SDMS Document
111428

Contract No. 68-W-98-210

RAC II

Final Remedial Investigation Report
Old Roosevelt Field Contaminated Groundwater Site
Remedial Investigation/Feasibility Study
Garden City, New York
Work Assignment No.: 146-RICO-02PE

Volume 2

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

CDM

300996

Final Remedial Investigation Report
Old Roosevelt Field Contaminated Groundwater Site
Remedial Investigation/Feasibility Study
Garden City, New York
Work Assignment No.: 146-RICO-02PE

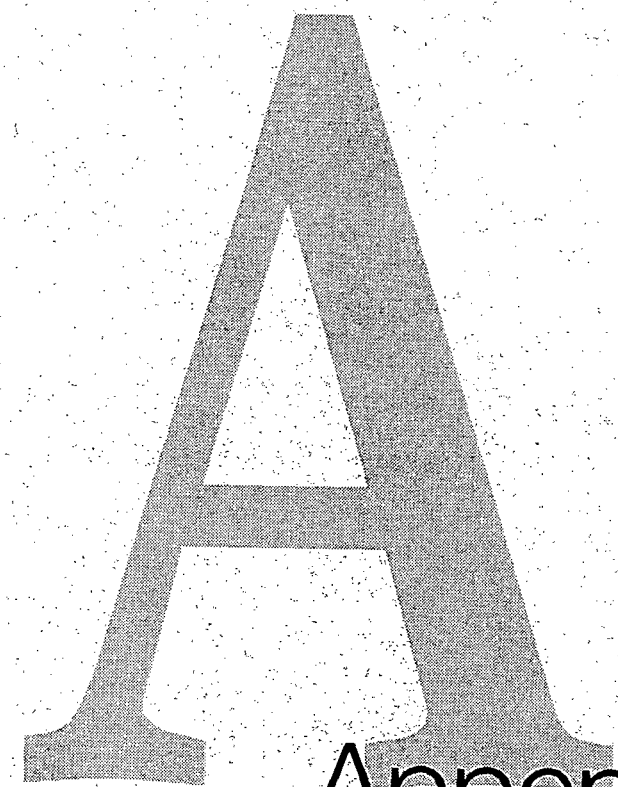
Volume 2

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

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

EPA Work Assignment No.	: 146-RICO-02PE
EPA Region	: II
Contract No.	: 68-W-98-210
CDM Federal Programs Corporation	
Document No.	: 3223-146-RR-FRIR-06775
Prepared by	: CDM
Site Manager	: Ms. Susan Schofield, P.G.
Telephone Number	: (203) 262-6633
EPA Remedial Project Manager	: Ms. Caroline Kwan
Telephone Number	: (212) 637-4275

