORING
U = not detected N = spike recovery not met * = duplicate analysis not met J = estimated B = less than CRDL E = interference
W = post digestion spike not met S = method of standard additions

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PROJECT: NYSDEC PSA-4 Griffon Park

Inorganic Soil Analysis (mg/kg)

08/26/93

Table 3
Summary Table

		LOCATION:	BS-101	BS-102	BS-103	BS-104	BS-105	BS-106	BS-107 DUP	BS-107
		DEPTH:	8	4	8	2	8	6	2	2
		ISIS ID:	GPBS10100892XX	GPBS10200492XX	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
		LAB NUMBER:	731406	730908	730907	730909	730906	730910	731405	731404
		DATE SAMPLED:	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
ANALYTE	SOW-3/90 - II	CRDL								
Aluminum		40	16900	5170	7340	13800	14500	5410	6370	9660
Antimony		12	-	-	-	-	-	-	73.4	105
Arsenic		2	11.3 J	8.6 J	19.0 J	11.2 J	48.8 J	8.8 J	16.6 J	20.2 J
Barium		40	97.9 J	194 J	230 J	697 J	1400 J	565 J	347 J	678 J
Beryllium		1	0.80 J	0.40 J	0.64 J	0.49 J	1.1 J	-	0.40 J	0.85 J
Cadmium		1	4.1 J	-	1.4 J	3.0	-	-	1.1 J	17.3 J
Calcium		1000	6830	66000	18100	42300	88000	32600	10800	13700
Chromium		2	43.1 J	26.5 J	52.4 J	69.1 J	75.2 J	28.2 J	53.2 J	96.6 J
Cobalt		10	12.4 J	14.8	12.5 J	17.5	29.3	12.8 J	15.4	24.2
Copper		5	67.0 J	51.7 J	261 J	511 J	870 J	85.2 J	276 J	818 J
Iron		20	31100 J	23300 J	69800 J	58200 J	95200 J	45700 J	66600 J	78000 J
Lead		0.6	121	443 J	2050 J	1010 J	2540 J	383 J	2300 J	2170 J
Magnesium		1000	6520	5780	5080	5400	22200	5920	2540	2570
Manganese		3	234	667	445	636	1470	330	383	457
Mercury		0.04	0.60 J	7.1 J	4.0 J	0.99 J	2.1 J	0.63 J	1.0 J	3.6 J
Nickel		8	51.3	20.1 J	36.9 J	64.6	90.0 J	32.7	51.7	77.6
Potassium		1000	2220 J	871 J	-	1830	3400	-	642 J	1330
Selenium		1	-	-	-	-	10.7 J	-	-	-
Silver		2	-	-	-	2.2 J	9.8 J	-	-	8.2 J
Sodium		1000	-	-	417 J	1640	1380 J	-	425 J	594 J
Thallium		2	-	-	-	-	-	-	-	-
Vanadium		10	36.3	19.2	8.8 J	29.4	36.9	22.4	27.8	35.8
Zinc		4	254 J	443	539	2170	2270	560	1650 J	17600 J
Cyanide		2	-	-	-	-	-	-	-	-
		Percent Solids:	42	79	66	82	38	73	84	81
		Associated Method Blank:	PBS314	PBS309	PBS309	PBS309	PBS309	PBS309	PBS314	PBS314
		Associated Equipment Blank:	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX	GPQS00100092XX
		Associated Field Blank:	-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected N = spike recovery not met * = duplicate analysis not met J = estimated B = less than CRDL E = interference
W = post digestion spike not met S = method of standard additions

Table 3
Summary Table

LOCATION:	BS-108
DEPTH:	8
ISIS ID:	GPBS10800892XX
LAB NUMBER:	731410
DATE SAMPLED:	06/30/93

ANALYTE	SOW-3/90 - II CRDL		
Aluminum	40	5640	
Antimony	12	-	
Arsenic	2	10.0	J
Barium	40	519	J
Beryllium	1	-	
Cadmium	1	4.1	J
Calcium	1000	9070	
Chromium	2	56.1	J
Cobalt	10	13.7	J
Copper	5	174	J
Iron	20	47900	J
Lead	0.6	240	
Magnesium	1000	1870	
Manganese	3	345	
Mercury	0.04	0.78	J
Nickel	8	30.1	
Potassium	1000	802	J
Selenium	1	1.6	J
Silver	2	1.7	J
Sodium	1000	-	
Thallium	2	-	
Vanadium	10	16.8	
Zinc	4	1130	J
Cyanide	2	-	
Percent Solids:		72	

Associated Method Blank:	PBS314
Associated Equipment Blank:	GPQS00100092XX
Associated Field Blank:	-

Site: SOIL BORING
U = not detected N = spike recovery not met * = duplicate analysis not met J = estimated B = less than CRDL E = interference
W = post digestion spike not met S = method of standard additions

Table 1
Laboratory Report of Analysis

	LOCATION:	BS-101	BS-101	BS-102	BS-102	BS-103	BS-103	BS-104
	DEPTH:	2	8	2	4	8	10	2
	ISIS ID:	GPBS10100292XX	GPBS10100892XX	GPBS10200292XX	GPBS10200492XX	GPBS10300892XX	GPBS10301092XX	GPBS10400292XX
	LAB NUMBER:	T731402	T731406	T730903	T730908	T730907	T730902	T730909
	DATE SAMPLED:	06/30/93	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
ANALYTE	RL							
Arsenic	113	113 U	113 U	113 U	113 U	335	178	113 U
Barium	31.2	932	878	2580	774	1760	1470	2260
Cadmium	4.1	4 U*	17.5 *	10.8 *	19.3 *	4.1 U*	4.1 U*	37.5 *
Chromium	7.0	7 U	7 U	7 U	7 U	14.6	7 U	7 U
Lead	45.2	45 U	337	34600	2880	3920	1160	1020
Mercury	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Selenium	120	120 U	120 U	120 U	120 U	120 U	120 U	120 U
Silver	5.8	6 U	6 U	5.8 U	5.8 U	6.6 B	5.8 U	5.8 U
Associated Method Blank:		PBW314	PBW314	PBW309	PBW309	PBW309	PBW309	PBW309
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SOIL BORING
Note: EPTOX Analysis
U = not detected J = estimated * = duplicate analysis not met

Table 1
Laboratory Report of Analysis

	LOCATION:	BS-104	BS-105	BS-105	BS-106	BS-106	BS-107	BS-107
	DEPTH:	8	2	8	4	6	2	2
	ISIS ID:	GPBS10400892XX	GPBS10500292XX	GPBS10500892XX	GPBS10600492XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
	LAB NUMBER:	T730904	T730901	T730906	T730905	T730910	T731405	T731404
	DATE SAMPLED:	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/30/93	06/30/93
ANALYTE	RL							
Arsenic	113	113 U	113 U	113 U	113 U	113 U	113 U	113 U
Barium	31.2	801	2720	2060	360	415	1660	1640
Cadmium	4.1	5.1 *	18.8 *	25 *	30 *	18.3 *	21.7 *	21.2 *
Chromium	7.0	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Lead	45.2	79.4	2470	1040	898	658	552	701
Mercury	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Selenium	120	120 U	120 U	120 U	120 U	120 U	120 U	120 U
Silver	5.8	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	6 U	6 U
Associated Method Blank:		PBW309	PBW309	PBW309	PBW309	PBW309	PBW314	PBW314
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SOIL BORING
Note: EPTOX Analysis
U = not detected J = estimated * = duplicate analysis not met

Table 1
Laboratory Report of Analysis

	LOCATION:	BS-107	BS-108	BS-108
	DEPTH:	6	0	8
	ISIS ID:	GPBS10700692XX	GPBS10800092XX	GPBS10800892XX
	LAB NUMBER:	T731401	T7314703	T731410
	DATE SAMPLED:	06/30/93	06/30/93	06/30/93
ANALYTE	RL			
Arsenic	113	113 U	113 U	113 U
Barium	31.2	1090	1550	1180
Cadmium	4.1	4 U*	106 *	33 *
Chromium	7.0	7 U	7 U	11.5
Lead	45.2	3410	206	1060
Mercury	0.2	0.2 U	0.2 U	0.2 U
Selenium	120	120 U	120 U	120 U
Silver	5.8	6 U	6 U	6 U
Associated Method Blank:		PBW314	PBW314	PBW314
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: SOIL BORING
Note: EPTOX Analysis
U = not detected J = estimated * = duplicate analysis not met

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Table 2
Validation / Summary Table

	LOCATION:	BS-101	BS-101	BS-102	BS-102	BS-103	BS-103	BS-104
	DEPTH:	2	8	2	4	8	10	2
	ISIS ID:	GPBS10100292XX	GPBS10100892XX	GPBS10200292XX	GPBS10200492XX	GPBS10300892XX	GPBS10301092XX	GPBS10400292XX
	LAB NUMBER:	T731402	T731406	T730903	T730908	T730907	T730902	T730909
	DATE SAMPLED:	06/30/93	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
ANALYTE	RL							
Arsenic	113	113 U	113 U	113 U	113 U	335 U	178 U	113 U
Barium	31.2	932	878	2580	774	1760	1470	2260
Cadmium	4.1	4 U	17.5 *	10.8 J	19.3 J	4.1 UJ	4.1 UJ	37.5 J
Chromium	7.0	7 U	7 U	7 U	7 U	14.6	7 U	7 U
Lead	45.2	45 U	337	34600 U	2880	3920	1160	1020
Mercury	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Selenium	120	120 U	120 U	120 U	120 U	120 U	120 U	120 U
Silver	5.8	6 UJ	6 UJ	5.8 U	5.8 U	6.6 J	5.8 U	5.8 U
Associated Method Blank:		PBW314	PBW314	PBW309	PBW309	PBW309	PBW309	PBW309
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SOIL BORING
Note: EPTOX Analysis
U = not detected J = estimated * = duplicate analysis not met

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Table 2
Validation / Summary Table

	LOCATION:	BS-104	BS-105	BS-105	BS-106	BS-106	BS-107	BS-107
	DEPTH:	8	2	8	4	6	2	2
	ISIS ID:	GPBS10400892XX	GPBS10500292XX	GPBS10500892XX	GPBS10600492XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
	LAB NUMBER:	T730904	T730901	T730906	T730905	T730910	T731405	T731404
	DATE SAMPLED:	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
ANALYTE	RL							
Arsenic	113	113 U	113 U	113 U	113 U	113 U	113 U	113 U
Barium	31.2	801	2720	2060	360	415	1660	1640
Cadmium	4.1	5.1 J	18.8 J	25 J	30 J	18.3 J	21.7	21.2
Chromium	7.0	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Lead	45.2	79.4	2470	1040	898	658	552	701
Mercury	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Selenium	120	120 U	120 U	120 U	120 U	120 U	120 U	120 U
Silver	5.8	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	6 UJ	6 UJ
Associated Method Blank:		PBW309	PBW309	PBW309	PBW309	PBW309	PBW309	PBW309
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SOIL BORING
Note: EPTOX Analysis
U = not detected J = estimated * = duplicate analysis not met

Table 2
Validation / Summary Table

	LOCATION:	BS-107	BS-108	BS-108
	DEPTH:	6	0	8
	ISIS ID:	GPBS10700692XX	GPBS10800092XX	GPBS10800892XX
	LAB NUMBER:	T731401	T7314703	T731410
	DATE SAMPLED:	06/30/93	06/30/93	06/30/93
ANALYTE	RL			
Arsenic	113	113 U	113 U	113 U
Barium	31.2	1090	1550	1180
Cadmium	4.1	4 U	106	33
Chromium	7.0	7 U	7 U	11.5
Lead	45.2	3410	206	1060
Mercury	0.2	0.2 U	0.2 U	0.2 U
Selenium	120	120 U	120 U	120 U
Silver	5.8	6 UJ	6 UJ	6 U
Associated Method Blank:		PBW314	PBW314	PBW314
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: SOIL BORING
Note: EPTOX Analysis
U = not detected J = estimated * = duplicate analysis not met

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Table 3
Summary Table

	LOCATION:	BS-101	BS-101	BS-102	BS-102	BS-103	BS-103	BS-104
	DEPTH:	2	8	2	4	8	10	2
	ISIS ID:	GPBS10100292XX	GPBS10100892XX	GPBS10200292XX	GPBS10200492XX	GPBS10300892XX	GPBS10301092XX	GPBS10400292XX
	LAB NUMBER:	T731402	T731406	T730903	T730908	T730907	T730902	T730909
	DATE SAMPLED:	06/30/93	06/30/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
ANALYTE	RL							
Arsenic	113	-	-	-	-	-	-	-
Barium	31.2	932	878	2580	774	1760	1470	2260
Cadmium	4.1	-	17.5 J	10.8 J	19.3 J	-	-	37.5
Chromium	7.0	-	-	-	-	14.6	-	-
Lead	45.2	-	337	34600	2880	3920	1160	1020
Mercury	0.2	-	-	-	-	-	-	-
Selenium	120	-	-	-	-	-	-	-
Silver	5.8	-	-	-	-	6.6 J	-	-
Associated Method Blank:		PBW314	PBW314	PBW309	PBW309	PBW309	PBW309	PBW309
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SOIL BORING
Note: EPTOX Analysis
- = Not Detected J = estimated * = duplicate analysis not met

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Table 3
Summary Table

	LOCATION:	BS-104	BS-105	BS-105	BS-106	BS-106	BS-107	BS-107
	DEPTH:	8	2	8	4	6	2	2
	ISIS ID:	GPBS10400892XX	GPBS10500292XX	GPBS10500892XX	GPBS10600492XX	GPBS10600692XX	GPBS10700292XD	GPBS10700292XX
	LAB NUMBER:	T730904	T730901	T730906	T730905	T730910	T731405	T731404
	DATE SAMPLED:	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
ANALYTE	RL							
Arsenic	113	-	-	-	-	-	-	-
Barium	31.2	801	2720	2060	360	415	1660	1640
Cadmium	4.1	5.1 J	18.8 J	25 J	30 J	18.3 J	21.7	21.2
Chromium	7.0	-	-	-	-	-	-	-
Lead	45.2	79.4	2470	1040	898	658	552	701
Mercury	0.2	-	-	-	-	-	-	-
Selenium	120	-	-	-	-	-	-	-
Silver	5.8	-	-	-	-	-	-	-
Associated Method Blank:		PBW309	PBW309	PBW309	PBW309	PBW309	PBW309	PBW309
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-

Site: SOIL BORING
Note: EPTOX Analysis
- = Not Detected J = estimated * = duplicate analysis not met

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Table 3
Summary Table

	LOCATION:	BS-107	BS-108	BS-108
	DEPTH:	6	0	8
	ISIS ID:	GPBS10700692XX	GPBS10800092XX	GPBS10800892XX
	LAB NUMBER:	T731401	T7314703	T731410
	DATE SAMPLED:	06/30/93	06/30/93	06/30/93
ANALYTE	RL			
Arsenic	113	-	-	-
Barium	31.2	1090	1550	1180
Cadmium	4.1	-	106	33
Chromium	7.0	-	7	11.5
Lead	45.2	3410	206	1060
Mercury	0.2	-	0.2	-
Selenium	120	-	120	-
Silver	5.8	-	6	-
Associated Method Blank:		PBW314	PBW314	PBW314
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

Site: SOIL BORING
Note: EPTOX Analysis
- = Not Detected J = estimated * = duplicate analysis not met

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Table 1
Laboratory Report of Analysis

LOCATION:		BS-102	BS-102	BS-103	BS-103	BS-104	BS-104	BS-105	BS-105
DEPTH:		2	4	8	10	2	8	2	8
ISIS ID:		GPBS10200292	GPBS10200492XX	GPBS10300892XX	GPBS10301092XX	GPBS10400292XX	GPBS10400892XX	GPBS10500292	GPBS10500892XX
LAB NUMBER:		1730903	1730908	1730907	1730902	1730909	1730904	1730901	1730906
DATE SAMPLED:		06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
ANALYTE	RL								
Ignitability (degree F)		>212	>212	>212	>212	>212	>212	>212	>212
Corrosivity (pH units)		7.85	7.66	7.49	7.53	7.97	7.23	7.64	7.76
Reactivity - Cyanide (mg/kg)	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Reactivity - Sulfide (mg/kg)	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Associated Method Blank:		PB17309	PB17309	PB17309	PB17309	PB17309	PB17309	PB17309	PB17309
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected

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Table 1
Laboratory Report of Analysis

LOCATION:		BS-106	BS-106	BS-101	BS-101	BS-107	BS-107	BS-107	BS-108
DEPTH:		4	6	2	8	2	2	6	0
ISIS ID:		GPBS10600492XX	GPBS10600692XX	GPBS10100292XX	GPBS10100892XX	GPBS10700292XD	GPBS10700292XX	GPBS10700692XX	GPBS10800092XX
LAB NUMBER:		1730905	1730910	1731402	1731406	1731405	1731404	1731401	1731403
DATE SAMPLED:		06/29/93	06/29/93	06/30/93	06/30/93	06/30/93	06/30/93	06/30/93	06/30/93
ANALYTE	RL								
Ignitability (degree F)		>212	>212	>212	>212	>212	>212	>212	>212
Corrosivity (pH units)		7.29	7.88	7.97	7.36	7.46	7.63	7.25	7.85
Reactivity - Cyanide (mg/kg)	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Reactivity - Sulfide (mg/kg)	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Associated Method Blank:		PB17309	PB17309	MB1731	MB1731	MB1731	MB1731	MB1731	MB1731
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected

Table 1
Laboratory Report of Analysis

LOCATION:	BS-108
DEPTH:	8
ISIS ID:	GPBS10800892XX
LAB NUMBER:	1731410
DATE SAMPLED:	06/30/93

ANALYTE	RL	
Ignitability (degree F)		>212
Corrosivity (pH units)		7.38
Reactivity - Cyanide (mg/kg)	1	1 U
Reactivity - Sulfide (mg/kg)	1	1 U

Associated Method Blank:	MB1731
Associated Equipment Blank:	-
Associated Field Blank:	-

Site: SOIL BORING
U = not detected

Table 2
Validation / Summary Table

LOCATION:		BS-102	BS-102	BS-103	BS-103	BS-104	BS-104	BS-105	BS-105
DEPTH:		2	4	8	10	2	8	2	8
ISIS ID:		GPBS10200292	GPBS10200492XX	GPBS10300892XX	GPBS10301092XX	GPBS10400292XX	GPBS10400892XX	GPBS10500292	GPBS10500892XX
LAB NUMBER:		1730903	1730908	1730907	1730902	1730909	1730904	1730901	1730906
DATE SAMPLED:		06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
ANALYTE	RL								
Ignitability (degree F)		>212	>212	>212	>212	>212	>212	>212	>212
Corrosivity (pH units)		7.85	7.66	7.49	7.53	7.97	7.23	7.64	7.76
Reactivity - Cyanide (mg/kg)	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Reactivity - Sulfide (mg/kg)	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Associated Method Blank:		PB17309	PB17309	PB17309	PB17309	PB17309	PB17309	PB17309	PB17309
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected

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Table 2
Validation / Summary Table

	LOCATION:	BS-106	BS-106	BS-101	BS-101	BS-107	BS-107	BS-107	BS-108
	DEPTH:	4	6	2	8	2	2	6	0
	ISIS ID:	GPBS10600492XX	GPBS10600692XX	GPBS10100292XX	GPBS10100892XX	GPBS10700292XD	GPBS10700292XX	GPBS10700692XX	GPBS10800092XX
	LAB NUMBER:	1730905	1730910	1731402	1731406	1731405	1731404	1731401	1731403
	DATE SAMPLED:	06/29/93	06/29/93	06/30/93	06/30/93	06/30/93	06/30/93	06/30/93	06/30/93
ANALYTE	RL								
Ignitability (degree F)		>212	>212	>212	>212	>212	>212	>212	>212
Corrosivity (pH units)		7.29	7.88	7.97	7.36	7.46	7.63	7.25	7.85
Reactivity - Cyanide (mg/kg)	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Reactivity - Sulfide (mg/kg)	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Associated Method Blank:		PB17309	PB17309	MB1731	MB1731	MB1731	MB1731	MB1731	MB1731
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected

Table 2
Validation / Summary Table

LOCATION:	BS-108
DEPTH:	8
ISIS ID:	GPBS10800892XX
LAB NUMBER:	1731410
DATE SAMPLED:	06/30/93

ANALYTE	RL	
Ignitability (degree F)		>212
Corrosivity (pH units)		7.38
Reactivity - Cyanide (mg/kg)	1	1 U
Reactivity - Sulfide (mg/kg)	1	1 U

Associated Method Blank:	MB1731
Associated Equipment Blank:	-
Associated Field Blank:	-

Site: SOIL BORING
U = not detected

Table 3
Summary Table

LOCATION:		BS-102	BS-102	BS-103	BS-103	BS-104	BS-104	BS-105	BS-105
DEPTH:		2	4	8	10	2	8	2	8
ISIS ID:		GPBS10200292	GPBS10200492XX	GPBS10300892	GPBS10301092XX	GPBS10400292XX	GPBS10400892XX	GPBS10500292	GPBS10500892XX
LAB NUMBER:		1730903	1730908	1730907	1730902	1730909	1730904	1730901	1730906
DATE SAMPLED:		06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93	06/29/93
ANALYTE	RL								
Ignitability (degree F)		-	-	-	-	-	-	-	-
Corrosivity (pH units)		7.85	7.66	7.49	7.53	7.97	7.23	7.64	7.76
Reactivity - Cyanide (mg/kg)	1	-	-	-	-	-	-	-	-
Reactivity - Sulfide (mg/kg)	1	-	-	-	-	-	-	-	-
Associated Method Blank:		PB17309	PB17309	PB17309	PB17309	PB17309	PB17309	PB17309	PB17309
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected

Table 3
Summary Table

LOCATION:		BS-106	BS-106	BS-101	BS-101	BS-107	BS-107	BS-107	BS-108
DEPTH:		4	6	2	8	2	2	6	0
ISIS ID:		GPBS10600492XX	GPBS10600692XX	GPBS10100292XX	GPBS10100892XX	GPBS10700292XD	GPBS10700292XX	GPBS10700692XX	GPBS10800092XX
LAB NUMBER:		1730905	1730910	1731402	1731406	1731405	1731404	1731401	1731403
DATE SAMPLED:		06/29/93	06/29/93	06/30/93	06/30/93	06/30/93	06/30/93	06/30/93	06/30/93
ANALYTE	RL								
Ignitability (degree F)		-	-	-	-	-	-	-	-
Corrosivity (pH units)		7.29	7.88	7.97	7.36	7.46	7.63	7.25	7.85
Reactivity - Cyanide (mg/kg)	1	-	-	-	-	-	-	-	-
Reactivity - Sulfide (mg/kg)	1	-	-	-	-	-	-	-	-
Associated Method Blank:		PB17309	PB17309	MB1731	MB1731	MB1731	MB1731	MB1731	MB1731
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: SOIL BORING
U = not detected