300997

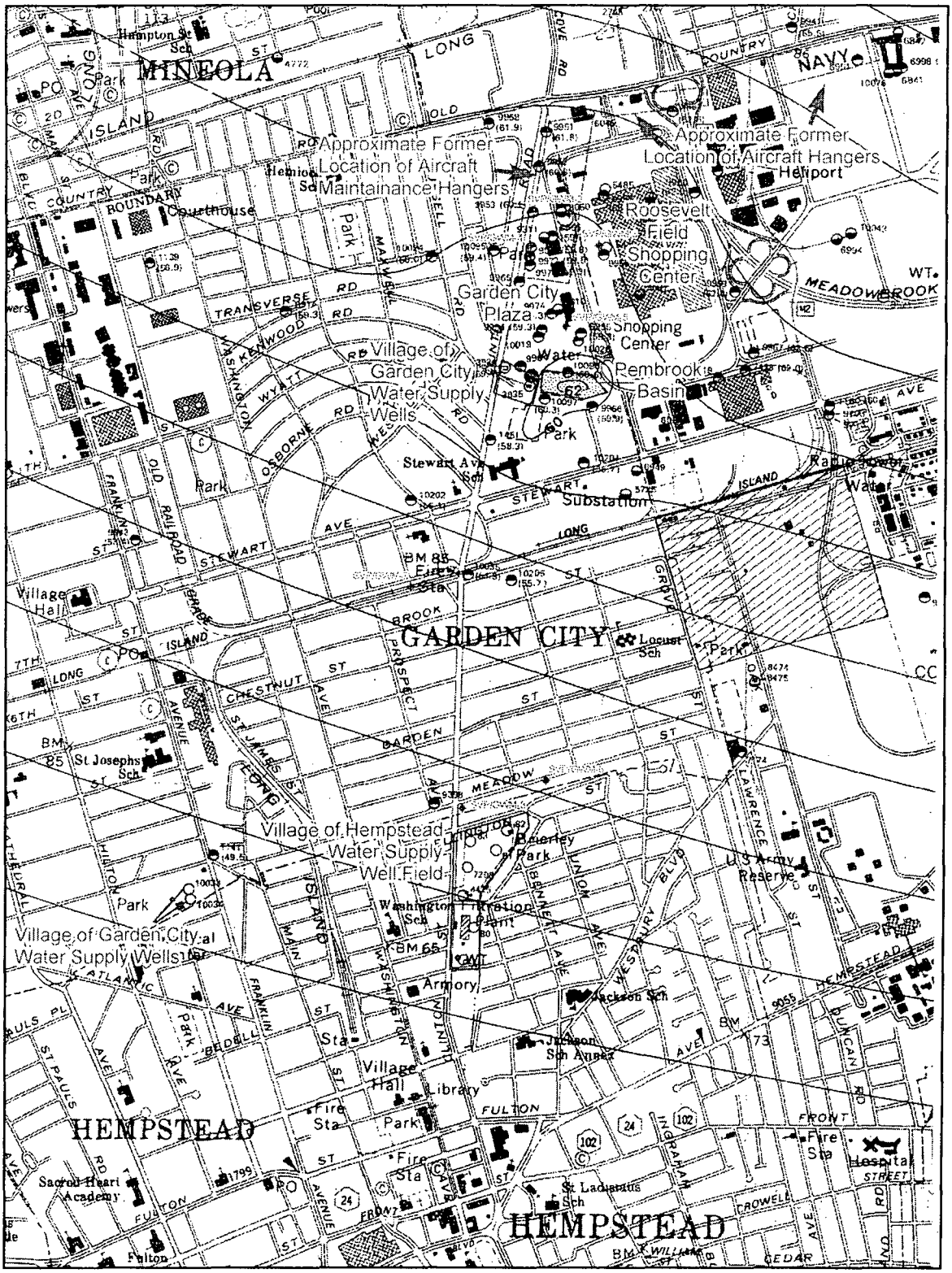


Appendix A

Appendix A

Existing Well Inventory and Previous Groundwater Sampling Data

300999



adapted from Eckhardt and Pearsall (1989)

9351 (61.8)	OBSERVATION WELL AND LOCAL NUMBER--Number in parentheses is water-table altitude on April 25, 1984, in feet. Datum is mean sea level
5435	PUBLIC WATER-SUPPLY WELL AND LOCAL NUMBER
8050	COOLING-WATER WELL AND LOCAL NUMBER
54	LINE OF EQUAL WATER-TABLE ALTITUDE IN UPPER GLACIAL AQUIFER--Dashed where approximately located. Contour interval 2 feet. Datum is mean sea level
	PART OF MITCHEL FIELD AREA EXCLUDED FROM THIS STUDY

N

CDM INSTALLED WELLS

CDM

Water Table Contours for April 1984 and Location of Former and Existing Wells in the Old Roosevelt Field Contaminated Gorundwater Area

Old Roosevelt Field Contaminated Groundwater Site

Garden City, New York

301000

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0410724-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 10/26/2004 7:25:00 AM
Received : 10/26/2004 3:00:00 PM
Collected By : CLIENT
Copy : **Original**
CC ; NCHD

Client ID. : WELL #11 R
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 12	µg/L	5	E502.2	10/27/2004 6:43 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/27/2004 6:43 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
Trichlorofluoromethane	1.0	µg/L	5	E502.2	10/27/2004 6:43 AM
1,1-Dichloroethene	3.4	µg/L	5	E502.2	10/27/2004 6:43 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
* cis-1,2-Dichloroethene	* 20	µg/L	5	E502.2	10/27/2004 6:43 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
Chloroform	< 0.5	µg/L	50	E502.2	10/27/2004 6:43 AM
1,1,1-Trichloroethane	2.2	µg/L	5	E502.2	10/27/2004 6:43 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
* Trichloroethene	* 200	µg/L	5	E502.2	10/27/2004 7:32 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	10/27/2004 6:43 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
* Tetrachloroethene	* 66	µg/L	5	E502.2	10/27/2004 6:43 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	10/27/2004 6:43 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/27/2004 6:43 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/27/2004 6:43 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 10/28/2004

Joann M. Slavin
Laboratory Manager

301001

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0406097-002A

Sample Information...
Type : Potable Water
Origin : Treated Well
Special

Federal ID 2902824
Collected : 6/2/2004 7:40:00 AM
Received : 6/2/2004 3:53:00 PM
Collected By : CLIENT
Copy : **Original**
CC ; NCHD

Client ID. : WELL #11
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	06/06/2004 9:08 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	06/06/2004 9:08 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 6/15/2004

Joann M. Slavin

Laboratory Manager

301002

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0406097-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 6/2/2004 7:40:00 AM
Received : 6/2/2004 3:53:00 PM
Collected By : CLIENT
Copy : **Original**
CC : NCHD

Client ID. : WELL #11
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 14	µg/L	5	E502.2	06/06/2004 7:15 AM
Chloromethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	06/06/2004 7:15 AM
Bromomethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
Chloroethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
Trichlorofluoromethane	0.8	µg/L	5	E502.2	06/06/2004 7:15 AM
1,1-Dichloroethene	3.1	µg/L	5	E502.2	06/06/2004 7:15 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
* cis-1,2-Dichloroethene	* 20	µg/L	5	E502.2	06/06/2004 7:15 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
Chloroform	< 0.5	µg/L	50	E502.2	06/06/2004 7:15 AM
1,1,1-Trichloroethane	2.1	µg/L	5	E502.2	06/06/2004 7:15 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
* Trichloroethene	* 160	µg/L	5	E502.2	06/06/2004 8:12 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	06/06/2004 7:15 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
* Tetrachloroethene	* 33	µg/L	5	E502.2	06/06/2004 7:15 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	06/06/2004 7:15 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
Bromoform	< 0.5	µg/L	50	E502.2	06/06/2004 7:15 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	06/06/2004 7:15 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 6/15/2004

Joann M. Slavin

Laboratory Manager

301003

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : **0401018-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 1/2/04 11:15:00 AM
Received : 1/2/04 3:30:00 PM
Collected By : BG99
Copy : **Original**
CC : NCHD

Client ID. : **WELL #11**
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
Benzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
Toluene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
o-Xylene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
Styrene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
Methyl tert-butyl ether	< 0.5	µg/L	10	E502.2	01/05/2004 8:31 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	01/05/2004 8:31 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 1/8/04

Joann M. Slavin
Laboratory Manager

301004

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

Village of Garden City
Rec'd

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0403304-001A

'04 MAR 15 A9:43

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 3/8/2004 10:30:00 AM
Received : 3/8/2004 3:33:00 PM
Collected By : CLIENT
Copy : Original
CC ; NCHD

Client ID. : WELL #11 (R)
Point No : N-3935
Location : Well #11

Parameter(s)		Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	*	19	µg/L	5	E502.2	03/10/2004 8:02 PM
Chloromethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
Vinyl chloride		< 0.5	µg/L	2	E502.2	03/10/2004 8:02 PM
Bromomethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
Chloroethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
Trichlorofluoromethane		1.0	µg/L	5	E502.2	03/10/2004 8:02 PM
1,1-Dichloroethene		3.6	µg/L	5	E502.2	03/10/2004 8:02 PM
Methylene chloride		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,1-Dichloroethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
* cis-1,2-Dichloroethene	*	22	µg/L	5	E502.2	03/10/2004 8:02 PM
2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
Bromochloromethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
Chloroform		< 0.5	µg/L	50	E502.2	03/10/2004 8:02 PM
1,1,1-Trichloroethane		2.6	µg/L	5	E502.2	03/10/2004 8:02 PM
Carbon tetrachloride		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
* Trichloroethene	*	170	µg/L	5	E502.2	03/10/2004 8:02 PM
1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
Dibromomethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
Bromodichloromethane		< 0.5	µg/L	50	E502.2	03/10/2004 8:02 PM
trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
* Tetrachloroethene	*	29	µg/L	5	E502.2	03/10/2004 8:02 PM
1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
Dibromochloromethane		< 0.5	µg/L	50	E502.2	03/10/2004 8:02 PM
1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
Bromoform		< 0.5	µg/L	50	E502.2	03/10/2004 8:02 PM
Bromobenzene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
2-Chlorotoluene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
4-Chlorotoluene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 3/12/2004

Laboratory Manager

301005

ELAP LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0403304-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 3/8/2004 10:30:00 AM
Received : 3/8/2004 3:33:00 PM
Collected By : CLIENT
Copy : Original
CC ; NCHD

Point No : N-3935
Location : Well #11

Client ID. : WELL #11 (R)

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	03/10/2004 8:02 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 3/12/2004

Joann M. Slavin
Laboratory Manager

301006

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

FTC
FKC
OK

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0312142-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 12/3/2003 7:45:00 AM
Received : 12/3/2003 3:35:00 PM
Collected By : BG99
Copy : Original
CC ; NCHD

Client ID. : WELL #11 R
Point No : N-3935
Location : Well #11

Parameter(s)		Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	*	13	µg/L	5	E502.2	12/06/2003 6:34 PM
Chloromethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
Vinyl chloride		< 0.5	µg/L	2	E502.2	12/06/2003 6:34 PM
Bromomethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
Chloroethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
Trichlorofluoromethane		1.3	µg/L	5	E502.2	12/06/2003 6:34 PM
1,1-Dichloroethene		1.4	µg/L	5	E502.2	12/06/2003 6:34 PM
Methylene chloride		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,1-Dichloroethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
* cis-1,2-Dichloroethene	*	13	µg/L	5	E502.2	12/06/2003 6:34 PM
2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
Bromochloromethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
Chloroform		< 0.5	µg/L	50	E502.2	12/06/2003 6:34 PM
1,1,1-Trichloroethane		1.0	µg/L	5	E502.2	12/06/2003 6:34 PM
Carbon tetrachloride		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
* Trichloroethene	*	140	µg/L	5	E502.2	12/06/2003 6:34 PM
1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
Dibromomethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
Bromodichloromethane		< 0.5	µg/L	50	E502.2	12/06/2003 6:34 PM
trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
* Tetrachloroethene	*	16	µg/L	5	E502.2	12/06/2003 6:34 PM
1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
Dibromochloromethane		< 0.5	µg/L	50	E502.2	12/06/2003 6:34 PM
1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
Bromoform		< 0.5	µg/L	50	E502.2	12/06/2003 6:34 PM
Bromobenzene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
2-Chlorotoluene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
4-Chlorotoluene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 12/8/2003