Table 3
Summary Table

LOCATION:	BS-108
DEPTH:	8
ISIS ID:	GPBS10800892XX
LAB NUMBER:	1731410
DATE SAMPLED:	06/30/93

ANALYTE	RL	
Ignitability (degree F)		-
Corrosivity (pH units)		7.38
Reactivity - Cyanide (mg/kg)	1	-
Reactivity - Sulfide (mg/kg)	1	-

Associated Method Blank:	MB1731
Associated Equipment Blank:	-
Associated Field Blank:	-

Site: SOIL BORING
U = not detected

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR NYSDEC PSA-4 GRIFFON PARK; FILE: 7092-101
SOIL (ug/kg)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

GPBS10100892XX
GPBS10700292XX
GPBS10700292XD
GPBS10800492XX

SEMIVOLATILE

	GPBS10100892XXRE	GPBS10700292XD	GPBS10700292XX	GPBS10800892XX
Benzaldehyde Isomer	330 J			
Unknown Aromatic	2200 J			2600 J
Unknown Acid		150 J		
Hexadecanoic Acid			88 JN	
Unknown Alkane			91 J	72000 J(7)
Unknown Cyclohexane				330 J

TENTATIVELY IDENTIFIED COMPOUND (TIC)
FOR NYSDEC PSA-4 GRIFFON PARK; FILE:
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

GPQS00100092XX
GPQT00100092XX

SEMIVOLATILE

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

GPQS00100092XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR NYSDEC PSA-4 GRIFFON PARK; FILE: 7092-100
SOIL (ug/kg)

VOLATILE

	GPBS10200492XX
Unknown Aromatic	25 J

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

GPBS10300892XX
GPBS10400292XX
GPBS10500892XX
GPBS10600692XX

SEMIVOLATILE

	GPBS10200492XXRE	GPBS10300892XX	GPBS10400292XX	GPBS10500892XX
Unknown Acid	300 J(2)			93000 J(4)
Unknown Alkane	140 J	8700 J(6)	980 J	58000 J(7)
Unknown Aromatic		38000 J(6)		

	GPBS10600692XX
Unknown Alkane	15000 J(5)
Unknown Aromatic	25000 J(2)

GROUNDWATER SAMPLE ANALYTICAL TABLES

Table 1
Laboratory Report of Analysis

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE ANALYZED:	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93
ANALYTE — SOW-3/90 - II — CRQL								
Chloromethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride 10	4 BJ	4 BJ	6 BJ	4 BJ	5 BJ	6 BJ	5 BJ	6 BJ
Acetone 10	5 BJ	5 BJ	9 BJ	8 BJ	4 BJ	5 BJ	5 BJ	38 B
Carbon Disulfide 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total) 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene 10	10 U	10 U	12	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene 10	10 U	5 J	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene 10	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene 10	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U
Styrene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Xylenes 10	10 U	22	10 U	10 U	10 U	10 U	10 U	10 U
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:	N1674	N1674	N1674	N1674	N1674	N1674	N1674	N1674
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-	-	-	-	-	-
Associated Trip Blank:	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX

Site: MONITORING WELL
B: Blank Contamination J: Estimated U: Not Detected -: Not Detected

Table 1
Laboratory Report of Analysis

		LOCATION:	LC-05B		MW-101		MW-102
		ISIS ID:	GPMW05B00093XX		GPMW10100093XX		GPMW10200093XX
		LAB NUMBER:	1752702		1752704		1752701
		DATE SAMPLED:	07/19/93		07/19/93		07/19/93
		DATE ANALYZED:	07/23/93		07/23/93		07/23/93
ANALYTE	SOW-3/90 - II CRQL						
Chloromethane	10	10	U	10	U	10	U
Bromomethane	10	10	U	10	U	10	U
Vinyl Chloride	10	10	U	10	U	10	U
Chloroethane	10	10	U	10	U	10	U
Methylene Chloride	10	6	BJ	6	BJ	6	BJ
Acetone	10	5	BJ	7	BJ	7	BJ
Carbon Disulfide	10	10	U	10	U	10	U
1,1-Dichloroethene	10	10	U	10	U	10	U
1,1-Dichloroethane	10	10	U	10	U	10	U
1,2-Dichloroethene (total)	10	10	U	10	U	10	U
Chloroform	10	10	U	10	U	10	U
1,2-Dichloroethane	10	10	U	10	U	10	U
2-Butanone	10	10	U	10	U	10	U
1,1,1-Trichloroethane	10	10	U	10	U	10	U
Carbon Tetrachloride	10	10	U	10	U	10	U
Bromodichloromethane	10	10	U	10	U	10	U
1,2-Dichloropropane	10	10	U	10	U	10	U
cis-1,3-Dichloropropene	10	10	U	10	U	10	U
Trichloroethene	10	10	U	10	U	10	U
Dibromochloromethane	10	10	U	10	U	10	U
1,1,2-Trichloroethane	10	10	U	10	U	10	U
Benzene	10	10	U	10	U	10	U
trans-1,3-Dichloropropene	10	10	U	10	U	10	U
Bromoform	10	10	U	10	U	10	U
4-Methyl-2-Pentanone	10	10	U	10	U	10	U
2-Hexanone	10	10	U	10	U	10	U
Tetrachloroethene	10	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	10	U	10	U	10	U
Toluene	10	10	U	10	U	2	J
Chlorobenzene	10	10	U	10	U	10	U
Ethylbenzene	10	10	U	10	U	10	U
Styrene	10	10	U	10	U	10	U
Total Xylenes	10	10	U	10	U	10	U
Dilution Factor:		1.00		1.00		1.00	

Associated Method Blank:	N1674	N1674	N1674
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-
Associated Trip Blank:	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX

Site: MONITORING WELL
B: Blank Contamination J: Estimated U: Not Detected -: Not Detected

02

Table 2
Validation / Summary Table

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE ANALYZED:	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93
ANALYTE — SOW-3/90 - II — CRQL								
Chloromethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride 10	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U
Acetone 10	10 U	10 U	10 U	10 U	10 U	10 U	5 U	38 U
Carbon Disulfide 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total) 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene 10	10 U	10 U	12	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene 10	10 U	5 J	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene 10	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene 10	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U
Styrene 10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Xylenes 10	10 UJ	22 J	10 U	10 U	10 U	10 U	10 U	10 U
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:	N1674	N1674	N1674	N1674	N1674	N1674	N1674	N1674
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-	-	-	-	-	-
Associated Trip Blank:	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX

Site: MONITORING WELL
B: Blank Contamination J: Estimated U: Not Detected -: Not Detected

Table 2
Validation / Summary Table

		LOCATION:	LC-05B		MW-101		MW-102	
		ISIS ID:	GPMW05B00093XX		GPMW10100093XX		GPMW10200093XX	
		LAB NUMBER:	1752702		1752704		1752701	
		DATE SAMPLED:	07/19/93		07/19/93		07/19/93	
		DATE ANALYZED:	07/23/93		07/23/93		07/23/93	
ANALYTE	SOW-3/90 - II CRQL							
Chloromethane	10		10	UJ	10	U	10	U
Bromomethane	10		10	U	10	U	10	U
Vinyl Chloride	10		10	U	10	U	10	U
Chloroethane	10		10	U	10	U	10	U
Methylene Chloride	10		10	U	10	U	10	U
Acetone	10		10	U	10	U	10	U
Carbon Disulfide	10		10	U	10	U	10	U
1,1-Dichloroethene	10		10	U	10	U	10	U
1,1-Dichloroethane	10		10	U	10	U	10	U
1,2-Dichloroethene (total)	10		10	U	10	U	10	U
Chloroform	10		10	U	10	U	10	U
1,2-Dichloroethane	10		10	U	10	U	10	U
2-Butanone	10		10	U	10	U	10	U
1,1,1-Trichloroethane	10		10	U	10	U	10	U
Carbon Tetrachloride	10		10	U	10	U	10	U
Bromodichloromethane	10		10	U	10	U	10	U
1,2-Dichloropropane	10		10	U	10	U	10	U
cis-1,3-Dichloropropene	10		10	U	10	U	10	U
Trichloroethene	10		10	U	10	U	10	U
Dibromochloromethane	10		10	U	10	U	10	U
1,1,2-Trichloroethane	10		10	U	10	U	10	U
Benzene	10		10	U	10	U	10	U
trans-1,3-Dichloropropene	10		10	U	10	U	10	U
Bromoform	10		10	U	10	U	10	U
4-Methyl-2-Pentanone	10		10	U	10	U	10	U
2-Hexanone	10		10	U	10	U	10	U
Tetrachloroethene	10		10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10		10	U	10	U	10	U
Toluene	10		10	U	10	U	2	J
Chlorobenzene	10		10	U	10	U	10	U
Ethylbenzene	10		10	U	10	U	10	U
Styrene	10		10	U	10	U	10	U
Total Xylenes	10		10	U	10	U	10	U
Dilution Factor:			1.00		1.00		1.00	

Associated Method Blank:	N1674	N1674	N1674
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-
Associated Trip Blank:	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX

Site: MONITORING WELL
B: Blank Contamination J: Estimated U: Not Detected -: Not Detected

04

Table 3
Summary Table

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE ANALYZED:	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93	07/23/93
ANALYTE SOW-3/90 - II CRQL								
Chloromethane 10	-	-	-	-	-	-	-	-
Bromomethane 10	-	-	-	-	-	-	-	-
Vinyl Chloride 10	-	-	-	-	-	-	-	-
Chloroethane 10	-	-	-	-	-	-	-	-
Methylene Chloride 10	-	-	-	-	-	-	-	-
Acetone 10	-	-	-	-	-	-	-	-
Carbon Disulfide 10	-	-	-	-	-	-	-	-
1,1-Dichloroethene 10	-	-	-	-	-	-	-	-
1,1-Dichloroethane 10	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total) 10	-	-	-	-	-	-	-	-
Chloroform 10	-	-	-	-	-	-	-	-
1,2-Dichloroethane 10	-	-	-	-	-	-	-	-
2-Butanone 10	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane 10	-	-	-	-	-	-	-	-
Carbon Tetrachloride 10	-	-	-	-	-	-	-	-
Bromodichloromethane 10	-	-	-	-	-	-	-	-
1,2-Dichloropropane 10	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene 10	-	-	-	-	-	-	-	-
Trichloroethene 10	-	-	-	-	-	-	-	-
Dibromochloromethane 10	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane 10	-	-	-	-	-	-	-	-
Benzene 10	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene 10	-	-	-	-	-	-	-	-
Bromoform 10	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone 10	-	-	-	-	-	-	-	-
2-Hexanone 10	-	-	-	-	-	-	-	-
Tetrachloroethene 10	-	-	12	-	-	-	-	-
1,1,2,2-Tetrachloroethane 10	-	-	-	-	-	-	-	-
Toluene 10	-	5 J	-	-	-	-	-	-
Chlorobenzene 10	-	2 J	-	-	-	-	-	-
Ethylbenzene 10	-	3 J	-	-	-	-	-	-
Styrene 10	-	-	-	-	-	-	-	-
Total Xylenes 10	-	22 J	-	-	-	-	-	-
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:	N1674	N1674	N1674	N1674	N1674	N1674	N1674	N1674
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-	-	-	-	-	-
Associated Trip Blank:	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX

Site: MONITORING WELL
B: Blank Contamination J: Estimated U: Not Detected -: Not Detected

Table 3
Summary Table

	LOCATION:	LC-05B	MW-101	MW-102
	ISIS ID:	GPMW05B00093XX	GPMW10100093XX	GPMW10200093XX
	LAB NUMBER:	1752702	1752704	1752701
	DATE SAMPLED:	07/19/93	07/19/93	07/19/93
	DATE ANALYZED:	07/23/93	07/23/93	07/23/93
ANALYTE	SOW-3/90 - II CRQL			
Chloromethane	10	-	-	-
Bromomethane	10	-	-	-
Vinyl Chloride	10	-	-	-
Chloroethane	10	-	-	-
Methylene Chloride	10	-	-	-
Acetone	10	-	-	-
Carbon Disulfide	10	-	-	-
1,1-Dichloroethene	10	-	-	-
1,1-Dichloroethane	10	-	-	-
1,2-Dichloroethene (total)	10	-	-	-
Chloroform	10	-	-	-
1,2-Dichloroethane	10	-	-	-
2-Butanone	10	-	-	-
1,1,1-Trichloroethane	10	-	-	-
Carbon Tetrachloride	10	-	-	-
Bromodichloromethane	10	-	-	-
1,2-Dichloropropane	10	-	-	-
cis-1,3-Dichloropropene	10	-	-	-
Trichloroethene	10	-	-	-
Dibromochloromethane	10	-	-	-
1,1,2-Trichloroethane	10	-	-	-
Benzene	10	-	-	-
trans-1,3-Dichloropropene	10	-	-	-
Bromoform	10	-	-	-
4-Methyl-2-Pentanone	10	-	-	-
2-Hexanone	10	-	-	-
Tetrachloroethene	10	-	-	-
1,1,2,2-Tetrachloroethane	10	-	-	-
Toluene	10	-	-	2 J
Chlorobenzene	10	-	-	-
Ethylbenzene	10	-	-	-
Styrene	10	-	-	-
Total Xylenes	10	-	-	-
Dilution Factor:		1.00	1.00	1.00

Associated Method Blank:	N1674	N1674	N1674
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-
Associated Trip Blank:	GPQT00200093XX	GPQT00200093XX	GPQT00200093XX

Site: MONITORING WELL
B: Blank Contamination J: Estimated U: Not Detected -: Not Detected

Table 1
Laboratory Report of Analysis

	LOCATION:	QT-1	QT-2
	ISIS ID:	GPQT00100092XX	GPQT00200093XX
	LAB NUMBER:	1731414	1752715
	DATE SAMPLED:	06/30/93	07/19/93
	DATE ANALYZED:	07/07/93	07/23/93
ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	10	10 U	10 U
Bromomethane	10	10 U	10 U
Vinyl Chloride	10	10 U	10 U
Chloroethane	10	10 U	10 U
Methylene Chloride	10	8 BJ	6 BJ
Acetone	10	9 BJ	4 BJ
Carbon Disulfide	10	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	10 U
Chloroform	10	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U
2-Butanone	10	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U
Bromodichloromethane	10	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U
Trichloroethene	10	10 U	10 U
Dibromochloromethane	10	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U
Benzene	10	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U
Bromoform	10	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U
2-Hexanone	10	10 U	10 U
Tetrachloroethene	10	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U
Toluene	10	2 J	10 U
Chlorobenzene	10	10 U	10 U
Ethylbenzene	10	10 U	10 U
Styrene	10	10 U	10 U
Total Xylenes	10	10 U	10 U
Dilution Factor:		1.00	1.00
Associated Method Blank:		N1383	N1674
Associated Equipment Blank:		-	-
Associated Field Blank:		-	-
Associated Trip Blank:		-	-

Site: TRIP BLANK
U: Not Detected B: Blank Contamination J: Estimated

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Table 1
Laboratory Report of Analysis

LOCATION:		QS-1	QS-2
ISIS ID:		GPQS00100092XX	GPQS00200093XX
LAB NUMBER:		1731413	1752713
DATE SAMPLED:		06/30/93	07/19/93
DATE ANALYZED:		07/10/93	07/23/93
ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	10	10 U	10 U
Bromomethane	10	10 U	10 U
Vinyl Chloride	10	10 U	10 U
Chloroethane	10	10 U	10 U
Methylene Chloride	10	10 U	7 BJ
Acetone	10	10 U	22 B
Carbon Disulfide	10	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	10 U
Chloroform	10	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U
2-Butanone	10	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U
Bromodichloromethane	10	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U
Trichloroethene	10	10 U	10 U
Dibromochloromethane	10	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U
Benzene	10	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U
Bromoform	10	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U
2-Hexanone	10	10 U	10 U
Tetrachloroethene	10	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U
Toluene	10	10 U	10 U
Chlorobenzene	10	10 U	10 U
Ethylbenzene	10	10 U	10 U
Styrene	10	10 U	10 U
Total Xylenes	10	10 U	10 U
Dilution Factor:		1.00	1.00
Associated Method Blank:		M2158	N1674
Associated Equipment Blank:		-	-
Associated Field Blank:		-	-
Associated Trip Blank:		-	-

Site: EQUIPMENT RINSATE
U: Not Detected B: Blank Contamination J: Estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-1	QS-2
	ISIS ID:	GPQS00100092XX	GPQS00200093XX
	LAB NUMBER:	1731413	1752713
	DATE SAMPLED:	06/30/93	07/19/93
	DATE EXTRACTED:	07/05/93	07/26/93
	DATE ANALYZED:	07/10/93	07/31/93
ANALYTE	SOW-3/90 - II CRQL		
Phenol	10	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U
2-Chlorophenol	10	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U
2-Methylphenol	10	10 U	10 U
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U
4-Methylphenol	10	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U
Hexachloroethane	10	10 U	10 U
Nitrobenzene	10	10 U	10 U
Isophorone	10	10 U	10 U
2-Nitrophenol	10	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U
Naphthalene	10	10 U	10 U
4-Chloroaniline	10	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U
2-Nitroaniline	25	25 U	25 U
Dimethylphthalate	10	10 U	10 U
Acenaphthylene	10	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U

Site: EQUIPMENT RINSATE
U: Not Detected

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Table 1
Laboratory Report of Analysis

LOCATION:	QS-1	QS-2
ISIS ID:	GPQS00100092XX	GPQS00200093XX
LAB NUMBER:	1731413	1752713
DATE SAMPLED:	06/30/93	07/19/93
DATE EXTRACTED:	07/05/93	07/26/93
DATE ANALYZED:	07/10/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL				
3-Nitroaniline	25	25	U	25	U
Acenaphthene	10	10	U	10	U
2,4-Dinitrophenol	25	25	U	25	U
4-Nitrophenol	25	25	U	25	U
Dibenzofuran	10	10	U	10	U
2,4-Dinitrotoluene	10	10	U	10	U
Diethylphthalate	10	10	U	10	U
4-Chlorophenyl-phenylether	10	10	U	10	U
Fluorene	10	10	U	10	U
4-Nitroaniline	25	25	U	25	U
4,6-Dinitro-2-methylphenol	25	25	U	25	U
N-Nitrosodiphenylamine	10	10	U	10	U
4-Bromophenyl-phenylether	10	10	U	10	U
Hexachlorobenzene	10	10	U	10	U
Pentachlorophenol	25	25	U	25	U
Phenanthrene	10	10	U	10	U
Anthracene	10	10	U	10	U
Carbazole	10	10	U	10	U
Di-n-butylphthalate	10	10	U	10	U
Fluoranthene	10	10	U	10	U
Pyrene	10	10	U	10	U
Butylbenzylphthalate	10	10	U	10	U
3,3'-Dichlorobenzidine	10	10	U	10	U
Benzo(a)Anthracene	10	10	U	10	U
Chrysene	10	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	10	U	10	U
Di-n-octylphthalate	10	10	U	10	U
Benzo(b)Fluoranthene	10	10	U	10	U
Benzo(k)Fluoranthene	10	10	U	10	U
Benzo(a)Pyrene	10	10	U	10	U
Indeno(1,2,3-c,d)Pyrene	10	10	U	10	U
Dibenz(a,h)Anthracene	10	10	U	10	U
Benzo(g,h,i)perylene	10	10	U	10	U
Dilution Factor:		1.00		1.00	

Associated Method Blank:	F6286	F6286
Associated Equipment Blank:	-	-
Associated Field Blank:	-	-

Site: EQUIPMENT RINSATE
U: Not Detected

Table 1
Laboratory Report of Analysis

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE EXTRACTED:	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93
DATE ANALYZED:	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL																	
Phenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Chloroethyl)ether	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	2	J	2	J	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Chloroethoxy)methane	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-Methylphenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
2-Chloronaphthalene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Dimethylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 1
Laboratory Report of Analysis

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE EXTRACTED:	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93
DATE ANALYZED:	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL															
3-Nitroaniline	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Dibenzofuran	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrotoluene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
N-Nitrosodiphenylamine	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl-phenylether	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Anthracene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbazole	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-butylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)Anthracene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	2	J	4	J	10	U	10		2	J	3	J	10	U	4	J
Di-n-octylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)Fluoranthene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)Fluoranthene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)Pyrene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-c,d)Pyrene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibenz(a,h)Anthracene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dilution Factor:		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00	

Associated Method Blank:	F6286	F6286	F6286	F6286	F6286	F6286	F6286	F6286
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 1
Laboratory Report of Analysis

LOCATION:	LC-05B	LC-05B	MW-101	MW-102
ISIS ID:	GPMW05B00093XX	GPMW05B00093XX	GPMW10100093XX	GPMW10200093XX
LAB NUMBER:	1752702	1752702 R	1752704	1752701
DATE SAMPLED:	07/19/93	07/19/93	07/19/93	07/19/93
DATE EXTRACTED:	07/26/93	08/02/93	07/26/93	07/26/93
DATE ANALYZED:	07/31/93	08/10/93	07/31/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL							
Phenol	10	10	U	10	U	10	U	10	U
bis(2-Chloroethyl)ether	10	10	U	10	U	10	U	10	U
2-Chlorophenol	10	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	10	U	10	U	10	U	10	U
2-Methylphenol	10	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	10	U	10	U	10	U	10	U
4-Methylphenol	10	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	10	U	10	U	10	U	10	U
Hexachloroethane	10	10	U	10	U	10	U	10	U
Nitrobenzene	10	10	U	10	U	10	U	10	U
Isophorone	10	10	U	10	U	10	U	10	U
2-Nitrophenol	10	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	10	U	10	U	10	U	10	U
bis(2-Chloroethoxy)methane	10	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	10	10	U	10	U	10	U	10	U
Naphthalene	10	10	U	10	U	10	U	10	U
4-Chloroaniline	10	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	10	U	10	U	10	U	10	U
4-Chloro-3-Methylphenol	10	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	10	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	25	U	25	U	25	U	25	U
2-Chloronaphthalene	10	10	U	10	U	10	U	10	U
2-Nitroaniline	25	25	U	25	U	25	U	25	U
Dimethylphthalate	10	10	U	10	U	10	U	10	U
Acenaphthylene	10	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	10	U	10	U	10	U	10	U

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 1
Laboratory Report of Analysis

LOCATION:	LC-05B	LC-05B	MW-101	MW-102
ISIS ID:	GPMW05B00093XX	GPMW05B00093XX	GPMW10100093XX	GPMW10200093XX
LAB NUMBER:	1752702	1752702 R	1752704	1752701
DATE SAMPLED:	07/19/93	07/19/93	07/19/93	07/19/93
DATE EXTRACTED:	07/26/93	08/02/93	07/26/93	07/26/93
DATE ANALYZED:	07/31/93	08/10/93	07/31/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL							
3-Nitroaniline	25	25	U	25	U	25	U	25 U
Acenaphthene	10	10	U	10	U	10	U	10 U
2,4-Dinitrophenol	25	25	U	25	U	25	U	25 U
4-Nitrophenol	25	25	U	25	U	25	U	25 U
Dibenzofuran	10	10	U	10	U	10	U	10 U
2,4-Dinitrotoluene	10	10	U	10	U	10	U	10 U
Diethylphthalate	10	10	U	10	U	10	U	10 U
4-Chlorophenyl-phenylether	10	10	U	10	U	10	U	10 U
Fluorene	10	10	U	10	U	10	U	10 U
4-Nitroaniline	25	25	U	25	U	25	U	25 U
4,6-Dinitro-2-methylphenol	25	25	U	25	U	25	U	25 U
N-Nitrosodiphenylamine	10	10	U	10	U	10	U	10 U
4-Bromophenyl-phenylether	10	10	U	10	U	10	U	10 U
Hexachlorobenzene	10	10	U	10	U	10	U	10 U
Pentachlorophenol	25	25	U	25	U	25	U	25 U
Phenanthrene	10	10	U	10	U	10	U	10 U
Anthracene	10	10	U	10	U	10	U	10 U
Carbazole	10	10	U	10	U	10	U	10 U
Di-n-butylphthalate	10	10	U	10	U	10	U	10 U
Fluoranthene	10	10	U	10	U	10	U	10 U
Pyrene	10	10	U	10	U	10	U	10 U
Butylbenzylphthalate	10	10	U	10	U	10	U	10 U
3,3'-Dichlorobenzidine	10	10	U	10	U	10	U	10 U
Benzo(a)Anthracene	10	10	U	10	U	10	U	10 U
Chrysene	10	10	U	10	U	10	U	10 U
bis(2-Ethylhexyl)phthalate	10	10		54		10	U	10 U
Di-n-octylphthalate	10	10	U	10	U	10	U	10 U
Benzo(b)Fluoranthene	10	10	U	10	U	10	U	10 U
Benzo(k)Fluoranthene	10	10	U	10	U	10	U	10 U
Benzo(a)Pyrene	10	10	U	10	U	10	U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10	U	10	U	10	U	10 U
Dibenz(a,h)Anthracene	10	10	U	10	U	10	U	10 U
Benzo(g,h,i)perylene	10	10	U	10	U	10	U	10 U
Dilution Factor:		1.00		1.00		1.00		1.00

Associated Method Blank:	F6286	F6462	F6286	F6286
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 2
Validation / Summary Table

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE EXTRACTED:	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93
DATE ANALYZED:	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL																
Phenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Chloroethyl)ether	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	2	J	2	J	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Chloroethoxy)methane	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-Methylphenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
2-Chloronaphthalene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Dimethylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 2
Validation / Summary Table

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE EXTRACTED:	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93
DATE ANALYZED:	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL															
3-Nitroaniline	25	25	U	25	UJ	25	U	25	U	25	U	25	UJ	25	U	25	UJ
Acenaphthene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Dibenzofuran	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrotoluene	10	10	U	10	UJ	10	U	10	U	10	U	10	UJ	10	U	10	UJ
Diethylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	25	U	25	UJ	25	U	25	U	25	U	25	UJ	25	U	25	UJ
4,6-Dinitro-2-methylphenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
N-Nitrosodiphenylamine	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl-phenylether	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Anthracene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbazole	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-butylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	10	U	10	UJ	10	U	10	U	10	U	10	UJ	10	U	10	UJ
Butylbenzylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	10	U	10	UJ	10	U	10	U	10	U	10	UJ	10	U	10	UJ
Benzo(a)Anthracene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	2	J	4	J	10	U	10		2	J	3	J	10	U	4	J
Di-n-octylphthalate	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)Fluoranthene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)Fluoranthene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)Pyrene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-c,d)Pyrene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibenz(a,h)Anthracene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dilution Factor:		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00	

Associated Method Blank:	F6286	F6286	F6286	F6286	F6286	F6286	F6286	F6286
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 2
Validation / Summary Table

LOCATION:	LC-05B	MW-101	MW-102
ISIS ID:	GPMW05B00093XX	GPMW10100093XX	GPMW10200093XX
LAB NUMBER:	1752702 R	1752704	1752701
DATE SAMPLED:	07/19/93	07/19/93	07/19/93
DATE EXTRACTED:	08/02/93	07/26/93	07/26/93
DATE ANALYZED:	08/10/93	07/31/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL						
Phenol	10	10	UJ	10	U	10	U
bis(2-Chloroethyl)ether	10	10	UJ	10	U	10	U
2-Chlorophenol	10	10	UJ	10	U	10	U
1,3-Dichlorobenzene	10	10	UJ	10	U	10	U
1,4-Dichlorobenzene	10	10	UJ	10	U	10	U
1,2-Dichlorobenzene	10	10	UJ	10	U	10	U
2-Methylphenol	10	10	UJ	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	10	UJ	10	U	10	U
4-Methylphenol	10	10	UJ	10	U	10	U
N-Nitroso-di-n-propylamine	10	10	UJ	10	U	10	U
Hexachloroethane	10	10	UJ	10	U	10	U
Nitrobenzene	10	10	UJ	10	U	10	U
Isophorone	10	10	UJ	10	U	10	U
2-Nitrophenol	10	10	UJ	10	U	10	U
2,4-Dimethylphenol	10	10	UJ	10	U	10	U
bis(2-Chloroethoxy)methane	10	10	UJ	10	U	10	U
2,4-Dichlorophenol	10	10	UJ	10	U	10	U
1,2,4-Trichlorobenzene	10	10	UJ	10	U	10	U
Naphthalene	10	10	UJ	10	U	10	U
4-Chloroaniline	10	10	UJ	10	U	10	U
Hexachlorobutadiene	10	10	UJ	10	U	10	U
4-Chloro-3-Methylphenol	10	10	UJ	10	U	10	U
2-Methylnaphthalene	10	10	UJ	10	U	10	U
Hexachlorocyclopentadiene	10	10	UJ	10	U	10	U
2,4,6-Trichlorophenol	10	10	UJ	10	U	10	U
2,4,5-Trichlorophenol	25	25	UJ	25	U	25	U
2-Chloronaphthalene	10	10	UJ	10	U	10	U
2-Nitroaniline	25	25	UJ	25	U	25	U
Dimethylphthalate	10	10	UJ	10	U	10	U
Acenaphthylene	10	10	UJ	10	U	10	U
2,6-Dinitrotoluene	10	10	UJ	10	U	10	U

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 2
Validation / Summary Table

LOCATION:	LC-05B	MW-101	MW-102
ISIS ID:	GPMW05B00093XX	GPMW10100093XX	GPMW10200093XX
LAB NUMBER:	1752702 R	1752704	1752701
DATE SAMPLED:	07/19/93	07/19/93	07/19/93
DATE EXTRACTED:	08/02/93	07/26/93	07/26/93
DATE ANALYZED:	08/10/93	07/31/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL						
3-Nitroaniline	25	25	UJ	25	UJ	25	UJ
Acenaphthene	10	10	UJ	10	U	10	U
2,4-Dinitrophenol	25	25	UJ	25	U	25	U
4-Nitrophenol	25	25	UJ	25	U	25	U
Dibenzofuran	10	10	UJ	10	U	10	U
2,4-Dinitrotoluene	10	10	UJ	10	UJ	10	UJ
Diethylphthalate	10	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	10	10	UJ	10	U	10	U
Fluorene	10	10	UJ	10	U	10	U
4-Nitroaniline	25	25	UJ	25	UJ	25	UJ
4,6-Dinitro-2-methylphenol	25	25	UJ	25	U	25	U
N-Nitrosodiphenylamine	10	10	UJ	10	U	10	U
4-Bromophenyl-phenylether	10	10	UJ	10	U	10	U
Hexachlorobenzene	10	10	UJ	10	U	10	U
Pentachlorophenol	25	25	UJ	25	U	25	U
Phenanthrene	10	10	UJ	10	U	10	U
Anthracene	10	10	UJ	10	U	10	U
Carbazole	10	10	UJ	10	U	10	U
Di-n-butylphthalate	10	10	UJ	10	U	10	U
Fluoranthene	10	10	UJ	10	U	10	U
Pyrene	10	10	UJ	10	UJ	10	UJ
Butylbenzylphthalate	10	10	UJ	10	U	10	U
3,3'-Dichlorobenzidine	10	10	UJ	10	UJ	10	UJ
Benzo(a)Anthracene	10	10	UJ	10	U	10	U
Chrysene	10	10	UJ	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	54		10	U	10	U
Di-n-octylphthalate	10	10	UJ	10	U	10	U
Benzo(b)Fluoranthene	10	10	UJ	10	U	10	U
Benzo(k)Fluoranthene	10	10	UJ	10	U	10	U
Benzo(a)Pyrene	10	10	UJ	10	U	10	U
Indeno(1,2,3-c,d)Pyrene	10	10	UJ	10	U	10	U
Dibenz(a,h)Anthracene	10	10	UJ	10	U	10	U
Benzo(g,h,i)perylene	10	10	UJ	10	U	10	U
Dilution Factor:		1.00		1.00		1.00	

Associated Method Blank:	F6462	F6286	F6286
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 3
Summary Table

		LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
		ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
		LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
		DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
		DATE EXTRACTED:	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93
		DATE ANALYZED:	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93
ANALYTE	SOW-3/90 - II	CRQL								
Phenol		10	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether		10	-	-	-	-	-	-	-	-
2-Chlorophenol		10	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene		10	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene		10	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene		10	-	-	-	-	-	-	-	-
2-Methylphenol		10	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)		10	-	-	-	-	-	-	-	-
4-Methylphenol		10	-	-	-	-	-	-	-	-
N-Nitroso-di-n-propylamine		10	-	-	-	-	-	-	-	-
Hexachloroethane		10	-	-	-	-	-	-	-	-
Nitrobenzene		10	-	-	-	-	-	-	-	-
Isophorone		10	-	-	-	-	-	-	-	-
2-Nitrophenol		10	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		10	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane		10	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		10	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		10	-	-	-	-	-	-	-	-
Naphthalene		10	-	-	-	-	-	-	-	-
4-Chloroaniline		10	-	-	-	-	-	-	-	-
Hexachlorobutadiene		10	-	-	-	-	-	-	-	-
4-Chloro-3-Methylphenol		10	-	-	-	-	-	-	-	-
2-Methylnaphthalene		10	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		10	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		10	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		25	-	-	-	-	-	-	-	-
2-Chloronaphthalene		10	-	-	-	-	-	-	-	-
2-Nitroaniline		25	-	-	-	-	-	-	-	-
Dimethylphthalate		10	-	-	-	-	-	-	-	-
Acenaphthylene		10	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		10	-	-	-	-	-	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 3
Summary Table

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE EXTRACTED:	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93	07/26/93
DATE ANALYZED:	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93	07/31/93
ANALYTE SOW-3/90 - II CRQL								
3-Nitroaniline 25	-	-	-	-	-	-	-	-
Acenaphthene 10	-	-	-	-	-	-	-	-
2,4-Dinitrophenol 25	-	-	-	-	-	-	-	-
4-Nitrophenol 25	-	-	-	-	-	-	-	-
Dibenzofuran 10	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene 10	-	-	-	-	-	-	-	-
Diethylphthalate 10	-	-	-	-	-	-	-	-
4-Chlorophenyl-phenylether 10	-	-	-	-	-	-	-	-
Fluorene 10	-	-	-	-	-	-	-	-
4-Nitroaniline 25	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol 25	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine 10	-	-	-	-	-	-	-	-
4-Bromophenyl-phenylether 10	-	-	-	-	-	-	-	-
Hexachlorobenzene 10	-	-	-	-	-	-	-	-
Pentachlorophenol 25	-	-	-	-	-	-	-	-
Phenanthrene 10	-	-	-	-	-	-	-	-
Anthracene 10	-	-	-	-	-	-	-	-
Carbazole 10	-	-	-	-	-	-	-	-
Di-n-butylphthalate 10	-	-	-	-	-	-	-	-
Fluoranthene 10	-	-	-	-	-	-	-	-
Pyrene 10	-	-	-	-	-	-	-	-
Butylbenzylphthalate 10	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine 10	-	-	-	-	-	-	-	-
Benzo(a)Anthracene 10	-	-	-	-	-	-	-	-
Chrysene 10	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate 10	-	-	-	10	-	-	-	-
Di-n-octylphthalate 10	-	-	-	-	-	-	-	-
Benzo(b)Fluoranthene 10	-	-	-	-	-	-	-	-
Benzo(k)Fluoranthene 10	-	-	-	-	-	-	-	-
Benzo(a)Pyrene 10	-	-	-	-	-	-	-	-
Indeno(1,2,3-c,d)Pyrene 10	-	-	-	-	-	-	-	-
Dibenz(a,h)Anthracene 10	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene 10	-	-	-	-	-	-	-	-
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:	F6286	F6286	F6286	F6286	F6286	F6286	F6286	F6286
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 3
Summary Table

	LOCATION:	LC-05B	MW-101	MW-102
	ISIS ID:	GPMW05B00093XX	GPMW10100093XX	GPMW10200093XX
	LAB NUMBER:	1752702 R	1752704	1752701
	DATE SAMPLED:	07/19/93	07/19/93	07/19/93
	DATE EXTRACTED:	08/02/93	07/26/93	07/26/93
	DATE ANALYZED:	08/10/93	07/31/93	07/31/93
ANALYTE	SOW-3/90 - II CRQL			
Phenol	10	-	-	-
bis(2-Chloroethyl)ether	10	-	-	-
2-Chlorophenol	10	-	-	-
1,3-Dichlorobenzene	10	-	-	-
1,4-Dichlorobenzene	10	-	-	-
1,2-Dichlorobenzene	10	-	-	-
2-Methylphenol	10	-	-	-
2,2'-oxybis(1-Chloropropane)	10	-	-	-
4-Methylphenol	10	-	-	-
N-Nitroso-di-n-propylamine	10	-	-	-
Hexachloroethane	10	-	-	-
Nitrobenzene	10	-	-	-
Isophorone	10	-	-	-
2-Nitrophenol	10	-	-	-
2,4-Dimethylphenol	10	-	-	-
bis(2-Chloroethoxy)methane	10	-	-	-
2,4-Dichlorophenol	10	-	-	-
1,2,4-Trichlorobenzene	10	-	-	-
Naphthalene	10	-	-	-
4-Chloroaniline	10	-	-	-
Hexachlorobutadiene	10	-	-	-
4-Chloro-3-Methylphenol	10	-	-	-
2-Methylnaphthalene	10	-	-	-
Hexachlorocyclopentadiene	10	-	-	-
2,4,6-Trichlorophenol	10	-	-	-
2,4,5-Trichlorophenol	25	-	-	-
2-Chloronaphthalene	10	-	-	-
2-Nitroaniline	25	-	-	-
Dimethylphthalate	10	-	-	-
Acenaphthylene	10	-	-	-
2,6-Dinitrotoluene	10	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

Table 3
Summary Table

LOCATION:	LC-05B	MW-101	MW-102
ISIS ID:	GPMW05B00093XX	GPMW10100093XX	GPMW10200093XX
LAB NUMBER:	1752702 R	1752704	1752701
DATE SAMPLED:	07/19/93	07/19/93	07/19/93
DATE EXTRACTED:	08/02/93	07/26/93	07/26/93
DATE ANALYZED:	08/10/93	07/31/93	07/31/93

ANALYTE	SOW-3/90 - II CRQL			
3-Nitroaniline	25	-	-	-
Acenaphthene	10	-	-	-
2,4-Dinitrophenol	25	-	-	-
4-Nitrophenol	25	-	-	-
Dibenzofuran	10	-	-	-
2,4-Dinitrotoluene	10	-	-	-
Diethylphthalate	10	-	-	-
4-Chlorophenyl-phenylether	10	-	-	-
Fluorene	10	-	-	-
4-Nitroaniline	25	-	-	-
4,6-Dinitro-2-methylphenol	25	-	-	-
N-Nitrosodiphenylamine	10	-	-	-
4-Bromophenyl-phenylether	10	-	-	-
Hexachlorobenzene	10	-	-	-
Pentachlorophenol	25	-	-	-
Phenanthrene	10	-	-	-
Anthracene	10	-	-	-
Carbazole	10	-	-	-
Di-n-butylphthalate	10	-	-	-
Fluoranthene	10	-	-	-
Pyrene	10	-	-	-
Butylbenzylphthalate	10	-	-	-
3,3'-Dichlorobenzidine	10	-	-	-
Benzo(a)Anthracene	10	-	-	-
Chrysene	10	-	-	-
bis(2-Ethylhexyl)phthalate	10	54	-	-
Di-n-octylphthalate	10	-	-	-
Benzo(b)Fluoranthene	10	-	-	-
Benzo(k)Fluoranthene	10	-	-	-
Benzo(a)Pyrene	10	-	-	-
Indeno(1,2,3-c,d)Pyrene	10	-	-	-
Dibenz(a,h)Anthracene	10	-	-	-
Benzo(g,h,i)perylene	10	-	-	-
Dilution Factor:		1.00	1.00	1.00

Associated Method Blank:	F6462	F6286	F6286
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated _: Not Detected

PROJECT: NYSDEC PSA-4 Griffon Park — Pesticides/PCBs Aqueous Analysis (ug/L) — 09/13/93

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-1	QS-2
	ISIS ID:	GPQS00100092XX	GPQS00200093XX
	LAB NUMBER:	1731413	1752713
	DATE SAMPLED:	06/30/93	07/19/93
	DATE EXTRACTED:	07/05/93	07/25/93
	DATE ANALYZED:	07/10/93	08/05/93
ANALYTE	SOW-3/90 - II CRQL		
alpha-BHC	0.05	0.05 U	0.05 U
beta-BHC	0.05	0.05 U	0.05 U
delta-BHC	0.05	0.05 U	0.05 U
gamma-BHC (Lindane)	0.05	0.05 U	0.05 U
Heptachlor	0.05	0.05 U	0.05 U
Aldrin	0.05	0.05 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.05 U
Endosulfan I	0.05	0.05 U	0.05 U
Dieldrin	0.1	0.1 U	0.1 U
4,4'-DDE	0.1	0.1 U	0.1 U
Endrin	0.1	0.1 U	0.1 U
Endosulfan II	0.1	0.1 U	0.1 U
4,4'-DDD	0.1	0.1 U	0.1 U
Endrin Aldehyde	0.1	0.1 U	0.1 U
Endosulfan Sulfate	0.1	0.1 U	0.1 U
4,4'-DDT	0.1	0.1 U	0.1 U
Methoxychlor	0.5	0.5 U	0.5 U
Endrin Ketone	0.1	0.1 U	0.1 U
alpha-Chlordane	0.05	0.05 U	0.05 U
gamma-Chlordane	0.05	0.05 U	0.05 U
Toxaphene	5	5.0 U	5.0 U
Aroclor-1016	1	1.0 U	1.0 U
Aroclor-1221	2	2.0 U	2.0 U
Aroclor-1232	1	1.0 U	1.0 U
Aroclor-1242	1	1.0 U	1.0 U
Aroclor-1248	1	1.0 U	1.0 U
Aroclor-1254	1	1.0 U	1.0 U
Aroclor-1260	1	1.0 U	1.0 U
Dilution Factor:		1.00	1.00

Associated Method Blank:	F5948	PBLK4172
Associated Equipment Blank:	-	-
Associated Field Blank:	-	-

Site: EQUIPMENT RINSATE
U: Not Detected

Table 1
Laboratory Report of Analysis

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE EXTRACTED:	07/29/93	07/25/93	07/25/93	07/25/93	07/25/93	07/25/93	07/25/93	07/25/93
DATE ANALYZED:	08/05/93	08/04/93	08/04/93	08/04/93	08/04/93	08/04/93	08/05/93	08/04/93

ANALYTE	SOW-3/90 - II CRQL								
alpha-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
beta-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.045 JP
delta-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (Lindane)	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aldrin	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan I	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan II	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Aldehyde	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Methoxychlor	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Endrin Ketone	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
alpha-Chlordane	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-Chlordane	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Toxaphene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Aroclor-1016	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank:	PBLK4175	PBLK4172	PBLK4172	PBLK4172	PBLK4172	PBLK4172	PBLK4172	PBLK4172
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated P: > 25% Difference Between Columns -: Not Detected

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Table 1
Laboratory Report of Analysis

		LOCATION:	LC-05B		MW-101		MW-102	
		ISIS ID:	GPMW05B00093XX		GPMW10100093XX		GPMW10200093XX	
		LAB NUMBER:	1752702		1752704		1752701	
		DATE SAMPLED:	07/19/93		07/19/93		07/19/93	
		DATE EXTRACTED:	07/25/93		07/25/93		07/25/93	
		DATE ANALYZED:	08/05/93		08/04/93		08/04/93	
ANALYTE	SOW-3/90 - II CRQL							
alpha-BHC	0.05		0.05	U	0.05	U	0.11	
beta-BHC	0.05		0.05	U	0.05	U	0.11	
delta-BHC	0.05		0.05	U	0.05	U	0.05	U
gamma-BHC (Lindane)	0.05		0.05	U	0.05	U	0.05	U
Heptachlor	0.05		0.05	U	0.05	U	0.05	U
Aldrin	0.05		0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	0.05		0.05	U	0.05	U	0.05	U
Endosulfan I	0.05		0.05	U	0.05	U	0.05	U
Dieldrin	0.1		0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1		0.1	U	0.1	U	0.1	U
Endrin	0.1		0.1	U	0.1	U	0.1	U
Endosulfan II	0.1		0.1	U	0.1	U	0.1	U
4,4'-DDD	0.1		0.1	U	0.1	U	0.1	U
Endrin Aldehyde	0.1		0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	0.1		0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1		0.1	U	0.1	U	0.1	U
Methoxychlor	0.5		0.5	U	0.5	U	0.5	U
Endrin Ketone	0.1		0.1	U	0.1	U	0.1	U
alpha-Chlordane	0.05		0.05	U	0.05	U	0.05	U
gamma-Chlordane	0.05		0.05	U	0.05	U	0.05	U
Toxaphene	5		5.0	U	5.0	U	5.0	U
Aroclor-1016	1		1.0	U	1.0	U	1.0	U
Aroclor-1221	2		2.0	U	2.0	U	2.0	U
Aroclor-1232	1		1.0	U	1.0	U	1.0	U
Aroclor-1242	1		1.0	U	1.0	U	1.0	U
Aroclor-1248	1		1.0	U	1.0	U	1.0	U
Aroclor-1254	1		1.0	U	1.0	U	1.0	U
Aroclor-1260	1		1.0	U	1.0	U	1.0	U
		Dilution Factor:	1.00		1.00		1.00	

Associated Method Blank:	PBLK4172	PBLK4172	PBLK4172
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated P: > 25% Difference Between Columns -: Not Detected