Joann M. Slavin
Laboratory Manager

301007

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0312142-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 12/3/2003 7:45:00 AM
Received : 12/3/2003 3:35:00 PM
Collected By : BG99
Copy : **Original**
CC ; NCHD

Client ID. : WELL #11 R
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	12/06/2003 6:34 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 12/8/2003

Joann M. Slavin
Laboratory Manager

301008

FF ✓
FK
OK

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : **0309598-001A**

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 9/22/03 7:00:00 AM
Received : 9/22/03 2:50:00 PM
Collected By : CLIENT
Copy : Original
CC ; NCHD

Client ID. : WELL #11 R
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 9.7	µg/L	5	E502.2	9/24/03 2:50:43 AM
Chloromethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	9/24/03 2:50:43 AM
Bromomethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
Chloroethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
Trichlorofluoromethane	1.1	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,1-Dichloroethene	1.6	µg/L	5	E502.2	9/24/03 2:50:43 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
* cis-1,2-Dichloroethene	* 15	µg/L	5	E502.2	9/24/03 2:50:43 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
Chloroform	< 0.5	µg/L	50	E502.2	9/24/03 2:50:43 AM
1,1,1-Trichloroethane	1.0	µg/L	5	E502.2	9/24/03 2:50:43 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
* Trichloroethene	* 150	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	9/24/03 2:50:43 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
* Tetrachloroethene	* 13	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	9/24/03 2:50:43 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
Bromoform	< 0.5	µg/L	50	E502.2	9/24/03 2:50:43 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 9/24/03

Joann M. Slavin
Laboratory Manager

301009

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : **0309598-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 9/22/03 7:00:00 AM
Received : 9/22/03 2:50:00 PM
Collected By : CLIENT
Copy : **Original**
CC ; NCHD

Point No : N-3935
Location : Well #11

Client ID. : WELL #11 R

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	9/24/03 2:50:43 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 9/24/03

Joann M. Slavin
Laboratory Manager

301010

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

FF ✓
FK ✓
OK

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0307306-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 7/9/2003 11:10:00 AM
Received : 7/9/2003 4:10:00 PM
Collected By : JG99
Copy : Original
CC ; DMK ; NCHD

Point No : N-3935
Location : Well #11

Client ID. : WELL #11 R

Parameter(s)		Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	*	7.4	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Chloromethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Vinyl chloride		< 0.5	µg/L	2	E502.2	7/11/2003 11:21:26 AM
Bromomethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Chloroethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Trichlorofluoromethane		0.6	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,1-Dichloroethene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Methylene chloride		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,1-Dichloroethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
cis-1,2-Dichloroethene		4.2	µg/L	5	E502.2	7/11/2003 11:21:26 AM
2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Bromochloromethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Chloroform		1.0	µg/L	50	E502.2	7/11/2003 11:21:26 AM
1,1,1-Trichloroethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Carbon tetrachloride		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
* Trichloroethene	*	140	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Dibromomethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Bromodichloromethane		< 0.5	µg/L	50	E502.2	7/11/2003 11:21:26 AM
trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
* Tetrachloroethene	*	15	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Dibromochloromethane		< 0.5	µg/L	50	E502.2	7/11/2003 11:21:26 AM
1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
Bromoform		< 0.5	µg/L	50	E502.2	7/11/2003 11:21:26 AM
Bromobenzene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
2-Chlorotoluene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
4-Chlorotoluene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM

esult(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 7/15/2003

Laboratory Manager

301011

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0307306-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 7/9/2003 11:10:00 AM
Received : 7/9/2003 4:10:00 PM
Collected By : JG99
Copy : **Original**
CC ; DMK ; NCHD

Client ID. : WELL #11 R
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/11/2003 11:21:26 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 7/15/2003

Joann M. Slavin
Laboratory Manager

301012

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0201210-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 1/9/02 7:00:00 AM
Received : 1/8/02 3:32:00 PM
Collected By : JG99
Copies To : NCHD, DMK

Client ID. : WELL #11-RAW
Point No : N-3935
Location : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 14	µg/L	5	E502.2	1/10/02 3:51:24 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/10/02 3:51:24 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
cis-1,2-Dichloroethene	5.0	µg/L	5	E502.2	1/10/02 3:51:24 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Chloroform	< 0.5	µg/L	50	E502.2	1/10/02 3:51:24 PM
1,1,1-Trichloroethane	1.4	µg/L	5	E502.2	1/10/02 3:51:24 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
* Trichloroethene	* 130	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/10/02 3:51:24 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
* 1,3-Dichloropropane	* 27	µg/L	5	E502.2	1/10/02 3:51:24 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/10/02 3:51:24 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/10/02 3:51:24 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM

sult(s) reported meet(s) Regulatory Limit(s).
sult(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 1/14/02