Table 2
Validation / Summary Table

LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
DATE EXTRACTED:	07/29/93	07/25/93	07/25/93	07/25/93	07/25/93	07/25/93	07/25/93	07/25/93
DATE ANALYZED:	08/05/93	08/04/93	08/04/93	08/04/93	08/04/93	08/04/93	08/05/93	08/04/93
ANALYTE SOW-3/90 - II CRQL								
alpha-BHC 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
beta-BHC 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.045 J
delta-BHC 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
gamma-BHC (Lindane) 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Heptachlor 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Aldrin 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Heptachlor Epoxide 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Endosulfan I 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Dieldrin 0.1	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ
4,4'-DDE 0.1	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ
Endrin 0.1	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ
Endosulfan II 0.1	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ
4,4'-DDD 0.1	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ
Endrin Aldehyde 0.1	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ
Endosulfan Sulfate 0.1	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ
4,4'-DDT 0.1	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
Methoxychlor 0.5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
Endrin Ketone 0.1	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ
alpha-Chlordane 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
gamma-Chlordane 0.05	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ
Toxaphene 5	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Aroclor-1016 1	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor-1221 2	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ
Aroclor-1232 1	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor-1242 1	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor-1248 1	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor-1254 1	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Aroclor-1260 1	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Dilution Factor:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:	PBLK4175	PBLK4172	PBLK4172	PBLK4172	PBLK4172	PBLK4172	PBLK4172	PBLK4172
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-	-	-	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated P: > 25% Difference Between Columns -: Not Detected

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Table 2
Validation / Summary Table

		LOCATION:	LC-05B		MW-101		MW-102	
		ISIS ID:	GPMW05B00093XX		GPMW10100093XX		GPMW10200093XX	
		LAB NUMBER:	1752702		1752704		1752701	
		DATE SAMPLED:	07/19/93		07/19/93		07/19/93	
		DATE EXTRACTED:	07/25/93		07/25/93		07/25/93	
		DATE ANALYZED:	08/05/93		08/04/93		08/04/93	
ANALYTE	SOW-3/90 - II CRQL							
alpha-BHC	0.05		0.05	UJ	0.05	UJ	0.11	J
beta-BHC	0.05		0.05	U	0.05	UJ	0.11	J
delta-BHC	0.05		0.05	U	0.05	UJ	0.05	UJ
gamma-BHC (Lindane)	0.05		0.05	U	0.05	UJ	0.05	UJ
Heptachlor	0.05		0.05	U	0.05	UJ	0.05	UJ
Aldrin	0.05		0.05	U	0.05	UJ	0.05	UJ
Heptachlor Epoxide	0.05		0.05	U	0.05	UJ	0.05	UJ
Endosulfan I	0.05		0.05	U	0.05	UJ	0.05	UJ
Dieldrin	0.1		0.1	U	0.1	UJ	0.1	UJ
4,4'-DDE	0.1		0.1	U	0.1	UJ	0.1	UJ
Endrin	0.1		0.1	U	0.1	UJ	0.1	UJ
Endosulfan II	0.1		0.1	U	0.1	UJ	0.1	UJ
4,4'-DDD	0.1		0.1	U	0.1	UJ	0.1	UJ
Endrin Aldehyde	0.1		0.1	U	0.1	UJ	0.1	UJ
Endosulfan Sulfate	0.1		0.1	U	0.1	UJ	0.1	UJ
4,4'-DDT	0.1		0.1	UJ	0.1	UJ	0.1	UJ
Methoxychlor	0.5		0.5	U	0.5	UJ	0.5	UJ
Endrin Ketone	0.1		0.1	U	0.1	UJ	0.1	UJ
alpha-Chlordane	0.05		0.05	U	0.05	UJ	0.05	UJ
gamma-Chlordane	0.05		0.05	U	0.05	UJ	0.05	UJ
Toxaphene	5		5.0	U	5.0	UJ	5.0	UJ
Aroclor-1016	1		1.0	U	1.0	UJ	1.0	UJ
Aroclor-1221	2		2.0	U	2.0	UJ	2.0	UJ
Aroclor-1232	1		1.0	U	1.0	UJ	1.0	UJ
Aroclor-1242	1		1.0	U	1.0	UJ	1.0	UJ
Aroclor-1248	1		1.0	U	1.0	UJ	1.0	UJ
Aroclor-1254	1		1.0	U	1.0	UJ	1.0	UJ
Aroclor-1260	1		1.0	U	1.0	UJ	1.0	UJ
		Dilution Factor:	1.00		1.00		1.00	

Associated Method Blank:	PBLK4172	PBLK4172	PBLK4172
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated P: > 25% Difference Between Columns -: Not Detected

Table 3
Summary Table

	LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
	ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
	LAB NUMBER:	1752714	1752706	1752709	1752710	1752711	1752705	1752712	1752703
	DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
	DATE EXTRACTED:	07/29/93	07/25/93	07/25/93	07/25/93	07/25/93	07/25/93	07/25/93	07/25/93
	DATE ANALYZED:	08/05/93	08/04/93	08/04/93	08/04/93	08/04/93	08/04/93	08/05/93	08/04/93
ANALYTE	SOW-3/90 - II CRQL								
alpha-BHC	0.05	-	-	-	-	-	-	-	-
beta-BHC	0.05	-	-	-	-	-	-	-	0.045 J
delta-BHC	0.05	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	0.05	-	-	-	-	-	-	-	-
Heptachlor	0.05	-	-	-	-	-	-	-	-
Aldrin	0.05	-	-	-	-	-	-	-	-
Heptachlor Epoxide	0.05	-	-	-	-	-	-	-	-
Endosulfan I	0.05	-	-	-	-	-	-	-	-
Dieldrin	0.1	-	-	-	-	-	-	-	-
4,4'-DDE	0.1	-	-	-	-	-	-	-	-
Endrin	0.1	-	-	-	-	-	-	-	-
Endosulfan II	0.1	-	-	-	-	-	-	-	-
4,4'-DDD	0.1	-	-	-	-	-	-	-	-
Endrin Aldehyde	0.1	-	-	-	-	-	-	-	-
Endosulfan Sulfate	0.1	-	-	-	-	-	-	-	-
4,4'-DDT	0.1	-	-	-	-	-	-	-	-
Methoxychlor	0.5	-	-	-	-	-	-	-	-
Endrin Ketone	0.1	-	-	-	-	-	-	-	-
alpha-Chlordane	0.05	-	-	-	-	-	-	-	-
gamma-Chlordane	0.05	-	-	-	-	-	-	-	-
Toxaphene	5	-	-	-	-	-	-	-	-
Aroclor-1016	1	-	-	-	-	-	-	-	-
Aroclor-1221	2	-	-	-	-	-	-	-	-
Aroclor-1232	1	-	-	-	-	-	-	-	-
Aroclor-1242	1	-	-	-	-	-	-	-	-
Aroclor-1248	1	-	-	-	-	-	-	-	-
Aroclor-1254	1	-	-	-	-	-	-	-	-
Aroclor-1260	1	-	-	-	-	-	-	-	-
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		PBLK4175	PBLK4172	PBLK4172	PBLK4172	PBLK4172	PBLK4172	PBLK4172	PBLK4172
Associated Equipment Blank:		GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated P: > 25% Difference Between Columns -: Not Detected

Table 3
Summary Table

LOCATION:	LC-05B	MW-101	MW-102
ISIS ID:	GPMW05B00093XX	GPMW10100093XX	GPMW10200093XX
LAB NUMBER:	1752702	1752704	1752701
DATE SAMPLED:	07/19/93	07/19/93	07/19/93
DATE EXTRACTED:	07/25/93	07/25/93	07/25/93
DATE ANALYZED:	08/05/93	08/04/93	08/04/93

ANALYTE	SOW-3/90 - II CRQL			
alpha-BHC	0.05	-	-	0.11 J
beta-BHC	0.05	-	-	0.11 J
delta-BHC	0.05	-	-	-
gamma-BHC (Lindane)	0.05	-	-	-
Heptachlor	0.05	-	-	-
Aldrin	0.05	-	-	-
Heptachlor Epoxide	0.05	-	-	-
Endosulfan I	0.05	-	-	-
Dieldrin	0.1	-	-	-
4,4'-DDE	0.1	-	-	-
Endrin	0.1	-	-	-
Endosulfan II	0.1	-	-	-
4,4'-DDD	0.1	-	-	-
Endrin Aldehyde	0.1	-	-	-
Endosulfan Sulfate	0.1	-	-	-
4,4'-DDT	0.1	-	-	-
Methoxychlor	0.5	-	-	-
Endrin Ketone	0.1	-	-	-
alpha-Chlordane	0.05	-	-	-
gamma-Chlordane	0.05	-	-	-
Toxaphene	5	-	-	-
Aroclor-1016	1	-	-	-
Aroclor-1221	2	-	-	-
Aroclor-1232	1	-	-	-
Aroclor-1242	1	-	-	-
Aroclor-1248	1	-	-	-
Aroclor-1254	1	-	-	-
Aroclor-1260	1	-	-	-
Dilution Factor:		1.00	1.00	1.00

Associated Method Blank:	PBLK4172	PBLK4172	PBLK4172
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated P: > 25% Difference Between Columns -: Not Detected

Table 1
Laboratory Report of Analysis

LOCATION: QS-2
ISIS ID: GPQS00200093XF
LAB NUMBER: D752718
DATE SAMPLED: 07/19/93

ANALYTE	SOW-3/90 - II CRDL		
Aluminum	200	52.0	U
Antimony	60	30.0	U
Arsenic	10	5.0	U
Barium	200	31.0	U
Beryllium	5	1.0	U
Cadmium	5	4.6	B
Calcium	5000	786	U
Chromium	10	7.0	U
Cobalt	50	9.0	U
Copper	25	12.0	U
Iron	100	17.0	U
Lead	3	3.0	U
Magnesium	5000	1120	U
Manganese	15	2.0	U
Mercury	0.2	0.20	U
Nickel	40	22.0	U
Potassium	5000	2520	U
Selenium	5	50.0	UN
Silver	10	7.1	BN
Sodium	5000	1280	U
Thallium	10	5.0	UWN
Vanadium	50	10.0	U
Zinc	20	8.0	U
Cyanide	10	10.0	U

Associated Method Blank: PBW527
Associated Equipment Blank: -
Associated Field Blank: -

Site: EQUIPMENT RINSATE
U: Not Detected N: Spike Recovery Not Met B: Less Than CRDL
W: Post Digestion Spike Not Met

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Table 1
Laboratory Report of Analysis

LOCATION:	OW-49 DUP		OW-49		LC-5A		LC-5B		MW-101		MW-102	
ISIS ID:	GPMW04900093DF		GPMW04900093XF		GPMW05A00093XF		GPMW05B00093XF		GPMW10100093XF		GPMW10200093XF	
LAB NUMBER:	D752725		D752722		D752720		D752717		D752719		D752716	
DATE SAMPLED:	07/20/93		07/20/93		07/19/93		07/19/93		07/19/93		07/19/93	
ANALYTE SOW-3/90 - II CRDL												
Aluminum 200	52.0	U	52.0	U	52.0	U	52.0	U	52.0	U	52.0	U
Antimony 60	54.6	B	108		32.2	B	30.0	U	30.0	U	93.6	
Arsenic 10	5.0	U	5.0	U	5.0	U	5.0	UW	5.0	U	5.0	U
Barium 200	202		134	B	101	B	31.0	U	816		42.6	B
Beryllium 5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cadmium 5	4.0	U	4.0	U	7.6		4.0	U	4.0	U	5.7	
Calcium 5000	508000		494000		270000		505000		274000		573000	
Chromium 10	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U
Cobalt 50	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U	34.9	B
Copper 25	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U
Iron 100	9190		14200		7290		17.0	U	45700		5510	
Lead 3	30.0	U	30.0	U	3.0	UW	3.0	U	3.0	U	3.0	U
Magnesium 5000	181000		177000		55900		173000		58300		94800	
Manganese 15	460		490		470		21.1		988		5050	
Mercury 0.2	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel 40	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U	30.9	B
Potassium 5000	315000		257000		21200		13500		14900		52100	
Selenium 5	50.0	UN	50.0	UN	50.0	UN	50.0	UN	50.0	UN	50.0	UN
Silver 10	6.0	UN	9.7	BN	6.0	UN	6.0	UN	6.0	UN	6.0	UN
Sodium 5000	267000		222000		147000		323000		68800		188000	
Thallium 10	25.0	U	25.0	U	5.0	UW	5.0	UW	5.0	UW	5.0	UW
Vanadium 50	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Zinc 20	8.0	U	8.0	U	8.0	U	8.0	U	8.0	U	2160	
Cyanide 10	10.0		10.0		10.0	U	10.0	U	10.0	U	10.0	U
Associated Method Blank:	PBW527		PBW527		PBW527		PBW527		PBW527		PBW527	
Associated Equipment Blank:	GPQS00200093XF		GPQS00200093XF		GPQS00200093XF		GPQS00200093XF		GPQS00200093XF		GPQS00200093XF	
Associated Field Blank:	-		-		-		-		-		-	

Site: MONITORING WELL
U: Not Detected J: Estimated B: Less than CRDL N: Spike Recovery Not Met
W: Post Digestion Spike Not Met R: Unusable -: Not Detected

Table 2
Validation / Summary Table

LOCATION:	OW-49 DUP		OW-49		LC-5A		LC-5B		MW-101		MW-102	
ISIS ID:	GPMW04900093DF		GPMW04900093XF		GPMW05A00093XF		GPMW05B00093XF		GPMW10100093XF		GPMW10200093XF	
LAB NUMBER:	D752725		D752722		D752720		D752717		D752719		D752716	
DATE SAMPLED:	07/20/93		07/20/93		07/19/93		07/19/93		07/19/93		07/19/93	
ANALYTE SOW-3/90 - II CRDL												
Aluminum 200	52.0	U	52.0	U	52.0	U	52.0	U	52.0	U	52.0	U
Antimony 60	54.6	J	108		32.2	J	30.0	U	30.0	U	93.6	
Arsenic 10	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Barium 200	202	J	134	J	101	J	31.0	U	816		42.6	J
Beryllium 5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cadmium 5	4.0	U	4.0	U	7.6		4.0	U	4.0	U	5.7	
Calcium 5000	508000	J	494000		270000		505000		274000		573000	
Chromium 10	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U
Cobalt 50	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U	34.9	J
Copper 25	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U
Iron 100	9190		14200	R	7290		17.0	U	45700		5510	
Lead 3	30.0	U	30.0	U	3.0	UJ	3.0	U	3.0	U	3.0	U
Magnesium 5000	181000		177000		55900		173000		58300		94800	
Manganese 15	460		490	J	470		21.1		988		5050	
Mercury 0.2	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel 40	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U	30.9	J
Potassium 5000	315000	J	257000		21200		13500		14900		52100	
Selenium 5	50.0	UR	50.0	UR	50.0	UR	50.0	UR	50.0	UR	50.0	UR
Silver 10	6.0	UJ	9.7	J	6.0	UJ	6.0	UJ	6.0	UJ	6.0	UJ
Sodium 5000	267000	J	222000		147000		323000		68800		188000	
Thallium 10	25.0	U	25.0	U	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ
Vanadium 50	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Zinc 20	8.0	U	8.0	U	8.0	U	8.0	U	8.0	U	2160	
Cyanide 10	10.0		10.0		10.0	U	10.0	U	10.0	U	10.0	U
Associated Method Blank:	PBW527		PBW527		PBW527		PBW527		PBW527		PBW527	
Associated Equipment Blank:	GPQS00200093XF		GPQS00200093XF		GPQS00200093XF		GPQS00200093XF		GPQS00200093XF		GPQS00200093XF	
Associated Field Blank:	-		-		-		-		-		-	

Site: MONITORING WELL
U: Not Detected J: Estimated B: Less than CRDL N: Spike Recovery Not Met
W: Post Digestion Spike Not Met R: Unusable -: Not Detected

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Table 3
Summary Table

LOCATION:	OW-49 DUP	OW-49	LC-5A	LC-5B	MW-101	MW-102
ISIS ID:	GPMW04900093DF	GPMW04900093XF	GPMW05A00093XF	GPMW05B00093XF	GPMW10100093XF	GPMW10200093XF
LAB NUMBER:	D752725	D752722	D752720	D752717	D752719	D752716
DATE SAMPLED:	07/20/93	07/20/93	07/19/93	07/19/93	07/19/93	07/19/93

ANALYTE	SOW-3/90 - II CRDL											
Aluminum	200	-		-		-		-		-		-	
Antimony	60	54.6	J	108		32.2	J	-		-		93.6	
Arsenic	10	-		-		-		-		-		-	
Barium	200	202	J	134	J	101	J	-		816		42.6	J
Beryllium	5	-		-		-		-		-		-	
Cadmium	5	-		-		7.6		-		-		5.7	
Calcium	5000	508000	J	494000		270000		505000		274000		573000	
Chromium	10	-		-		-		-		-		-	
Cobalt	50	-		-		-		-		-		34.9	J
Copper	25	-		-		-		-		-		-	
Iron	100	9190			R	7290		-		45700		5510	
Lead	3	-		-		-		-		-		-	
Magnesium	5000	181000		177000		55900		173000		58300		94800	
Manganese	15	460		490	J	470		21.1		988		5050	
Mercury	0.2	-		-		-		-		-		-	
Nickel	40	-		-		-		-		-		30.9	J
Potassium	5000	315000	J	257000		21200		13500		14900		52100	
Selenium	5		R		R		R		R		R		R
Silver	10	-		9.7	J	-		-		-		-	
Sodium	5000	267000	J	222000		147000		323000		68800		188000	
Thallium	10	-		-		-		-		-		-	
Vanadium	50	-		-		-		-		-		-	
Zinc	20	-		-		-		-		-		2160	
Cyanide	10	10.0		10.0		-		-		-		-	

Associated Method Blank:	PBW527	PBW527	PBW527	PBW527	PBW527	PBW527
Associated Equipment Blank:	GPQS00200093XF	GPQS00200093XF	GPQS00200093XF	GPQS00200093XF	GPQS00200093XF	GPQS00200093XF
Associated Field Blank:	-	-	-	-	-	-

Site: MONITORING WELL
U: Not Detected J: Estimated B: Less than CRDL N: Spike Recovery Not Met
W: Post Digestion Spike Not Met R: Unusable -: Not Detected

Table 1
Laboratory Report of Analysis

LOCATION:		QS-1	QS-2
ISIS ID:		GPQS00100092XX	GPQS00200093XX
LAB NUMBER:		731413	752713
DATE SAMPLED:		06/30/93	07/19/93
ANALYTE	SOW-3/90 - II CRDL		
Aluminum	200	51.5 U	113 B
Antimony	60	33.5 B	40.4 B
Arsenic	10	5.0 U	5.0 U
Barium	200	31.2 U	31.0 U
Beryllium	5	1.0 U	1.0 U
Cadmium	5	4.1 U	4.0 U
Calcium	5000	786 U	786 U
Chromium	10	7.0 U	7.0 U
Cobalt	50	9.4 U	9.0 U
Copper	25	12.1 U	12.0 U
Iron	100	16.7 U	70.7 B
Lead	3	3.0 U	3.0 U
Magnesium	5000	1120 U	1120 U
Manganese	15	2.2 U	2.0 U
Mercury	0.2	0.20 U	0.20 U
Nickel	40	22.4 U	22.0 U
Potassium	5000	2530 U	2520 U
Selenium	5	5.0 U	50.0 UN
Silver	10	5.8 U	7.1 BN
Sodium	5000	1280 U	1280 U
Thallium	10	5.0 U	5.0 UN
Vanadium	50	10.2 U	10.0 U
Zinc	20	7.8 U	16.7 B
Cyanide	10	10.0 U	10.0 UN

Associated Method Blank:	-	PBW527
Associated Equipment Blank:	-	-
Associated Field Blank:	-	-

Site: EQUIPMENT RINSATE
B: Less Than CRDL U: Not Detected N: Spike Recovery Not Met

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Table 1
Laboratory Report of Analysis

LOCATION:	OW-49 DUP		OW-49		OW-50		OW-54		OW-55		OW-56		OW-57		LC-05A	
ISIS ID:	GPMW04900093XD		GPMW04900093XX		GPMW05000093XX		GPMW05400093XX		GPMW05500093XX		GPMW05600093XX		GPMW05700093XX		GPMW05A00093XX	
LAB NUMBER:	752714		752706		752709		752710		752711		752705		752712		752703	
DATE SAMPLED:	07/20/93		07/20/93		07/20/93		07/20/93		07/20/93		07/20/93		07/20/93		07/19/93	
ANALYTE SOW-3/90 - II CRDL																
Aluminum 200	103	B	52.0	U	175	B	121	B	128	B	141	B	194	B	60.3	B
Antimony 60	85.7		107		80.2		88.6		30.0	U	40.0	B	64.6		30.0	U
Arsenic 10	5.0	U	5.0	UW	20.0	U	5.0	UW	5.0	UW	5.0	U	5.0	U	5.9	BW
Barium 200	136	B	186	B	97.4	B	493		437		499		500		111	B
Beryllium 5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cadmium 5	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Calcium 5000	421000		452000		478000		305000		292000		261000		211000		305000	
Chromium 10	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U
Cobalt 50	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U
Copper 25	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U
Iron 100	11200		8200		42900		11200		30800		17700		62100		13200	
Lead 3	30.0	U	15.0	U	3.0	UW	3.0	U	3.0	UW	15.9		3.0	UW	3.0	UW
Magnesium 5000	173000		191000		138000		63100		67100		61000		71000		52300	
Manganese 15	435		421		342		673		560		611		555		528	
Mercury 0.2	0.20	U	0.20	U	0.53		0.20	U	0.20	U	0.21		0.20	U	0.20	U
Nickel 40	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U
Potassium 5000	252000		288000		1130000		34800		64600		24600		21500		17200	
Selenium 5	50.0	UWN	50.0	UWN	50.0	UWN	5.0	UWN	50.0	UN	50.0	UN	5.0	UWN	50.0	UWN
Silver 10	6.0	UN	6.1	BN	6.0	UN	6.0	UN	6.0	UN	6.0	UN	6.0	UN	6.0	UN
Sodium 5000	218000		262000		2730000		80500		84100		101000		121000		127000	
Thallium 10	5.0	UWN	5.0	UWN	50.0	UWN	5.0	UWN	5.0	UWN	5.0	UWN	5.0	UWN	5.0	UWN
Vanadium 50	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Zinc 20	8.0	U	8.0	U	8.0	U	8.0	U	8.0	U	205		8.0	U	8.0	U
Cyanide 10	10.0	N	10.0	UN	10.0	N	10.0	UN	10.0	UN	10.0	UN	10.0	UN	10.0	UN
Associated Method Blank:	PBW527		PBW527		PBW527		PBW527		PBW527		PBW527		PBW527		PBW527	
Associated Equipment Blank:	GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX	
Associated Field Blank:	-		-		-		-		-		-		-		-	

Site: MONITORING WELL
U: Not Detected B: Less than CRDL N: Spike Recovery Not Met
W: Post Digestion Spike Not Met R: Unusable J: Estimated -: Not Detected

Table 1
Laboratory Report of Analysis

		LOCATION:	LC-05B		MW-101		MW-102	
		ISIS ID:	GPMW05B00093XX		GPMW10100093XX		GPMW10200093XX	
		LAB NUMBER:	752702		752704		752701	
		DATE SAMPLED:	07/19/93		07/19/93		07/19/93	
ANALYTE	SOW-3/90 - II	CRDL						
Aluminum		200	60.4	B	52.0	U	518	
Antimony		60	57.9	B	30.0	U	96.0	
Arsenic		10	5.0	UW	5.0	U	5.0	UW
Barium		200	31.0	U	733		60.9	B
Beryllium		5	1.0	U	1.0	U	1.0	U
Cadmium		5	4.0	U	4.0	U	4.0	U
Calcium		5000	476000		246000		570000	
Chromium		10	7.0	U	7.0	U	7.0	U
Cobalt		50	9.0	U	9.0	U	33.3	B
Copper		25	12.0	U	12.0	U	14.0	B
Iron		100	17.0	U	41800		6850	
Lead		3	15.0	U	3.0	UW	15.0	U
Magnesium		5000	162000		55000		97500	
Manganese		15	22.0		903		4690	
Mercury		0.2	0.20	U	0.20	U	0.30	
Nickel		40	22.0	U	22.0	U	22.0	U
Potassium		5000	12900		16800		50700	
Selenium		5	50.0	UWN	50.0	UN	50.0	UWN
Silver		10	6.0	UN	6.0	UN	6.0	UN
Sodium		5000	301000		63300		187000	
Thallium		10	5.0	UWN	5.0	UWN	5.0	UWN
Vanadium		50	10.0	U	10.0	U	10.0	U
Zinc		20	8.0	U	13.8	B	1880	
Cyanide		10	10.0	UN	10.0	UN	10.0	UN

Associated Method Blank:	PBW527	PBW527	PBW527
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-

Site: MONITORING WELL
U: Not Detected B: Less than CRDL N: Spike Recovery Not Met
W: Post Digestion Spike Not Met R: Unusable J: Estimated -: Not Detected

PROJECT: NYSDEC PSA-4 Griffon Park

Inorganic Aqueous Analysis (ug/L)

09/15/93

Table 2
Validation / Summary Table

		LOCATION:	OW-49 DUP		OW-49		OW-50		OW-54		OW-55		OW-56		OW-57		LC-05A	
		ISIS ID:	GPMW04900093XD		GPMW04900093XX		GPMW05000093XX		GPMW05400093XX		GPMW05500093XX		GPMW05600093XX		GPMW05700093XX		GPMW05A00093XX	
		LAB NUMBER:	752714		752706		752709		752710		752711		752705		752712		752703	
		DATE SAMPLED:	07/20/93		07/20/93		07/20/93		07/20/93		07/20/93		07/20/93		07/20/93		07/19/93	
ANALYTE	SOW-3/90 - II	CRDL																
Aluminum		200	103	J	52.0	U	175	J	121	J	128	J	141	J	194	J	60.3	J
Antimony		60	85.7		107		80.2		88.6		30.0	U	40.0	J	64.6		30.0	U
Arsenic		10	5.0	U	5.0	UJ	20.0	U	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.9	J
Barium		200	136	J	186	J	97.4	J	493		437		499		500		111	J
Beryllium		5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cadmium		5	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Calcium		5000	421000	J	452000		478000		305000		292000		261000		211000		305000	
Chromium		10	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U
Cobalt		50	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U	9.0	U
Copper		25	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U	12.0	U
Iron		100	11200		8200	R	42900		11200		30800		17700		62100		13200	
Lead		3	30.0	U	15.0	U	3.0	UJ	3.0	U	3.0	U	15.9		3.0	U	3.0	UJ
Magnesium		5000	173000		191000		138000		63100		67100		61000		71000		52300	
Manganese		15	435		421	J	342		673		560		611		555		528	
Mercury		0.2	0.20	U	0.20	U	0.53		0.20	U	0.20	U	0.21		0.20	U	0.20	U
Nickel		40	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U	22.0	U
Potassium		5000	252000	J	288000		1130000		34800		64600		24600		21500		17200	
Selenium		5	50.0	UR	50.0	UR	50.0	UR	5.0	UR	50.0	UR	50.0	UR	5.0	UR	50.0	UR
Silver		10	6.0	UJ	6.1	J	6.0	UJ	6.0	UJ	6.0	UJ	6.0	UJ	6.0	UJ	6.0	UJ
Sodium		5000	218000	J	262000		2730000		80500		84100		101000		121000		127000	
Thallium		10	5.0	UJ	5.0	UJ	50.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ
Vanadium		50	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Zinc		20	8.0	U	8.0	U	8.0	U	8.0	U	8.0	U	205		8.0	U	8.0	U
Cyanide		10	10.0	J	10.0	U	10.0	J	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Associated Method Blank:			PBW527		PBW527		PBW527		PBW527		PBW527		PBW527		PBW527		PBW527	
Associated Equipment Blank:			GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX		GPQS00200093XX	
Associated Field Blank:			-		-		-		-		-		-		-		-	

Site: MONITORING WELL
U: Not Detected B: Less than CRDL N: Spike Recovery Not Met
W: Post Digestion Spike Not Met R: Unusable J: Estimated -: Not Detected

3

Table 2
Validation / Summary Table

LOCATION:	LC-05B		MW-101		MW-102	
ISIS ID:	GPMW05B00093XX		GPMW10100093XX		GPMW10200093XX	
LAB NUMBER:	752702		752704		752701	
DATE SAMPLED:	07/19/93		07/19/93		07/19/93	
ANALYTE — SOW-3/90 - II CRDL						
Aluminum 200	60.4	J	52.0	U	518	
Antimony 60	57.9	J	30.0	U	96.0	
Arsenic 10	5.0	UJ	5.0	U	5.0	UJ
Barium 200	31.0	U	733		60.9	J
Beryllium 5	1.0	U	1.0	U	1.0	U
Cadmium 5	4.0	U	4.0	U	4.0	U
Calcium 5000	476000		246000		570000	
Chromium 10	7.0	U	7.0	U	7.0	U
Cobalt 50	9.0	U	9.0	U	33.3	J
Copper 25	12.0	U	12.0	U	14.0	J
Iron 100	17.0	U	41800		6850	
Lead 3	15.0	U	3.0	U	15.0	U
Magnesium 5000	162000		55000		97500	
Manganese 15	22.0		903		4690	
Mercury 0.2	0.20	U	0.20	U	0.30	
Nickel 40	22.0	U	22.0	U	22.0	U
Potassium 5000	12900		16800		50700	
Selenium 5	50.0	UR	50.0	UR	50.0	UR
Silver 10	6.0	UJ	6.0	UJ	6.0	UJ
Sodium 5000	301000		63300		187000	
Thallium 10	5.0	UJ	5.0	UJ	5.0	UJ
Vanadium 50	10.0	U	10.0	U	10.0	U
Zinc 20	8.0	U	13.8	J	1880	
Cyanide 10	10.0	U	10.0	U	10.0	U

Associated Method Blank:	PBW527	PBW527	PBW527
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-

Site: MONITORING WELL
U: Not Detected B: Less than CRDL N: Spike Recovery Not Met
W: Post Digestion Spike Not Met R: Unusable J: Estimated -: Not Detected

PROJECT: NYSDEC PSA-4 Griffon Park

Inorganic Aqueous Analysis (ug/L)

09/15/93

Table 3
Summary Table

		LOCATION:	OW-49 DUP	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A
		ISIS ID:	GPMW04900093XD	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX
		LAB NUMBER:	752714	752706	752709	752710	752711	752705	752712	752703
		DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93
ANALYTE	SOW-3/90 - II	CRDL								
Aluminum		200	103 J	-	175 J	121 J	128 J	141 J	194 J	60.3 J
Antimony		60	85.7	107	80.2	88.6	-	40.0 J	64.6	-
Arsenic		10	-	-	-	-	-	-	-	5.9 J
Barium		200	136 J	186 J	97.4 J	493	437	499	500	111 J
Beryllium		5	-	-	-	-	-	-	-	-
Cadmium		5	-	-	-	-	-	-	-	-
Calcium		5000	421000 J	452000	478000	305000	292000	261000	211000	305000
Chromium		10	-	-	-	-	-	-	-	-
Cobalt		50	-	-	-	-	-	-	-	-
Copper		25	-	-	-	-	-	-	-	-
Iron		100	11200	R	42900	11200	30800	17700	62100	13200
Lead		3	-	-	-	-	-	15.9	-	-
Magnesium		5000	173000	191000	138000	63100	67100	61000	71000	52300
Manganese		15	435	421 J	342	673	560	611	555	528
Mercury		0.2	-	-	0.53	-	-	0.21	-	-
Nickel		40	-	-	-	-	-	-	-	-
Potassium		5000	252000 J	288000	1130000	34800	64600	24600	21500	17200
Selenium		5	R	R	R	R	R	R	R	R
Silver		10	-	6.1 J	-	-	-	-	-	-
Sodium		5000	218000 J	262000	2730000	80500	84100	101000	121000	127000
Thallium		10	-	-	-	-	-	-	-	-
Vanadium		50	-	-	-	-	-	-	-	-
Zinc		20	-	-	-	-	-	205	-	-
Cyanide		10	10.0 J	-	10.0 J	-	-	-	-	-
Associated Method Blank:			PBW527	PBW527	PBW527	PBW527	PBW527	PBW527	PBW527	PBW527
Associated Equipment Blank:			GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:			-	-	-	-	-	-	-	-

Site: MONITORING WELL
U: Not Detected B: Less than CRDL N: Spike Recovery Not Met
W: Post Digestion Spike Not Met R: Unusable J: Estimated -: Not Detected

Table 3
Summary Table

LOCATION:	LC-05B	MW-101	MW-102
ISIS ID:	GPMW05B00093XX	GPMW10100093XX	GPMW10200093XX
LAB NUMBER:	752702	752704	752701
DATE SAMPLED:	07/19/93	07/19/93	07/19/93

ANALYTE	SOW-3/90 - II CRDL			
Aluminum	200	60.4 J	-	518
Antimony	60	57.9 J	-	96.0
Arsenic	10	-	-	-
Barium	200	-	733	60.9 J
Beryllium	5	-	-	-
Cadmium	5	-	-	-
Calcium	5000	476000	246000	570000
Chromium	10	-	-	-
Cobalt	50	-	-	33.3 J
Copper	25	-	-	14.0 J
Iron	100	-	41800	6850
Lead	3	-	-	-
Magnesium	5000	162000	55000	97500
Manganese	15	22.0	903	4690
Mercury	0.2	-	-	0.30
Nickel	40	-	-	-
Potassium	5000	12900	16800	50700
Selenium	5	R	R	R
Silver	10	-	-	-
Sodium	5000	301000	63300	187000
Thallium	10	-	-	-
Vanadium	50	-	-	-
Zinc	20	-	13.8 J	1880
Cyanide	10	-	-	-

Associated Method Blank:	PBW527	PBW527	PBW527
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-	-

Site: MONITORING WELL
U: Not Detected B: Less than CRDL N: Spike Recovery Not Met
W: Post Digestion Spike Not Met R: Unusable J: Estimated -: Not Detected

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
FOR NYSDEC PSA-4 Griffon Park; FILE: 7092-102
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

GPMW04900093XD	GPMW05B00093XX	GPQT00200093XX
GPMW05600093XX	GPMW10100093XX	
GPMW05700093XX	GPMW10200093XX	
GPMW05A00093XX	GPQS00200093XX	

SEMIVOLATILE

	GPMW04900093XX	GPMW05400093XX	GPMW05700093XX	GPMW05B00093XX
Unknown Acid	3 J	3 J	2 J	13 J
Unknown Alkane		20 J(2)		

	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX
Ethylmethylbenzene Isomer	28 J	8 J		
Trimethylbenzene Isomer	54 J			
Unknown Alkane	120 J(3)	5 J		
Substituted Benzene	40 J(2)	7 J		
Unknown Aromatic	19 J		6 J	
Methylnaphthalene Isomer			13 J	22 J(2)
Diethylbenzene Isomer			9 J	

	GPMW05B00093XXRE	GPMW10100093XX	GPQS00200093XX
Ethylmethylbenzene Isomer	29 J(4)		8 J
Trimethylbenzene Isomer		3 J	
Unknown Alkane			9 J
Substituted Benzene			13 J

NO SEMIVOLATILE TICs WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

GPMW04900093XD	GPMW05600093XX
GPMW05000093XX	GPMW05A00093XX
GPMW05500093XX	GPMW10200093XX

Data Qualifiers: J: Estimated

Table 1
Laboratory Report of Analysis

LOCATION: QS-2
ISIS ID: GPQS00200093XX
LAB NUMBER: 1752713
DATE SAMPLED: 07/19/93

ANALYTE	RL	
Total Suspended Solids	1	1 U

Associated Method Blank: MBTSS17527
Associated Equipment Blank: -
Associated Field Blank: -

Site: EQUIPMENT RINSATE
U: Not Detected

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PROJECT: NYSDEC PSA-4 Griffon Park

Miscellaneous Aqueous Analysis (mg/L)

15-Sep-93

Table 1
Laboratory Report of Analysis

	LOCATION:	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A	LC-05B
	ISIS ID:	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX	GPMW05B00093XX
	LAB NUMBER:	1752706	1752709	1752710	1752711	1752705	1752712	1752703	1752702
	DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93	07/19/93
ANALYTE	RL								
Total Suspended Solids	1	50	176	44	89	64	172	42	8
Associated Method Blank:		MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527
Associated Equipment Blank:		GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL

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Table 1
Laboratory Report of Analysis

	LOCATION:	MW-101	MW-102
	ISIS ID:	GPMW10100093XX	GPMW10200093XX
	LAB NUMBER:	1752704	1752701
	DATE SAMPLED:	07/19/93	07/19/93
ANALYTE	RL		
Total Suspended Solids	1	114	21

Associated Method Blank:	MBTSS17527	MBTSS17527
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-

Site: MONITORING WELL

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PROJECT: NYSDEC PSA-4 Griffon Park

Miscellaneous Aqueous Analysis (mg/L)

15-Sep-93

Table 2
Validation / Summary Table

	LOCATION:	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A	LC-05B
	ISIS ID:	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX	GPMW05B00093XX
	LAB NUMBER:	1752706	1752709	1752710	1752711	1752705	1752712	1752703	1752702
	DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93	07/19/93
ANALYTE	RL								
Total Suspended Solids	1	50	176	44	89	64	172	42	8
Associated Method Blank:		MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527
Associated Equipment Blank:		GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL

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Table 2
Validation / Summary Table

	LOCATION:	MW-101	MW-102
	ISIS ID:	GPMW10100093XX	GPMW10200093XX
	LAB NUMBER:	1752704	1752701
	DATE SAMPLED:	07/19/93	07/19/93
ANALYTE	RL		
Total Suspended Solids	1	114	21
Associated Method Blank:		MBTSS17527	MBTSS17527
Associated Equipment Blank:		GPQS00200093XX	GPQS00200093XX
Associated Field Blank:		-	-

Site: MONITORING WELL

Table 3
Summary Table

	LOCATION:	OW-49	OW-50	OW-54	OW-55	OW-56	OW-57	LC-05A	LC-05B
	ISIS ID:	GPMW04900093XX	GPMW05000093XX	GPMW05400093XX	GPMW05500093XX	GPMW05600093XX	GPMW05700093XX	GPMW05A00093XX	GPMW05B00093XX
	LAB NUMBER:	1752706	1752709	1752710	1752711	1752705	1752712	1752703	1752702
	DATE SAMPLED:	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/20/93	07/19/93	07/19/93
ANALYTE	RL								
Total Suspended Solids	1	50	176	44	89	64	172	42	8
Associated Method Blank:		MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527	MBTSS17527
Associated Equipment Blank:		GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: MONITORING WELL

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Table 3
Summary Table

	LOCATION:	MW-101	MW-102
	ISIS ID:	GPMW10100093XX	GPMW10200093XX
	LAB NUMBER:	1752704	1752701
	DATE SAMPLED:	07/19/93	07/19/93
ANALYTE	RL		
Total Suspended Solids	1	114	21

Associated Method Blank:	MBTSS17527	MBTSS17527
Associated Equipment Blank:	GPQS00200093XX	GPQS00200093XX
Associated Field Blank:	-	-

Site: MONITORING WELL

4 co

SITE PLAN AND SAMPLE LOCATIONS

SECTION 4.0

SECTION 4.0

SURVEY CONTROL REPORT

New York State Department of Environmental Conservation

SUPERFUND STANDBY CONTRACT
Task Order Memorandum 'NE326010'

GRIFFON PARK SITE

CONTROL REPORT

AUGUST 1993

OM P. POPLI, P.E., L.S., P.C.
Consulting Engineers & Surveyors
44 Saginaw Drive
Rochester, NY 14623
(716) 442-6940

SAMPLE LOCATION SUMMARY

TEST BORINGS	NORTHING	EASTING	ELEVATION	
GP TB-103	1120781.75	401352.69	573.6	GRD.
GP TB-104	1120617.77	401494.15	573.1	GRD.
GP TB-105	1120561.75	401645.00	572.6	GRD.
GP TB-106	1120653.44	401387.56	573.1	GRD.
GP TB-107	1120397.62	401514.83	573.2	GRD
GP TB-108	1120173.59	401567.17	571.8	GRD.
MONITORING WELLS				
GP LC-5A	1120657.23	401456.54	573.2	GRD.
			573.21	CAS.
			572.77	RISER
GP LC-5B	1120646.23	401454.76	573.1	GRD.
			573.12	CAS.
			572.88	RISER
GP MW-101	1120578.33	401287.74	572.1	GRD.
			572.13	CAS.
			571.93	RISER

SAMPLE LOCATION SUMMARY (cont'd)

MONITORING WELLLS	NORTHING	EASTING	ELEVATION	
GP MW-102	1120776.60	401663.37	572.6	GRD.
			572.62	CAS.
			572.35	RISER
GP OW-49	1120228.08	401694.41	572.3	GRD.
			572.30	CAS.
			572.13	RISER
GP OW-50	1120223.29	401693.13	572.3	GRD.
			572.32	CAS.
			572.12	RISER
GP OW-51	1119936.60	401721.46	571.9	GRD.
			572.01	CAS.
			571.53	RISER
GP OW-52	1119936.91	401726.28	572.0	GRD.
			572.2	CAS.
			571.81	RISER
GP OW-53	1120008.02	401595.57	571.5	GRD.
			571.54	CAS.
			- LOCKED -	RISER

SAMPLE LOCATION SUMMARY (cont'd)

TEST BORINGS	NORTHING	EASTING	ELEVATION	
* GP OW-54	1120096.06	401540.96	571.0	GRD.
			570.97	CAS.
			570.67	RISER
* GP OW-55	1120091.35	401543.75	571.1	GRD.
			571.20	CAS.
			570.86	RISER
GP OW-56	1120456.42	401381.86	573.1	GRD.
			573.09	CAS.
			572.98	RISER
GP OW-57	1120450.40	401381.86	572.9	GRD.
			572.87	CAS.
			572.61	RISER

* Labled as-per Figure 4-1, Not field notation.

JOB Name : GRIFCTRL

Point	Northing	Easting	Elevation	Description
1	1121666.3200	400019.0860	588.7100	CP 1/SMC 33
2	1120471.3120	402920.3830	589.8000	CP 2/SMC 36
3	1120307.5813	402607.0243	~~574.4150~~	CP 3
4	1120891.5212	401600.6327	~~573.1965~~	CP 4 573.76
5	1120082.2406	401639.9530	~~571.9989~~	CP 5 571.99
6	1120594.9735	401324.4359	~~572.2314~~	CP 6 573.37
7	1121100.2706	401114.7191	~~571.9290~~	CP 7 573.18

RAWDATA FILE

```
JOB: GRIFCTRL Date 07-21-1993 Time 14:30:40
Mode setup:North Azm,Dist ft,scale 1.000000, Earth crv OFF,offset 0.000
Store :Pt 1 N 1121666.3200 E 400019.0860, Elv 588.7100, CP 1/SMC 33
Store :Pt 2 N 1120471.3120 E 402920.3830, Elv 589.8000, CP 2/SMC 36
Occupy:Pt 2 N 1120471.3120 E 402920.3830, Elv 589.8000, CP 2/SMC 36
Backsight:2-1, BS azm 292.2310, BS cir 0.0000
Traverse: 2-3 Ang-Rt 310.0136 Zen 92.2930 SlpD 353.890 ,CP 3
Traverse: 3-4 Ang-Rt 237.4239 Zen 90.0336 SlpD 1163.534 ,CP 4
Traverse: 4-5 Ang-Rt 57.0541 Zen 90.0854 SlpD 810.238 ,CP 5
Traverse: 5-6 Ang-Rt 331.1030 Zen 89.5332 SlpD 602.036 ,CP 6
Traverse: 6-7 Ang-Rt 189.0359 Zen 90.0154 SlpD 547.089 ,CP 7
Traverse: 7-8 Ang-Rt 139.5200 Zen 89.1457 SlpD 1233.544 ,CP 1
Traverse: 8-9 Ang-Rt 355.0346 Zen 89.5954 SlpD 3137.996 ,CP 2
```