301013

HZM LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040, FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0201210-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 1/9/02 7:00:00 AM
Received : 1/9/02 3:32:00 PM
Collected By : JG99
Copies To : NCHD, DMK

Client ID. : WELL #11-RAW
Point No : N-3935
Location : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Benzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Toluene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Styrene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/10/02 3:51:24 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/10/02 3:51:24 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with ★ Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 1/14/02

301014

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

tF
FK

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0204978-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 4/30/2002 10:55:00 AM
Received : 4/30/2002 3:04:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Client ID. : WELL #11
Point No : N-3935
Location : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 14	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Chloromethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Vinyl chloride	< 1.0	µg/L	2	E502.2	5/1/2002 9:34:40 PM
Bromomethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Chloroethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Trichlorofluoromethane	1.3	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,1-Dichloroethene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Methylene chloride	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
trans-1,2-Dichloroethene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,1-Dichloroethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
* cis-1,2-Dichloroethene	* 9.2	µg/L	5	E502.2	5/1/2002 9:34:40 PM
2,2-Dichloropropane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Bromochloromethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Chloroform	< 1.0	µg/L	50	E502.2	5/1/2002 9:34:40 PM
1,1,1-Trichloroethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Carbon tetrachloride	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,1-Dichloropropene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,2-Dichloroethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
* Trichloroethene	* 210	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,2-Dichloropropane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Dibromomethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Bromodichloromethane	< 1.0	µg/L	50	E502.2	5/1/2002 9:34:40 PM
trans-1,3-Dichloropropene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
cis-1,3-Dichloropropene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,1,2-Trichloroethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
* Tetrachloroethene	* 19	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,3-Dichloropropane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Dibromochloromethane	< 1.0	µg/L	50	E502.2	5/1/2002 9:34:40 PM
1,1,1,2-Tetrachloroethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
Bromoform	< 1.0	µg/L	50	E502.2	5/1/2002 9:34:40 PM
Bromobenzene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,1,2,2-Tetrachloroethane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,2,3-Trichloropropane	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
2-Chlorotoluene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
4-Chlorotoluene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,2-Dichlorobenzene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,3-Dichlorobenzene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,4-Dichlorobenzene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,2,4-Trichlorobenzene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 5/2/2002

Joann M. Slavin
Laboratory Manager

301015

ELM LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0204978-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 4/30/2002 10:55:00 AM
Received : 4/30/2002 3:04:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Client ID. : WELL #11
Point No : N-3935
Location : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM
1,2,3-Trichlorobenzene	< 1.0	µg/L	5	E502.2	5/1/2002 9:34:40 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 5/2/2002

Joann M. Slavin
Laboratory Manager

301016

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

FF ✓
FK ✓
OK

Village of Garden City

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0208618-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 8/19/2002 6:15:00 AM
Received : 8/19/2002 4:00:00 PM
Collected By : JG99
Copies To : NCHD, DMK

Point No : N-3935
Location : Well #11

Client ID. : WELL #11 - RAW

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 12	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Chloromethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	8/21/2002 8:52:50 AM
Bromomethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Chloroethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Trichlorofluoromethane	1.2	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,1-Dichloroethene	2.9	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
* cis-1,2-Dichloroethene	* 21	µg/L	5	E502.2	8/21/2002 8:52:50 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Chloroform	< 0.5	µg/L	50	E502.2	8/21/2002 8:52:50 AM
1,1,1-Trichloroethane	2.2	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Carbon tetrachloride	0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
* Trichloroethene	* 240	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	8/21/2002 8:52:50 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
* Tetrachloroethene	* 24	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	8/21/2002 8:52:50 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
Bromoform	< 0.5	µg/L	50	E502.2	8/21/2002 8:52:50 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 8/23/2002

QA Manager

301017

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0208618-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 8/19/2002 6:15:00 AM
Received : 8/19/2002 4:00:00 PM
Collected By : JG99
Copies To : NCHD, DMK

Client ID. : WELL #11 - RAW
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	8/21/2002 8:52:50 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 8/23/2002

QA Manager

301018

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

FF ✓
FC ✓
OK

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0211037-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 11/01/02 1:40:00 PM
Received : 11/01/02 3:43:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Client ID. : WELL #11 - RAW
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 12	µg/L	5	E502.2	11/10/02 8:30:44 AM
Chloromethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	11/10/02 8:30:44 AM
Bromomethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Chloroethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Trichlorofluoromethane	1.6	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,1-Dichloroethene	0.7	µg/L	5	E502.2	11/10/02 8:30:44 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
* cis-1,2-Dichloroethene	* 8.2	µg/L	5	E502.2	11/10/02 8:30:44 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Chloroform	< 0.5	µg/L	50	E502.2	11/10/02 8:30:44 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
* Trichloroethene	* 130	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	11/10/02 8:30:44 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
* Tetrachloroethene	* 14	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	11/10/02 8:30:44 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
Bromoform	< 0.5	µg/L	50	E502.2	11/10/02 8:30:44 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 11/14/02