JOB Name : GRIFLOCS

Point	Northing	Easting	Elevation	Description
1	1121666.3200	400019.0860	588.7100	CP 1
4	1120891.5210	401600.6327	573.2000	CP 4
5	1120082.2400	401639.9530	571.9900	CP 5
6	1120594.9740	401324.4359	573.3700	CP 6
7	1121100.2710	401114.7191	573.1800	CP 7
20	1120082.2284	401639.9536	571.9388	CHK TO CP 5
21	1121009.3732	401353.9388	573.3542	EP
22	1120962.0986	401457.2636	573.6981	EP
23	1120928.4377	401526.3622	573.7636	EP@ED GRAVEL DR
24	1120901.0089	401541.0762	572.8418	ED GRAVEL DR
25	1120868.4612	401549.3343	572.6889	ED GRAVEL DR
26	1120758.9944	401527.7805	572.3983	ED GRAVEL DR
27	1120668.7364	401513.7874	572.2546	ED GRAVEL DR
28	1120616.8945	401514.9030	572.6557	ED GRAVEL DR
29	1120569.9619	401531.4515	572.6348	ED GRAVEL DR
30	1120573.3854	401540.2421	572.6194	ED GRAVEL DR
31	1120615.7404	401525.7132	572.5404	ED GRAVEL DR
32	1120667.2458	401524.2321	572.0299	ED GRAVEL DR
33	1120754.9833	401538.6388	572.5825	ED GRAVEL DR
34	1120863.8731	401562.9234	572.6659	ED GRAVEL DR
35	1120886.6630	401584.0248	573.3216	ED GRAVEL DR
36	1120886.6750	401607.6299	573.6877	ED GRAVEL DDR@EP
37	1120799.2934	401763.4673	573.4712	EP
38	1120726.9785	401888.1142	573.7424	EP
39	1120752.4136	401902.6567	573.6734	EP
40	1120824.6919	401778.0209	573.5241	EP
41	1120907.9497	401631.1249	573.5682	EP
42	1120965.2161	401518.5655	573.7620	EP
43	1121027.6378	401385.8298	573.4338	EP
44	1120941.5577	401320.0602	574.6918	CONC POST LINE
45	1120968.9248	401349.5742	573.8025	CONC POST LINE
46	1120875.4619	401544.4181	572.6786	CONC POST LINE
47	1120759.9411	401521.9460	572.5983	CONC POST LINE
48	1120845.4979	401597.3619	572.6832	SIGN POST(2)
49	1120851.4344	401628.1045	572.0162	BM 1/HYD
50	1120821.1495	401634.5405	573.1520	40"POPLAR
51	1120776.5997	401663.3721	572.6074	MW 102
52	1120741.8291	401642.5071	573.3918	15"HICKORY
53	1120741.6807	401703.5443	573.0442	48"HICKORY
54	1120693.7010	401720.2243	573.8212	24"HICKORY
55	1120724.5648	401738.7425	572.8409	24"2-BOLE LOCUST
56	1120739.5840	401746.8958	573.0455	10"LOCUST
57	1120791.0487	401729.2081	572.8928	SW-13
58	1120792.7843	401760.9908	573.1935	MON-MC&MC LNDFIL
59	1120767.7345	401768.0018	572.2291	CLF
60	1120891.5333	401600.6321	573.7213	CP 4
61	1120223.2905	401693.1251	572.3317	OW 50
62	1120228.0847	401694.4097	572.3293	OW 49
63	1120352.0474	401772.0040	574.7078	CLF
64	1120029.[illegible]154	401775.3826	574.0583	CLF
65	1119899.9683	401776.3342	574.6332	CLF
66	1119936.9081	401726.2847	572.2136	OW 52
67	1119936.5967	401721.4614	572.0135	OW 51
68	1119868.6434	401776.6061	564.3166	EOW/LILE NIA RVR
69	1119921.8251	401628.2150	564.2753	EOW/LILE NIA RVR
70	1120019.8635	401531.9062	564.2912	EOW/LILE NIA RVR
71	1120126.1335	401475.0474	564.1100	EOW/LILE NIA RVR
72	1120173.5911	401567.1719	571.7767	TB 108
73	1120397.6244	401514.8290	573.2157	TB 107

74	1120091.3537	401543.7501	571.0168	OW 55
75	1120096.0616	401540.9603	570.9379	OW 54
76	1120008.0180	401595.5730	571.5816	OW 53
77	1120050.9968	401668.2528	571.4604	15"ASH
78	1120088.0989	401702.3801	572.3665	20"ASH
79	1120014.5228	401748.2880	572.8584	MULTI-BOLE ASPEN
80	1120082.2383	401639.9540	571.9376	CP 5
81	1120561.7524	401644.9978	572.5694	TB 105
82	1120456.4243	401381.8626	573.0630	OW 56
83	1120450.4041	401381.8647	572.8378	OW 57
84	1120421.4070	401325.9856	563.8425	EOW/LILE NIA RVR
85	1120490.1535	401280.9712	563.8614	EOW/LILE NIA RVR
86	1120578.3313	401287.7357	572.1103	MW 101
87	1120558.2499	401421.2225	573.1559	36"ASPEN
88	1120653.4399	401387.5588	573.1146	TB 106
89	1120657.2308	401456.5394	572.7888	LC 5A
90	1120646.2338	401454.7560	572.9019	LC 5B
91	1120617.7743	401494.1508	573.1063	TB 104
92	1120781.7494	401352.6871	573.6084	TB 103
93	1120687.9086	401460.7501	573.3496	18"TWIN ASPEN
94	1120730.0844	401496.3575	572.8685	24"TWIN ASPEN
95	1120763.2644	401414.6350	574.2154	PP NM 279/2
96	1121666.4172	400018.8978	588.6035	CP 1
97	1121084.0537	401264.5440	573.2925	EP
98	1121202.2134	401012.5906	573.2596	EP
99	1121176.8512	400996.9958	573.6041	EP
100	1121114.1593	401130.9732	573.4617	EP@ED ASPH DR
101	1121086.4099	401133.0228	573.2265	ED ASPH DR
102	1121058.3167	401117.9232	573.8510	ED ASPH DR@EP
103	1121128.6081	400994.8701	572.0418	EP
104	1121046.9714	400956.8494	568.2919	EP
105	1120987.3799	401005.7228	568.3694	EP
106	1120978.7710	400997.7858	566.6551	EP
107	1120872.4082	401086.9655	567.5129	EP
108	1121078.3143	401112.8681	572.8196	EP
109	1120808.6470	401159.5640	571.1214	EP
110	1120962.0036	401287.5765	574.9455	EP
111	1121042.6279	401147.0920	574.3678	EP@ED ASPH DR
112	1121071.9652	401154.1019	573.4751	ED ASPH DR
113	1121090.8460	401180.3862	573.2811	ED ASPH DR@EP
114	1121034.2406	401301.0345	573.3502	EP
115	1121051.6230	401220.3770	572.9446	SIGN POST
116	1121032.1520	401209.1300	573.2152	SIGN POST
117	1120849.0721	401215.2793	572.7748	CONC POST LINE
118	1120751.4109	401126.9256	567.5179	CONC POST LINE
119	1120752.5284	401112.0522	563.9040	EOW/LILE NIA RVR
120	1120820.8799	401076.2019	567.1888	ED BULK HEAD
121	1120814.4596	401068.6953	567.0943	ED BULK HEAD
122	1120844.9873	401043.4455	567.0715	ED BULK HEAD
123	1120877.7986	401081.6778	567.0407	ED BULK HEAD
124	1120874.1826	401084.6620	567.1782	ED BULK HEAD
125	1120847.9851	401053.7730	566.9896	ED BULK HEAD
126	1120865.6990	401066.8269	563.7989	EOW/LILE NIA RVR
127	1120961.0632	400987.2358	563.8138	EOW/LILE NIA RVR
128	1120973.5438	401001.9108	567.0047	ED BULK HEAD
129	1120977.1543	400998.9049	567.1711	ED BULK HEAD
130	1120951.5365	400967.6399	567.0103	ED BULK HEAD
131	1120979.1298	400944.6487	567.0485	ED BULK HEAD
132	1120973.4851	400936.9320	567.0065	ED BULK HEAD
133	1120941.4986	400962.9342	567.0911	ED BULK HEAD
134	1120958.2557	400968.0372	567.7097	LIGHT POLE
135	1120847.2164	401060.6564	567.0838	LIGHT POLE

RAWDATA FILE

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JOB: GRIFLOCS Date 07-21-1993 Time 14:44:52
Mode setup:North Azm,Dist ft,scale 1.000000, Earth crv OFF,offset 0.000
Store :Pt 4 N 1120891.5210 E 401600.6327, Elv 573.2000, CP 4
Store :Pt 5 N 1120082.2400 E 401639.9530, Elv 571.9900, CP 5
Store :Pt 6 N 1120594.9740 E 401324.4359, Elv 573.3700, CP 6
Store :Pt 7 N 1121100.2710 E 401114.7191, Elv 573.1800, CP 7
HI / HR : Inst H 5.130 Rod H 4.830
Occupy:Pt 4 N 1120891.5212 E 401600.6327, Elv 573.7600, CP 4
Backsight:4-5, BS azm 0.0000, BS cir 0.0000
Side shot : 4-20 Ang-Rt 0.0000 Zen 90.0900 SlpD 810.250 ,CHK TO CP 5
HI / HR : Inst H 5.130 Rod H 4.820
Side shot : 4-21 Ang-Rt 118.1900 Zen 90.0900 SlpD 273.400 ,EP
Side shot : 4-22 Ang-Rt 118.5930 Zen 90.0800 SlpD 159.800 ,EP
Side shot : 4-23 Ang-Rt 119.1242 Zen 90.1242 SlpD 82.940 ,EP@ED GRAVEL DR
Side shot : 4-24 Ang-Rt 101.5000 Zen 91.1000 SlpD 60.320 ,ED GRAVEL DR
Side shot : 4-25 Ang-Rt 68.3436 Zen 91.2424 SlpD 56.260 ,ED GRAVEL DR
Side shot : 4-26 Ang-Rt 31.3448 Zen 90.3800 SlpD 151.240 ,ED GRAVEL DR
Side shot : 4-27 Ang-Rt 24.0442 Zen 90.2606 SlpD 239.120 ,ED GRAVEL DR
Side shot : 4-28 Ang-Rt 20.0706 Zen 90.1654 SlpD 287.700 ,ED GRAVEL DR
Side shot : 4-29 Ang-Rt 14.5524 Zen 90.1500 SlpD 328.920 ,ED GRAVEL DR
Side shot : 4-30 Ang-Rt 13.3148 Zen 90.1524 SlpD 323.820 ,ED GRAVEL DR
Side shot : 4-31 Ang-Rt 17.5848 Zen 90.1824 SlpD 285.780 ,ED GRAVEL DR
Side shot : 4-32 Ang-Rt 21.3536 Zen 90.2936 SlpD 236.940 ,ED GRAVEL DR
Side shot : 4-33 Ang-Rt 27.1206 Zen 90.3406 SlpD 149.960 ,ED GRAVEL DR
Side shot : 4-34 Ang-Rt 56.3200 Zen 91.4312 SlpD 46.780 ,ED GRAVEL DR
Side shot : 4-35 Ang-Rt 76.2836 Zen 92.2836 SlpD 17.320 ,ED GRAVEL DR
Side shot : 4-36 Ang-Rt 307.2912 Zen 92.3418 SlpD 8.520 ,ED GRAVEL DDR@EP
Side shot : 4-37 Ang-Rt 302.1830 Zen 90.1100 SlpD 187.140 ,EP
Side shot : 4-38 Ang-Rt 302.3400 Zen 90.0324 SlpD 331.240 ,EP
Side shot : 4-39 Ang-Rt 297.3042 Zen 90.0406 SlpD 332.520 ,EP
Side shot : 4-40 Ang-Rt 293.2530 Zen 90.0954 SlpD 189.560 ,EP
Side shot : 4-41 Ang-Rt 244.2800 Zen 90.4948 SlpD 34.640 ,EP
Side shot : 4-42 Ang-Rt 134.4218 Zen 90.0936 SlpD 110.300 ,EP
Side shot : 4-43 Ang-Rt 125.0836 Zen 90.0836 SlpD 254.300 ,EP
Side shot : 4-44 Ang-Rt 102.5336 Zen 89.5230 SlpD 285.000 ,CONC POST LINE
Side shot : 4-45 Ang-Rt 109.5500 Zen 90.0330 SlpD 262.720 ,CONC POST LINE
Side shot : 4-46 Ang-Rt 76.5018 Zen 91.2148 SlpD 58.480 ,CONC POST LINE
Side shot : 4-47 Ang-Rt 33.3942 Zen 90.3300 SlpD 153.320 ,CONC POST LINE
Side shot : 4-48 Ang-Rt 6.5048 Zen 91.4318 SlpD 46.160 ,SIGN POST(2)
Side shot : 4-49 Ang-Rt 328.2130 Zen 92.2512 SlpD 48.640 ,BM 1/HYD
Side shot : 4-50 Ang-Rt 337.0318 Zen 90.4024 SlpD 78.120 ,40"POPLAR
Side shot : 4-51 Ang-Rt 334.0900 Zen 90.3824 SlpD 130.940 ,MW 102
Side shot : 4-52 Ang-Rt 347.0912 Zen 90.1500 SlpD 155.440 ,15"HICKORY
Side shot : 4-53 Ang-Rt 328.1800 Zen 90.1924 SlpD 181.780 ,48"HICKORY
Side shot : 4-54 Ang-Rt 331.3736 Zen 90.0342 SlpD 231.160 ,24"HICKORY
Side shot : 4-55 Ang-Rt 323.1100 Zen 90.1930 SlpD 216.680 ,24"2-BOLE LOCUST
Side shot : 4-56 Ang-Rt 318.5218 Zen 90.1642 SlpD 210.900 ,10"LOCUST
Side shot : 4-57 Ang-Rt 310.4712 Zen 90.2448 SlpD 163.180 ,SW-13
Side shot : 4-58 Ang-Rt 304.2412 Zen 90.1600 SlpD 188.320 ,MON-MC&MC LNDFIL
Side shot : 4-59 Ang-Rt 309.1606 Zen 90.3024 SlpD 208.180 ,CLF
HI / HR : Inst H 4.960 Rod H 5.020
Occupy:Pt 5 N 1120082.2406 E 401639.9530, Elv 571.9900, CP 5
Backsight:5-4, BS azm 0.0000, BS cir 0.0000
Side shot : 5-60 Ang-Rt 0.0000 Zen 89.5224 SlpD 810.250 ,CP 4
Backsight:5-4, BS azm 0.0000, BS cir 0.0000
HI / HR : Inst H 4.960 Rod H 4.820
Side shot : 5-61 Ang-Rt 23.2612 Zen 89.5524 SlpD 150.740 ,OW 50
Side shot : 5-62 Ang-Rt 23.1524 Zen 89.5536 SlpD 155.680 ,OW 49
Side shot : 5-63 Ang-Rt 28.5136 Zen 89.3030 SlpD 300.400 ,CLF
Side shot : 5-64 Ang-Rt 114.0524 Zen 89.1424 SlpD 145.380 ,CLF
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Side shot : 5-65 Ang-Rt 145.5836 Zen 89.2212 SlpD 227.660 ,CLF
Side shot : 5-66 Ang-Rt 152.0412 Zen 89.5818 SlpD 169.040 ,OW 52
Side shot : 5-67 Ang-Rt 153.3254 Zen 90.0224 SlpD 166.900 ,OW 51
HI / HR : Inst H 4.960 Rod H 14.920
Side shot : 5-68 Ang-Rt 150.1018 Zen 89.2900 SlpD 253.580 ,EOW/LILE NIA RVR
HI / HR : Inst H 4.960 Rod H 18.240
Side shot : 5-69 Ang-Rt 186.5800 Zen 88.0106 SlpD 160.940 ,EOW/LILE NIA RVR
HI / HR : Inst H 4.960 Rod H 14.920
Side shot : 5-70 Ang-Rt 242.4700 Zen 88.5742 SlpD 124.780 ,EOW/LILE NIA RVR
Side shot : 5-71 Ang-Rt 287.4112 Zen 89.1806 SlpD 170.660 ,EOW/LILE NIA RVR
HI / HR : Inst H 4.960 Rod H 4.820
Side shot : 5-72 Ang-Rt 324.1412 Zen 90.1024 SlpD 116.800 ,TB 108
Side shot : 5-73 Ang-Rt 341.0830 Zen 89.4900 SlpD 339.300 ,TB 107
Side shot : 5-74 Ang-Rt 278.1136 Zen 90.3936 SlpD 96.640 ,OW 55
Side shot : 5-75 Ang-Rt 280.4348 Zen 90.4100 SlpD 99.960 ,OW 54
Side shot : 5-76 Ang-Rt 213.3930 Zen 90.2148 SlpD 86.480 ,OW 53
Side shot : 5-77 Ang-Rt 140.3642 Zen 90.5436 SlpD 42.160 ,15"ASH
HI / HR : Inst H 4.960 Rod H 8.100
Side shot : 5-78 Ang-Rt 87.2512 Zen 86.4724 SlpD 62.800 ,20"ASH
Side shot : 5-79 Ang-Rt 124.4724 Zen 89.4024 SlpD 127.760 ,MULTI-BOLE ASPEN
HI / HR : Inst H 4.960 Rod H 4.820
Side shot : 5-79 Ang-Rt 124.4724 Zen 89.4024 SlpD 127.760 ,MULTI-BOLE ASPEN
Occupy:Pt 6 N 1120594.9735 E 401324.4359, Elv 573.3700, CP 6
Backsight:6-5, BS azm 0.0000, BS cir 0.0000
HI / HR : Inst H 4.910 Rod H 4.740
Side shot : 6-80 Ang-Rt 0.0000 Zen 90.0909 SlpD 602.040 ,CP 5
HI / HR : Inst H 4.910 Rod H 4.820
Side shot : 6-81 Ang-Rt 307.3124 Zen 90.0930 SlpD 322.280 ,TB 105
Side shot : 6-82 Ang-Rt 9.0536 Zen 90.0906 SlpD 149.980 ,OW 56
Side shot : 6-83 Ang-Rt 9.5630 Zen 90.1345 SlpD 155.560 ,OW 57
HI / HR : Inst H 4.910 Rod H 7.820
Side shot : 6-84 Ang-Rt 31.0542 Zen 92.1100 SlpD 173.700 ,EOW/LILE NIA RVR
HI / HR : Inst H 4.910 Rod H 4.820
Side shot : 6-85 Ang-Rt 54.0742 Zen 94.5006 SlpD 113.880 ,EOW/LILE NIA RVR
Side shot : 6-86 Ang-Rt 97.1248 Zen 91.5506 SlpD 40.320 ,MW 101
Side shot : 6-87 Ang-Rt 322.2306 Zen 90.1006 SlpD 103.520 ,36"ASPEN
Side shot : 6-88 Ang-Rt 258.4800 Zen 90.1348 SlpD 86.040 ,TB 106
Side shot : 6-89 Ang-Rt 276.2224 Zen 90.1548 SlpD 146.040 ,LC 5A
Side shot : 6-90 Ang-Rt 280.0806 Zen 90.1342 SlpD 140.040 , LC 5B
Side shot : 6-91 Ang-Rt 293.5718 Zen 90.0706 SlpD 171.240 ,TB 104
Side shot : 6-92 Ang-Rt 220.1228 Zen 89.5718 SlpD 188.900 ,TB 103
Side shot : 6-93 Ang-Rt 267.1918 Zen 90.0218 SlpD 164.980 ,18"TWIN ASPEN
Side shot : 6-94 Ang-Rt 263.2636 Zen 90.0918 SlpD 218.660 ,24"TWIN ASPEN
Side shot : 6-95 Ang-Rt 239.4748 Zen 89.4624 SlpD 190.940 ,PP NM 279/2
Occupy:Pt 7 N 1121100.2706 E 401114.7191, Elv 573.1800, CP 7
Backsight:7-1, BS azm 0.0000, BS cir 0.0000
HI / HR : Inst H 4.950 Rod H 5.350
Side shot : 7-96 Ang-Rt 0.0000 Zen 89.1554 SlpD 1233.530 ,CP 1
HI / HR : Inst H 4.950 Rod H 4.820
Side shot : 7-97 Ang-Rt 158.5118 Zen 90.0024 SlpD 150.700 ,EP
Side shot : 7-98 Ang-Rt 17.3730 Zen 90.0112 SlpD 144.300 ,EP
Side shot : 7-99 Ang-Rt 5.4318 Zen 89.5248 SlpD 140.440 ,EP
Side shot : 7-100 Ang-Rt 112.0954 Zen 89.3536 SlpD 21.380 ,EP@ED ASPH DR
Side shot : 7-101 Ang-Rt 189.4848 Zen 90.1230 SlpD 22.960 ,ED ASPH DR
Side shot : 7-102 Ang-Rt 238.1836 Zen 89.1548 SlpD 42.080 ,ED ASPH DR@EP
Side shot : 7-103 Ang-Rt 345.5848 Zen 90.3524 SlpD 123.160 ,EP
Side shot : 7-104 Ang-Rt 314.0118 Zen 91.4330 SlpD 166.700 ,EP
Side shot : 7-105 Ang-Rt 286.4018 Zen 91.4812 SlpD 157.000 ,EP
Side shot : 7-106 Ang-Rt 286.3448 Zen 92.1536 SlpD 168.760 ,EP
Side shot : 7-107 Ang-Rt 249.3718 Zen 91.2648 SlpD 229.620 ,EP
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Side shot : 7-108 Ang-Rt 247.2946 Zen 91.1630 SlpD 22.040 ,EP
Side shot : 7-109 Ang-Rt 233.5606 Zen 90.2530 SlpD 295.060 ,EP
Side shot : 7-110 Ang-Rt 191.2000 Zen 89.3436 SlpD 221.360 ,EP
Side shot : 7-111 Ang-Rt 213.2130 Zen 89.0500 SlpD 66.120 ,EP@ED ASPH DR
Side shot : 7-112 Ang-Rt 188.2300 Zen 89.4818 SlpD 48.500 ,ED ASPH DR
Side shot : 7-113 Ang-Rt 160.5042 Zen 90.0130 SlpD 66.340 ,ED ASPH DR@EP
Side shot : 7-114 Ang-Rt 172.1130 Zen 89.5918 SlpD 197.670 ,EP
Side shot : 7-115 Ang-Rt 177.2400 Zen 90.1048 SlpD 116.320 ,SIGN POST
Side shot : 7-116 Ang-Rt 188.2918 Zen 90.0248 SlpD 116.420 ,SIGN POST
Side shot : 7-117 Ang-Rt 220.5136 Zen 90.0648 SlpD 270.580 ,CONC POST LINE
HI / HR : Inst H 4.950 Rod H 8.500
Side shot : 7-118 Ang-Rt 240.4024 Zen 90.2048 SlpD 349.080 ,CONC POST LINE
Side shot : 7-119 Ang-Rt 243.0700 Zen 90.5636 SlpD 347.800 ,EOW/LILE NIA RVR
HI / HR : Inst H 4.950 Rod H 4.820
Side shot : 7-120 Ang-Rt 250.3136 Zen 91.1436 SlpD 282.100 ,ED BULK HEAD
Side shot : 7-121 Ang-Rt 251.4930 Zen 91.1348 SlpD 289.560 ,ED BULK HEAD
Side shot : 7-122 Ang-Rt 258.1636 Zen 91.2054 SlpD 265.120 ,ED BULK HEAD
Side shot : 7-123 Ang-Rt 251.0730 Zen 91.3548 SlpD 225.000 ,ED BULK HEAD
Side shot : 7-124 Ang-Rt 250.1500 Zen 91.3224 SlpD 228.160 ,ED BULK HEAD
Side shot : 7-125 Ang-Rt 256.1530 Zen 91.2342 SlpD 259.620 ,ED BULK HEAD
Side shot : 7-126 Ang-Rt 254.1300 Zen 92.1630 SlpD 239.600 ,EOW/LILE NIA RVR
Side shot : 7-127 Ang-Rt 285.0936 Zen 92.5248 SlpD 189.000 ,EOW/LILE NIA RVR
Side shot : 7-128 Ang-Rt 284.2106 Zen 92.0742 SlpD 169.780 ,ED BULK HEAD
Side shot : 7-129 Ang-Rt 285.5536 Zen 92.0448 SlpD 169.140 ,ED BULK HEAD
HI / HR : Inst H 4.950 Rod H 0.200
Side shot : 7-130 Ang-Rt 287.2124 Zen 92.5918 SlpD 209.460 ,ED BULK HEAD
HI / HR : Inst H 4.950 Rod H 8.500
Side shot : 7-131 Ang-Rt 297.1254 Zen 90.4230 SlpD 208.820 ,ED BULK HEAD
Side shot : 7-132 Ang-Rt 297.1100 Zen 90.4118 SlpD 218.380 ,ED BULK HEAD
HI / HR : Inst H 4.950 Rod H 0.200
Side shot : 7-133 Ang-Rt 286.2318 Zen 92.4930 SlpD 219.920 ,ED BULK HEAD
HI / HR : Inst H 4.950 Rod H 2.000
Side shot : 7-134 Ang-Rt 288.3612 Zen 92.2142 SlpD 204.340 ,LIGHT POLE
HI / HR : Inst H 4.950 Rod H 4.820
Side shot : 7-135 Ang-Rt 254.4412 Zen 91.2242 SlpD 258.840 ,LIGHT POLE
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GRIFFON PARK SITE