Joann M. Slavin
Laboratory Manager

301019

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0211037-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 11/01/02 1:40:00 PM
Received : 11/01/02 3:43:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Client ID. : WELL #11 - RAW
Point No : N-3935
Location : Well #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	11/10/02 8:30:44 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 11/14/02

Joann M. Slavin
Laboratory Manager

301020

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0101339-002A**

Sample Information...
Type : Potable Water
Origin: Raw Well

Federal ID : 2902824
Collected : 1/15/01 10:20:00 AM
Received : 1/15/01 2:38:00 PM
Collected By BG99
Copies To : NCHD,DMK

Point No: N-3935
Location: WELL #11

Client ID. : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 17	µg/L	5	E502.2	1/16/01 7:29:28 AM
Chloromethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/16/01 7:29:28 AM
Bromomethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
Chloroethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
Trichlorofluoromethane	2.3	µg/L	5	E502.2	1/16/01 7:29:28 AM
* 1,1-Dichloroethene	* 5.4	µg/L	5	E502.2	1/16/01 7:29:28 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
* cis-1,2-Dichloroethene	* 41	µg/L	5	E502.2	1/16/01 7:29:28 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
Chloroform	< 0.5	µg/L	50	E502.2	1/16/01 7:29:28 AM
1,1,1-Trichloroethane	4.6	µg/L	5	E502.2	1/16/01 7:29:28 AM
Carbon tetrachloride	0.8	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
* Trichloroethene	* 350	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/16/01 7:29:28 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
* Tetrachloroethene	* 38	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/16/01 7:29:28 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
Bromoform	< 0.5	µg/L	50	E502.2	1/16/01 7:29:28 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

301021

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0101339-002A

Sample Information...
Type : Potable Water
Origin: Raw Well

Federal ID : 2902824
Collected : 1/15/01 10:20:00 AM
Received : 1/15/01 2:38:00 PM
Collected By BG99
Copies To : NCHD,DMK

Point No: N-3935
Location: WELL #11

Client ID. : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 7:29:28 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

301022

FF
FK

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOHID# 10478

Village of Garden City

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0106545-001A

'01 JUL 11 AM 9:04

Sample Information...
Type : Potable Water
Origin : Raw Well
* Special

Federal ID 2902824
Collected : 6/19/01 6:50:00 AM
Received : 6/19/01 1:50:00 PM
Collected By : FF99
Copies To : NCHD, DMK

Point No : N-3935
Location : WELL #11

Client ID. : WELL #11 RAW

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 11	µg/L	5	E502.2	6/21/01 4:26:23 PM
Chloromethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	6/21/01 4:26:23 PM
Bromomethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Chloroethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Trichlorofluoromethane	2.0	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,1-Dichloroethene	3.7	µg/L	5	E502.2	6/21/01 4:26:23 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
* cis-1,2-Dichloroethene	* 26	µg/L	5	E502.2	6/21/01 4:26:23 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Chloroform	< 0.5	µg/L	50	E502.2	6/21/01 4:26:23 PM
1,1,1-Trichloroethane	3.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Carbon tetrachloride	0.7	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
* Trichloroethene	* 200	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	6/21/01 4:26:23 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
* Tetrachloroethene	* 29	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	6/21/01 4:26:23 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
Bromoform	< 0.5	µg/L	50	E502.2	6/21/01 4:26:23 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

301023

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0106545-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 6/19/01 6:50:00 AM *
Received : 6/19/01 1:50:00 PM
Collected By : FF99
Copies To : NCHD, DMK

Point No : N-3935
Location : WELL #11

Client ID. : WELL #11 RAW

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	6/21/01 4:26:23 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with ★ Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

301024

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID# 10478

FFC
FK
OK

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0109038-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

'01 OCT 19 AM 9:21

Client ID. : WELL #11 RAW

Federal ID 2902824
Collected : 9/4/01 11:00:00 AM
Received : 9/4/01 3:00:00 PM
Collected By : JG99
Copies To : NCHD, DMK

Point No : N-3935
Location : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 14	µg/L	5	E502.2	9/13/01 7:08:27 AM
Chloromethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	9/13/01 7:08:27 AM
Bromomethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
Chloroethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
Trichlorofluoromethane	1.6	µg/L	5	E502.2	9/13/01 7:08:27 AM
* 1,1-Dichloroethene	* 6.4	µg/L	5	E502.2	9/13/01 7:08:27 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
* cis-1,2-Dichloroethene	* 35	µg/L	5	E502.2	9/13/01 7:08:27 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
Chloroform	< 0.5	µg/L	50	E502.2	9/13/01 7:08:27 AM
1,1,1-Trichloroethane	5.0	µg/L	5	E502.2	9/13/01 7:08:27 AM
Carbon tetrachloride	0.7	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
* Trichloroethene	* 270	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	9/13/01 7:08:27 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
* Tetrachloroethene	* 61	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	9/13/01 7:08:27 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
Bromoform	< 0.5	µg/L	50	E502.2	9/13/01 7:08:27 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 9/24/01