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COPY. 650

28

7-15-93 CONTROL

TIE CP2 B.S. CP1

FS	310-01-36	130-01-30
BS	00-00-00	179-59-54
∡	310-01-36	310-01-36
AVG ∡	310° 01' 36"	
FS	40-01-36	220-01-36
BS	90-00-00	270-00-00
∡	310-01-36	310-01-36
AVG ∡	310° 01' 36"	

BS VERT		FT.	M
D	90-01-24	3137.995	956.463
R	269-58-36	313[illegible]	
∡	90-01-24		

FS VERT		FT.	M
D	92-29-24	353.890	107.866
R	267-30-24	35[illegible]	
∡	92 29 50		

CP1 = SMC 33 CP2 = SMC 36

CP3 (PK NAIL)

GRIFFON PARK SITE

7-19-93 CONTROL

		Λ @ CP 3	BS CP 2	
FS		237-42-42	57-42-45	
BS		00-00-00	180-00-06	
∡		237-42-42	237-42-39	
AVG ∡				
FS		327-42-36	141-42-36	
BS		90-00-00	269-59-54	
∡		237-42-36	237-42-42	
AVG ∡				
BS VERT			FT.	M
	D	87-32-36	353.885	107.864
	R	272-27-30	[illegible]	[illegible]
	∡	87-[illegible]		
FS VERT			FT.	M
	D	90-03-42	1163.535	354.646
	R	269-56-30	1163.[illegible]	1534
	∡	[illegible]		

KR
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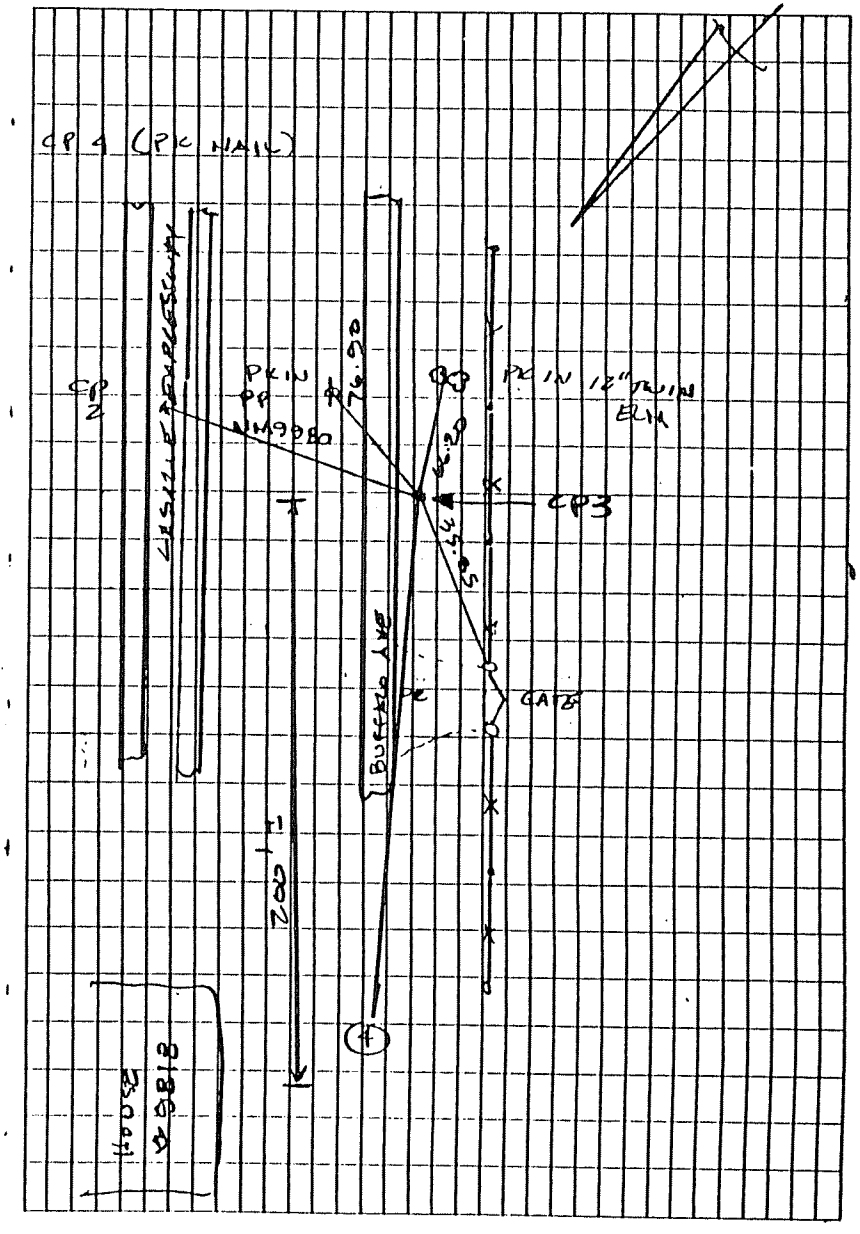
CLDY 66°

29



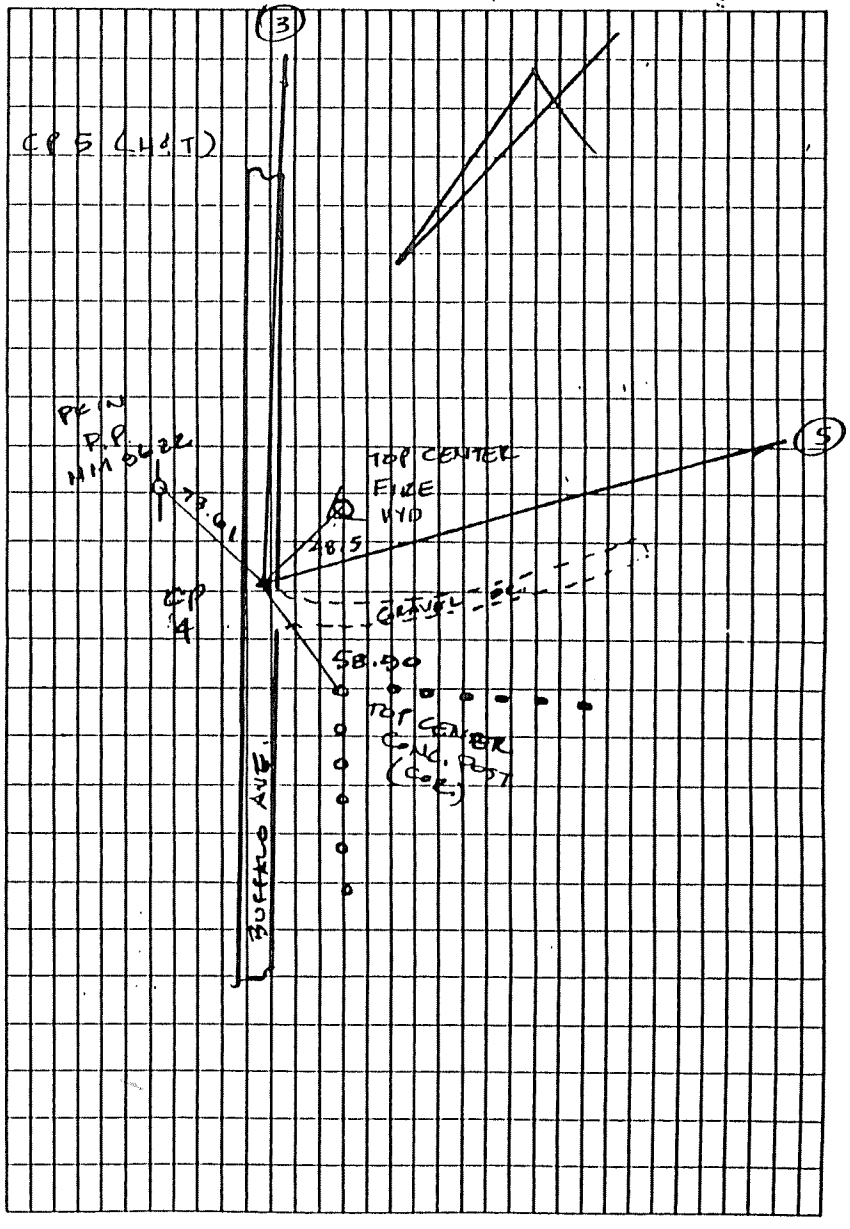
GRIFFON PARK SITE

KR
KH

CLDY 65°

3,

7-19-93		CONTROL		
	⊼ @	CP 4	BS CP 3	
FS	57-05-42		237-05-30	
BS	00-00-00		180-00-00	
∡	57-05-42		57-05-30	
AVG ∡				
FS	147-05-42		327-05-42	
BS	90-00-00		270-00-00	
∡	57-05-42		57-05-42	
AVG ∡		57-05-41		
BS VERT			FT.	M
D	89-57-24		1163.540	354.648
R	270-02-42		1163.541	
∡	89-57-21			
FS. VERT			FT.	M
D	90-00-00		810.240	246.961
R	269-51-12		[illegible]	
∡				



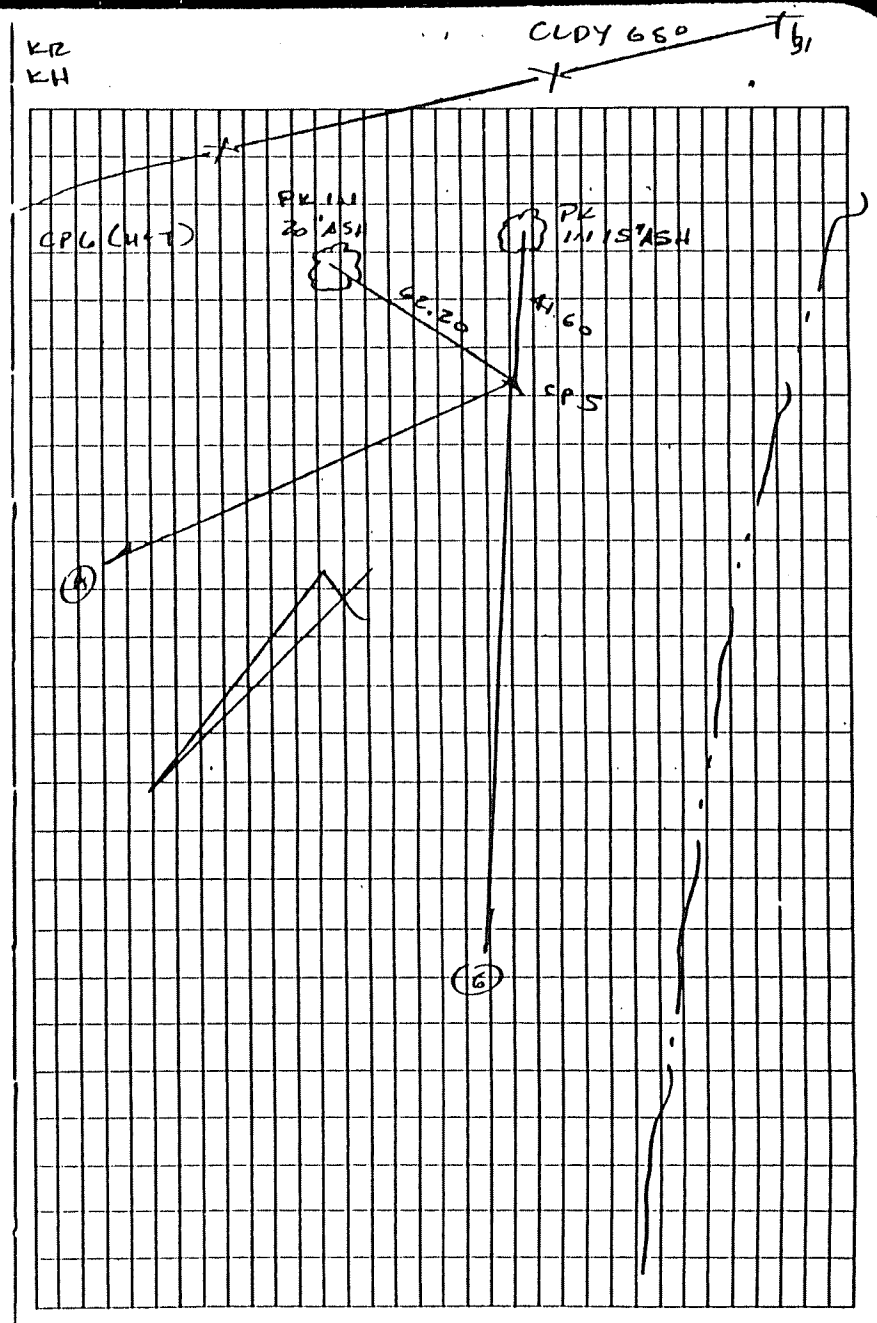
GRIFFON PARK SITE

7-19-23 CONTROL

	T @ CP 5	BS CP 4
FS	331-10-30	151-10-30
BS	00-00-00	180-00-00
∡	331-10-30	331-10-30
AVG ∡	[illegible]	
FS	61-10-30	241-10-30
BS	90-00-00	270-00-00
∡	331-10-30	331-10-30
AVG ∡	[illegible]	

BS VERT		FT.	M
D	89-52-27	810.240	246.962
R	270-07-39	810.241	
∡	89-52-[illegible]		

FS VERT		FT.	M
D	89-53-35	602.035	183.501
R	270-06-30	602.036	
∡	[illegible]		



GRIFFON PARK SITE

KR
KH

CLDY 65° 32

7-19-93 CONTROL

	T @ CP 6	BS CP 5		
FS	189-04-00	09-04-00		
BS	00-00-00	180-00-00		
∡	189-04-00	189-04-00		
AVG ∡	[illegible]			
FS	279-04-00	99-03-57		
BS	90-00-00	270-00-00		
∡	189-04-00	189-03-57		
AVG ∡	[illegible]			
BS VERT		FT.	M	
D	90-08-00	602.045	183.504	
Z	269-52-06	[illegible]		
∡	[illegible] 57			
FS VERT		FT.	M	
D	90-01-30	541.090	166.753	
Z	269-58-42	541.080		
∡	[illegible]			

CP 7 HT

GRIFFON PARK SITE

7-19-93 CONTROL

	T @ CP 7	BS CP 6
FS	139-52-03	319-52-00
BS	00-00-00	180-00-00
∡	139-52-03	139-52-00
AVG ∡	[illegible]	[illegible]
FS	229-52-00	49-51-54
BS	90-00-00	269-59-54
∡	139-52-00	139-52-00
AVG ∡	139 5[illegible]	

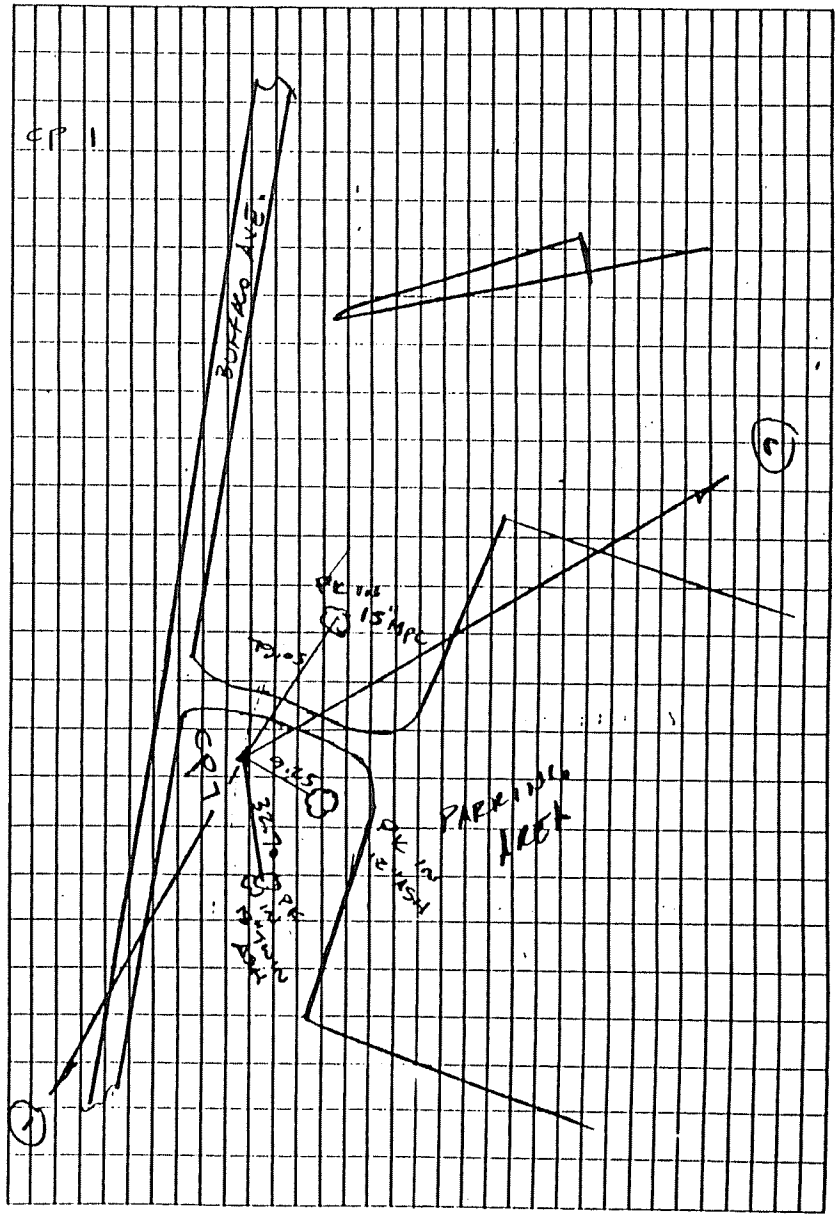
BS VERT		FT.	M
D	90-00-21	547.095	166.755
R	270-00-06	57[illegible].005	
∡	89° 00' 7[illegible]"		

FS VERT		FT.	M
D	89-15-00	1233.545	375.985
R	270-45-06	1[illegible].511	
∡	89° 1[illegible]' [illegible]"		

KR
KH

CLDY 65°

33



GRIFFON PARK SITE

KR
FH

CLDY 65°

7-19-95

CONTROL

	T @ CP 1	BS CP 7
FS	355-03-48	175-03-48
BS	00-00-00	180-00-00
∡	355-03-48	355-03-48
AVG ∡	35[illegible]	
FS	85-03-45	265-03-42
BS	90-00-00	269-59-57
∡	355-03-45	355-03-45
AVG ∡	[illegible]5 [illegible] 45"	
BS VERT		FT. / M
O	90-46-00	1233.555 / 375.688
R	269-14-12	1233.554
∡	[illegible]45 [illegible]	
FS VERT		FT. / M
O	90-00-00	3137.995 / 956.463
R	270-00-12	3137.996
∡	[illegible]55 [illegible]	

CP 2

GRIFFON PARK SITE

KR
KH

CLDY 65°

7-20-93		LEVEL'S & WELL ELEV'S.			
					577.55
	1.99	579.54			
			5.41	574.13	
	4.74	578.87			
			3.28	575.59	
	2.95	578.54			
			3.85	574.59	
	3.99	578.58			
			4.82	573.76	
	3.85	577.61			
			4.99	572.62	
			4.99	572.62	
			5.26	572.35	
	5.22	577.57			
			4.35	573.22	
			4.36	573.21	
			4.80	572.77	
	4.66	577.43			
			4.31	573.12	
			4.31	573.12	
			4.55	572.88	
	4.91	577.79			

N 22

TP

TP

BM 1 TOP S.E BONNET BOLT FIRE HYD.