301025

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0109038-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 9/4/01 11:00:00 AM
Received : 9/4/01 3:00:00 PM
Collected By : JG99
Copies To : NCHD, DMK

Client ID. : WELL #11 RAW
Point No : N-3935
Location : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	9/13/01 7:08:27 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 9/24/01

301026

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

Village / Garden City
Rec'd

LABORATORY RESULTS

Lab No. : **0112594-001A**

'02 JAN -4 A8:44

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 12/19/01 11:05:00 AM
Received : 12/19/01 3:44:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Client ID. : WELL #11 RAW
Point No : N-3935
Location : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 16	µg/L	5	E502.2	12/24/01 4:19:14 AM
Chloromethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	12/24/01 4:19:14 AM
Bromomethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
Chloroethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
Trichlorofluoromethane	1.9	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,1-Dichloroethene	4.8	µg/L	5	E502.2	12/24/01 4:19:14 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
* cis-1,2-Dichloroethene	* 40	µg/L	5	E502.2	12/24/01 4:19:14 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
Chloroform	< 0.5	µg/L	50	E502.2	12/24/01 4:19:14 AM
1,1,1-Trichloroethane	3.6	µg/L	5	E502.2	12/24/01 4:19:14 AM
Carbon tetrachloride	0.8	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
* Trichloroethene	* 270	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	12/24/01 4:19:14 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
* Tetrachloroethene	* 38	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	12/24/01 4:19:14 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
Bromoform	< 0.5	µg/L	50	E502.2	12/24/01 4:19:14 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 12/28/01

301027

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0112594-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 12/19/01 11:05:00 AM
Received : 12/19/01 3:44:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Point No : N-3935
Location : WELL #11

Client ID. : WELL #11 RAW

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	12/24/01 4:19:14 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 12/28/01

301028

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX (631) 420-8436 NYSDOH ID# 10478

Village of Garden City

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0103465-001A

Sample Information...
Type : Potable Water
Origin: Raw Well

Federal ID : 2902824
Collected : 3/19/01 7:15:00 AM
Received : 3/19/01 2:48:00 PM
Collected By JG99
Copies To : NCHD, DMK

Point No: N-3935
Location: WELL #11

Client ID. : WELL #11

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 13	µg/L	5	E502.2	3/20/01 5:41:29 AM
Chloromethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	3/20/01 5:41:29 AM
Bromomethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
Chloroethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
Trichlorofluoromethane	2.2	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,1-Dichloroethene	2.9	µg/L	5	E502.2	3/20/01 5:41:29 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
* cis-1,2-Dichloroethene	* 36	µg/L	5	E502.2	3/20/01 5:41:29 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
Chloroform	< 0.5	µg/L	50	E502.2	3/20/01 5:41:29 AM
1,1,1-Trichloroethane	2.9	µg/L	5	E502.2	3/20/01 5:41:29 AM
Carbon tetrachloride	0.7	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
* Trichloroethene	* 290	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	3/20/01 5:41:29 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
* Tetrachloroethene	* 29	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	3/20/01 5:41:29 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
Bromoform	< 0.5	µg/L	50	E502.2	3/20/01 5:41:29 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	3/20/01 5:41:29 AM

Result(s) reported meet(s) Regulatory Limit(s).
*Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.*

Joann M. Slavin

301029

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0406050-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Client ID. : WELL 10 R
Collected : 6/1/2004 10:20:00 AM
Point No : N-3934
Received : 6/1/2004 3:45:00 PM
Location : Well #10
Collected By : CLIENT
Copy : **Original**
CC ; NCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 6.2	µg/L	5	E502.2	06/05/2004 12:37 PM
Chloromethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	06/05/2004 12:37 PM
Bromomethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
Chloroethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
* 1,1-Dichloroethene	* 6.0	µg/L	5	E502.2	06/05/2004 12:37 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
1,1-Dichloroethane	0.8	µg/L	5	E502.2	06/05/2004 12:37 PM
* cis-1,2-Dichloroethene	* 19	µg/L	5	E502.2	06/05/2004 12:37 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
Chloroform	0.7	µg/L	50	E502.2	06/05/2004 12:37 PM
1,1,1-Trichloroethane	3.9	µg/L	5	E502.2	06/05/2004 12:37 PM
Carbon tetrachloride	0.8	µg/L	5	E502.2	06/05/2004 12:37 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
* Trichloroethene	* 190	µg/L	5	E502.2	06/05/2004 1:32 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	06/05/2004 12:37 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
* Tetrachloroethene	* 230	µg/L	5	E502.2	06/05/2004 1:32 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	06/05/2004 12:37 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
Bromoform	< 0.5	µg/L	50	E502.2	06/05/2004 12:37 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	06/05/2004 12:37 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 6/8/2004