CP 4

MW 102 GRD
" CASS
" RISER
} FLUSH MOUNT

MW LC 5A GRD
" CASS
" RISER
} SET LOW

MW LC 5B GRD
" CASS
" RISER
} SET LOW

GRIFFON PARK SITE

KR
KH

CLDY 65°

7-20-93		LEVELS	WELL ELEV'S.
		577.79	
			5.15 572.04
	5.41	577.45	
			5.17 572.28
			5.15 572.30
			5.32 572.13
	5.15	577.28	
			4.97 572.31
			4.96 572.32
			5.16 572.12
	5.15	577.27	
			5.28 571.99
	5.39	577.38	
			5.39 571.99
			5.18 572.20
			5.57 571.81
	5.48	577.29	
			5.40 571.89
			5.28 572.01
			5.76 571.53
	5.30	576.83	

TP

OW 49 GRD
" CASS
" RISER
} SET LOW

OW 50 GRD
" CASS
" RISER
} SET LOW

CP 5

OW 52 GRD
" CASS
" RISER
} FLUSH MOUNT

OW 5 GRD
" CASS
" RISER
} FLUSH MOUNT

GRIFFON PARK SITE

CLOYGS

KR
KH

7-20-93	LEVEL'S	& WELL ELEV'S		
		576.83		
			5.37	571.46
			5.29	571.54
	5.14	576.68		
			5.59	571.09
			5.63	571.20
			5.82	570.86
	5.77	576.63		
			5.64	570.99
			5.66	570.97
			5.96	570.67
	6.59	577.26		
			4.33	572.93
			4.39	572.87
			4.65	572.61
	5.46	578.07		
			5.01	573.06
			4.98	573.09
			5.09	572.98
	5.73	578.71		
			5.34	573.37
	4.75	578.12		

OW 53 GRD } LOCKED DID NOT
" CASS } HAVE KEY TO OPEN

OW 55 GRD
" CASS
" RISER } USED MAP NUMBERS MISLABELED IN FIELD

OW 54 GRD
" CASS
" RISER

OW 57 GRD
" CASS } SET LOW
" RISER

OW 56 GRD
" CASS } SET LOW
" RISER

CP 60

GRIFFON PARK SITE

CLOY 650

KR
KH

7-20-93		LEVEL'S & WELL ELEV'S			
		578.12			
			5.99	572.13	
			5.99	572.13	
			6.19	571.93	
	5.24	577.17			
			5.58	571.59	
	6.43	578.02			
			4.84	573.18	
	5.10	578.28			
			4.41	573.87	
	4.68	578.55			
			4.79	573.76	
	5.17	578.93			
			4.69	574.24	
	5.34	577.58			
			2.00	577.58	577.55
				+0	03 ✓

MW 101	GCO	FLUSH MOUNT
"	CASS	
"	RIDETZ	
TP		
CP 7		
TP		
TP		
TP		

GRIFFON PARK SITE

SUND/CLDS 70°

KR
KH

33

7-20-93

LOCATIONS

HI = 5.13 T @ CP4 BS, CP5 W/00.00

	VERT	HORIZ	SD		ROD
20	90-09-00	00-00-00	810.25		4.83
	90-09-00	118-19-00	273.40		4.82
	90-08-00	118-59-30	159.80		
	90-12-42	119-12-42	82.94		
	91-10-00	101-50-00	60.32		
	91-24-24	68-34-36	56.26		
	90-38-00	31-34-48	151.24		
	90-26-06	24-09-42	239.12		
	90-16-54	20-07-06	287.70		
	90-15-00	19-55-24	328.92		
	90-15-24	13-31-48	323.82		
	90-18-24	17-58-48	285.78		
	90-29-36	21-35-36	236.94		
	90-34-06	27-12-06	149.96		
	91-43-12	56-32-00	46.78		
	92-28-36	76-28-36	17.32		
	92-34-18	307-29-12	8.52		
	90-11-00	302-18-30	187.14		
	90-03-24	302-34-00	331.24		

DESC.
CP5
EP
"
" @ ED GRAVEL DR.
ED GRAVEL DR
"
"
"
"
"
"
"
"
"
"
" @ EP
EP
"
BREAK

GRIFFON PARK SITE

SUN/CLD'S 70°

40

KR
KH

7-20-93 LOCATIONS

HI = 5.13 T @ CP 4 BS CP 5 W/00-00

	VERT	HORIZ	SD		ROD
35	90-04-06	297-30-42	332.52		4.82
	90-09-54	293-25-30	189.56		
	90-45-48	244-28-00	34.64		
	90-09-36	134-42-18	110.30		
	90-08-36	125-08-36	254.30		
	89-52-30	102-53-36	285.00		
	90-03-30	109-55-00	262.72		
	91-21-48	76-50-18	58.48		
	90-33-00	33-39-42	153.82		
	91-43-18	6-50-48	46.16		
	92-25-12	323-21-30	48.64		
	90-40-24	337-03-18	78.12		
	90-38-24	334-09-00	130.04		
	90-15-00	347-09-12	155.44		
	90-19-24	328-18-00	181.78		
	90-03-42	331-37-36	231.16		
	90-19-30	323-11-00	216.68		
	90-16-42	318-52-18	210.90		
	~~90-23-00~~	~~321-33-12~~	~~190.92~~		
	90-24-48	310-47-12	163.18		
✓	90-16-00	304-24-12	188.32		

DESC
EP
"
"
"
"
REC CONC POST LINE
COR. " " "
COR. " " "
END " " "
} 6' x 2'
SIGN POST (NO SIGN) 2 POST 4' APART
BM 1 FIRE HYD
40" POPLAR
MAW 102
18" HICKORY
48" HICKORY
24" HICKORY
24" TWO-BOLE LOCUST
10" LOCUST

SW-13
MON - McINTOSH & McINTOSH (102ND ST LANDFILL)

CRIFFON PARK SITE

7-20-93 LOCATIONS

HI = 5.13 T @ CP 4 BS CP 5 W/00-00

	VERT	HORIZ	SD		ROD
50	90-30-24	305-16-06	208.18		4.82

HI = 4.96 T @ CP 5 BS CP 4 W/00-00

	VERT	HORIZ	SD		ROD
(70)	89-52-24	00-00-00	810.25		5.02
	89-55-24	23-26-12	150.74		4.82
	89-55-36	23-15-24	155.68		
	89-30-30	28-51-36	300.40		
	89-14-24	114-05-24	145.38		
	89-22-12	145-58-36	227.66		
	89-58-18	152-09-12	160.09		
	90-02-24	153-32-54	166.90		
	89-29-00	150-10-18	253.58		14.92
	88-01-06	186-58-00	160.94		18.24
	88-57-42	242-47-00	124.78		14.92
	89-18-06	287-41-12	170.66		14.92
	90-10-24	324-14-12	116.80		4.82
	89-49-00	341-08-30	330.30		
	90-39-36	278-11-36	96.64		
	90-41-00	280-45-48	99.96		
	90-21-48	217-39-30	86.48		

KR SUNNY 70°
KH 14.92
18.24

41

DESC.
C.L.F. (60 WOOS)

DESC.
CP 4
OW 50
OW 49
C.L.F.
"
" (40' ± NORTH OF THE END)
OW 52
OW 51
E. OW. (LITTLE NIAGARA RIVER)
"
"
"
TB 108
TB 107
OW 55
OW 54
OW 53

GRIFFON PARK SITE

7-20-03 LOCATIONS

HI = 4.96 ⊤ @ CP 5 BS CP 4 w/00-00

	VERT	HORIZ	SD		ROD
77	90-54-36	140-36-42	42.16		4.82
78	86-47-24	87-25-12	62.80		8.1
79	89-40-24	124-47-24	127.76		4.82

HI = 4.91 ⊤ @ CP 6 BS CP 5 w/00-00

	VERT	HORIZ	SD		ROD
80	90-09-09	00-00-00	602.04		4.74
	90-09-30	307 31-24	322.28		4.82
	90-09-06	9-05-36	149.98		4.82
	90-13-45	9-56-30	155.56		4.82
	92-11-00	31-05-42	175.70		7.82
	94-50-06	54-07-42	113.88		4.82
	91-55-06	97-12-48	40.32		4.82
	90-10-06	322-23-06	103.52		4.82
	90-13-48	258-48-00	86.04		
	90-15-48	276-22-24	146.04		
	90-13-42	280-08-06	140.04		
	90-07-06	293-57-18	171.24		
	89-57-18	220-12-28	188.90		
	90-02-18	267-19-18	164.98		

KR
KH

SUNNY 70°

42

DESK
15" ASH
20" ASH
MAOCTL-BOLE 4-10" ASPEN

DESK
CP 5
TB 105
OW 56
OW 57
EOW (LITTLE NIAGARA RIVER)
"
MW 101
36" ASPEN
TB 106
LC 5A
LC 5B
TB 104
TB 103
18" TWIN ASPEN

GRIFFON PARK SITE

KR
KH

SUNNY 70°

7-20-93 LOCATIONS

HI=4.91 T @ CP 6 BS CP 5 w/00-00

	VERT	HORIZ	SD		ROD
94	90-09-18	263-26-36	218.66		4.82
95	89-46-24	235-47-48	190.94		4.82

HI=4.95 T @ CP 7 BS. CP1 w/00-00

	VERT	HORIZ	SD		ROD
96	89-15-54	00-00-00	1233.53		5.35
	90-00-24	158-51-18	150.70		4.82
	90-01-12	17-37-30	144.30		4.82
	89-52-48	5-43-18	140.44		4.82
	89-35-36	112-08-54	21.38		
	90-12-30	189-48-48	22.96		
	89-15-48	238-18-36	42.08		
	90-35-24	345-58-48	123.16		
	91-43-30	314-01-18	166.70		
	91-48-12	286-40-18	157.00		
	92-15-36	286-34-48	168.76		
	91-26-48	249-37-18	229.62		
	91-16-30	247-29-46	222.04		
	90-25-30	233-56-06	205.06		

DESC:
24" TWIN ASPEN
PP HM 279/2

DESC:
CP1
EP
"
BREAK
EP
EP @ ED ASPH DR
ED ASPH DR
" " @ EP
EP
"
"
"
"
"
"

GRIFFON PARK SITE

KR
KH

SUNNY 70°

7-20-03

LOCATIONS

HI = 4.95 T @ CP 7 BS. CP1 W100-00

	VERT	HORIZ	SD		ROD
110	89-34-36	191-20-00	221.36		4.82
	89-05-00	213-21-30	66.12		
	89-48-18	188-23-00	48.50		
	90-01-30	160-50-42	66.34		
	89-59-18	172-11-30	197.67		
	90-10-48	177-24-00	116.32		
	90-02-48	188-29-18	116.42		
	90-06-48	220-31-36	270.58		
	90-20-48	240-40-24	349.08		8.5
	90-56-36	243-07-00	347.80		8.5
	91-14-36	250-31-36	282.10		4.82
	91-13-48	251-49-30	280.56		
	91-20-54	258-16-36	265.12		
	91-35-48	251-07-30	225.00		
	91-32-24	250-15-00	228.16		
	91-23-42	256-19-30	259.62		
	92-16-30	254-13-00	239.60		
	92-52-48	285-09-36	189.00		
	92-07-42	284-21-06	169.78		
	92-04-48	285-55-36	169.14		
✓	92-59-18	287-21-24	209.46		0.20

DESC.

EP

" @ ED ASPH DR.

ED ASPH DR.

" @ EP

EP

SIGN POST (WOOD) } CITY OF NIAGARA FALLS
" (") } BOAT DOCKS

CONC. POST LINE } 6" x 2'
" " " } 6" x 2'

EOW (LITTLE NIAGARA RIVER)

ED BULK HEAD (CONC. DOCK)

" } HAS 4 WOODEN DOCKS
" } BETWEEN 4' x 20'
" } SEMI-PERMENANT
" }
" }

EOW

"

ED BULK HEAD

"

"

GRIFFON PARK SITE

SUNNY 70°

— 1 KR
KH

7-20-93 LOCATIONS

HI = 4.95 TO CP 7 BS CP 1 W/00-

	VERT	HORIZ	SD		ROD	DESC
131	90.42.30	207-12-54	208.82		8.50	EP BULK HEAD
132	90.41-18	297-11-00	218.38		8.50	"
133	92.45.30	286.23-18	219.92		0.20	"
134	92.21.42	288.36-12	204.34		2.0	LIGHT POLE (METAL)
135	91.22.42	254-44-12	258.84		4.82	" " (")

N22 (U.S.L.S.).--At Niagara Falls, Niagara County, on the north side of Buffalo Avenue, about 0.2 mile west of the east city limits, in the west wall of the Alfred Mason House (No. 9818), 9 feet south of the northwest corner of the house, in the concrete water table, and about 2-1/2 feet higher than the ground. The horizontal line of a cross on a United States Lake Survey standard disk set vertically. ~~(176.036 meters or 577.351 feet.)~~ (577.505)

SMC

CITY OF NIAGARA FALLS

1991 GIS CONTROL PROJECT

TOWN (CITY): Niagara Falls COUNTY OF NIAGARA

STATION: SMC 33

DATE SET : April, 1991

SET BY: Surveying and Mapping Consultants, Inc.

NEW YORK COORDINATE SYSTEM WEST ZONE (NAD 1927)

NORTH 1121666.320 EAST 400019.086

To Azimuth Mark	Grid Azimuth (North)	Grid Distance
SMC 36	112 23 10.1	3137.765

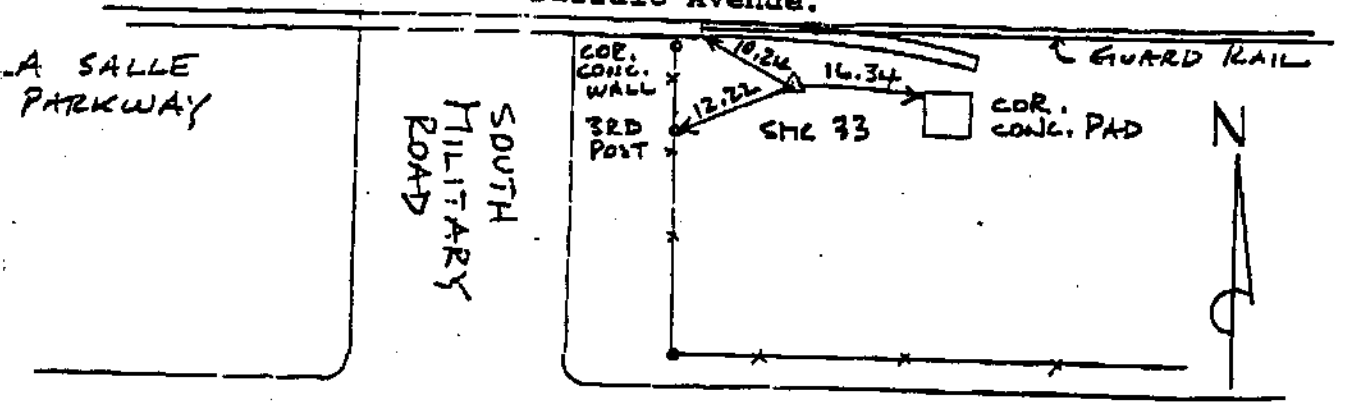
NEW YORK COORDINATE SYSTEM WEST ZONE (NAD 1983)

NORTH 1121703.026 EAST 1048377.001

To Azimuth Mark	Grid Azimuth (North)	Grid Distance
SMC 36	112 23 07.4	3137.786

ELEVATION (NGVD 1929): 588.71

Description: A Berntsen top security monument with a City of Niagara Falls disk, stamped SMC 33, set 0.4 feet below surface with protective cover. Located on the south side of La Salle Parkway, at the southeasterly corner of the bridge over South Military Road at the intersection with Buffalo Avenue.



BUFFALO AVENUE

MC

CITY OF NIAGARA FALLS

1991 GIS CONTROL PROJECT

TOWN (CITY): Niagara Falls COUNTY OF NIAGARA

STATION: [redacted]

DATE SET : April, 1991

SET BY: Surveying and Mapping Consultants, Inc.

NEW YORK COORDINATE SYSTEM WEST ZONE (NAD 1927)

NORTH 1120471.312 EAST 402920.383

To Azimuth Mark	Grid Azimuth (North)	Grid Distance
SMC 33	292 23 10.1	3137.765

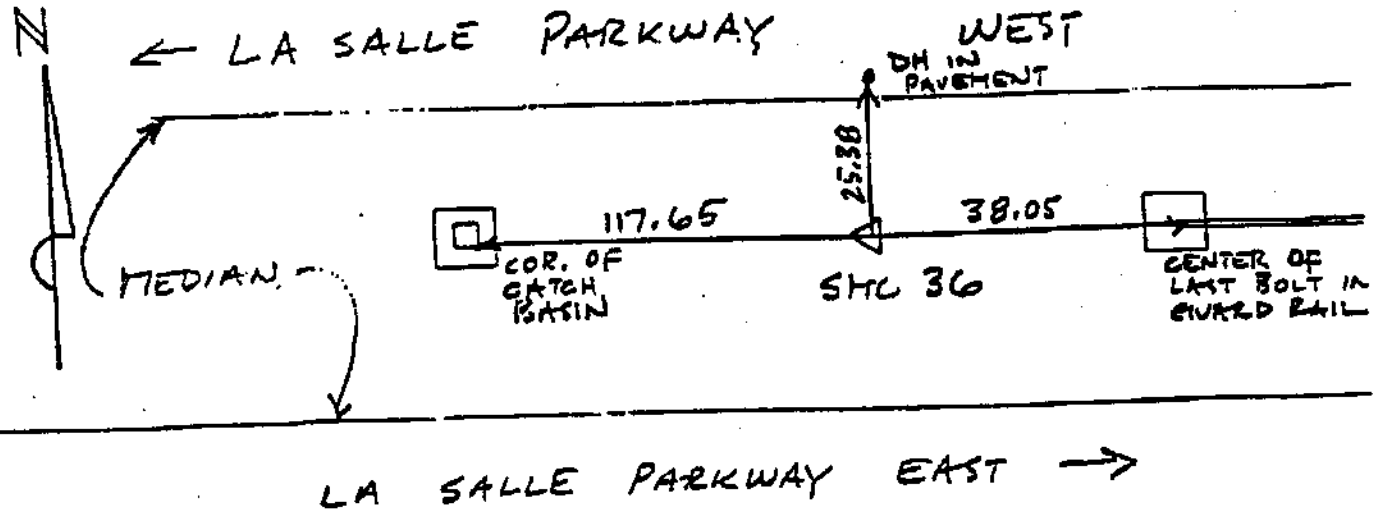
NEW YORK COORDINATE SYSTEM WEST ZONE (NAD 1983)

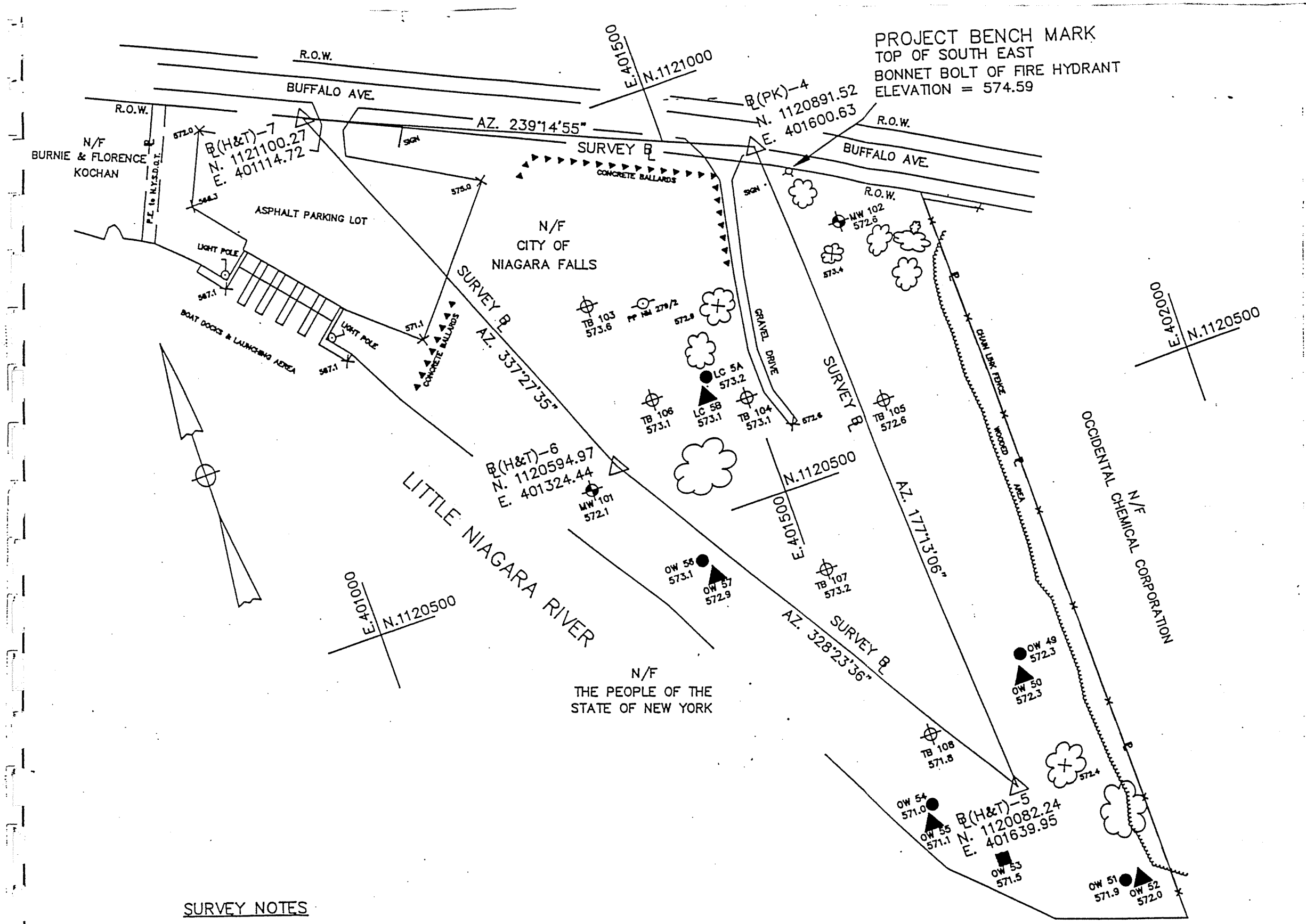
NORTH 1120508.049 EAST 1051278.334

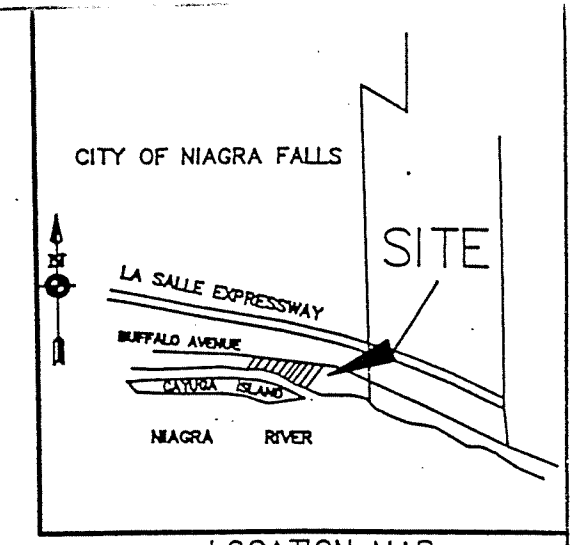
To Azimuth Mark	Grid Azimuth(North)	Grid Distance
SMC 33	292 23 07.4	3137.786

ELEVATION (NGVD 1929): 589.80

Description: A Berntsen top security monument with a City of Niagara Falls disk, stamped SMC 36, set 0.15 feet below surface with protective cover. Located in the median of the La Salle Parkway at 101st Street.







LOCATION MAP
N.T.S.

LEGEND

- PROPOSED BORING/MONITORING WELL
- PROPOSED BORING
- FILL MONITORING WELL
- BEDROCK MONITORING WELL
- ALLUVIUM MONITORING WELL
- SURVEY BASELINE POINT
- SPOT ELEVATION

SURVEY NOTES

1.) ALL LOCATIONS ON THIS MAP ARE BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM (EAST ZONE). PROVIEDED BY THE CITY ENGINEER OF NIAGRA FALLS, AS STATIONS SMC-33 and SMC-36

2.) ALL ELEVATIONS SHOWN ON THIS MAP ARE BASED ON THE NVGA 1929 DATUM PUBLISHED BY THE UNITED STATES LAKE SURVEY AS B.M. N22 ELEVATION = 577.55'.

3.) ALL PROPERTY LINE AND R.O.W. INFORMATION SHOWN ON THIS MAP WAS DETERMINDED BY CURRENT TAX MAP INFORMATION ONLY.

0 60 120 240 FT
SCALE

Project: T.O.M. 'NE326010'
PRELIMINARY SITE ASSESSMENT No.4.2,
GRIFFON PARK SITE
CITY OF NIAGARA FALLS, NEW YORK

Prepared for:
ABB Environmental Services
110 Free Street
Portland, Maine 04112-7050

DATE	SCALE	SITE No.
8/93	1"=120'	932081

Prepared by:
OM P. POPLI, P.E.,L.S.,P.C.
44 Soghaw Drive
Rochester, New York 14623
Tel. No. 716-442-6940

RECEIVED
DEC 06 1993
N.Y.S. DEPT. OF
ENVIRONMENTAL CONSERVATION
REGION 9