Joann M. Slavin
Laboratory Manager

301030

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

FFC
FKC

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0403702-001A

MAR 29 A9:31

Sample Information... OK
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 3/18/2004 7:30:00 AM
Received : 3/18/2004 3:26:00 PM
Collected By : CLIENT
Copy : Original
CC ; NCHD

Client ID. : WELL 10 R
Point No : N-3934
Location : Well #10

Parameter(s)		Results		Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane		4.8		µg/L	5	E502.2	03/22/2004 1:23 AM
Chloromethane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Vinyl chloride		< 0.5		µg/L	2	E502.2	03/22/2004 1:23 AM
Bromomethane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Chloroethane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Trichlorofluoromethane		0.7		µg/L	5	E502.2	03/22/2004 1:23 AM
* 1,1-Dichloroethene	*	5.6		µg/L	5	E502.2	03/22/2004 1:23 AM
Methylene chloride		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
trans-1,2-Dichloroethene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
1,1-Dichloroethane		0.9		µg/L	5	E502.2	03/22/2004 1:23 AM
* cis-1,2-Dichloroethene	*	22		µg/L	5	E502.2	03/22/2004 1:23 AM
2,2-Dichloropropane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Bromochloromethane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Chloroform		0.6		µg/L	50	E502.2	03/22/2004 1:23 AM
1,1,1-Trichloroethane		3.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Carbon tetrachloride		0.7		µg/L	5	E502.2	03/22/2004 1:23 AM
1,1-Dichloropropene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
1,2-Dichloroethane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
* Trichloroethene	*	180		µg/L	5	E502.2	03/22/2004 1:23 AM
1,2-Dichloropropane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Dibromomethane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Bromodichloromethane		< 0.5		µg/L	50	E502.2	03/22/2004 1:23 AM
trans-1,3-Dichloropropene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
cis-1,3-Dichloropropene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
1,1,2-Trichloroethane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
* Tetrachloroethene	*	140		µg/L	5	E502.2	03/22/2004 1:23 AM
1,3-Dichloropropane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Dibromochloromethane		< 0.5		µg/L	50	E502.2	03/22/2004 1:23 AM
1,1,1,2-Tetrachloroethane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
Bromoform		< 0.5		µg/L	50	E502.2	03/22/2004 1:23 AM
Bromobenzene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
1,1,2,2-Tetrachloroethane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
1,2,3-Trichloropropane		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
2-Chlorotoluene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
4-Chlorotoluene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
1,2-Dichlorobenzene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
1,3-Dichlorobenzene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
1,4-Dichlorobenzene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM
1,2,4-Trichlorobenzene		< 0.5		µg/L	5	E502.2	03/22/2004 1:23 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 3/25/2004

Joann M. Slavin
Laboratory Manager

301031

HZM LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0403702-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 3/18/2004 7:30:00 AM
Received : 3/18/2004 3:28:00 PM
Collected By : CLIENT
Copy : Original
CC ; NCHD

Point No : N-3934
Location : Well #10

Client ID. : WELL 10 R

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	03/22/2004 1:23 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	03/22/2004 1:23 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 3/25/2004

Joann M. Slavin
Laboratory Manager

301032

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : 0401105-001A

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Sample Information
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 1/6/04 7:25:00 AM
Received : 1/6/04 4:12:00 PM
Collected By : BG99
Copy : Original
CC ; DMK ; NCHD

Client ID. : WELL 10 R
Point No : N-3934
Location : Well #10

	Parameter(s)		Results	Units	Limit	Method Number	Analyzed
	Dichlorodifluoromethane		4.8	µg/L	5	E502.2	01/07/2004 12:23 PM
	Chloromethane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	Vinyl chloride		< 0.5	µg/L	2	E502.2	01/07/2004 12:23 PM
	Bromomethane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	Chloroethane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	Trichlorofluoromethane		0.8	µg/L	5	E502.2	01/07/2004 12:23 PM
*	1,1-Dichloroethene	*	6.1	µg/L	5	E502.2	01/07/2004 12:23 PM
	Methylene chloride		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,1-Dichloroethane		0.8	µg/L	5	E502.2	01/07/2004 12:23 PM
*	cis-1,2-Dichloroethene	*	26	µg/L	5	E502.2	01/07/2004 12:23 PM
	2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	Bromochloromethane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	Chloroform		0.6	µg/L	50	E502.2	01/07/2004 12:23 PM
	1,1,1-Trichloroethane		4.1	µg/L	5	E502.2	01/07/2004 12:23 PM
	Carbon tetrachloride		0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
*	Trichloroethene	*	260	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	Dibromomethane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	Bromodichloromethane		< 0.5	µg/L	50	E502.2	01/07/2004 12:23 PM
	trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
*	Tetrachloroethene	*	210	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	Dibromochloromethane		< 0.5	µg/L	50	E502.2	01/07/2004 12:23 PM
	Chlorobenzene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	Bromoform		< 0.5	µg/L	50	E502.2	01/07/2004 12:23 PM
	Bromobenzene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	2-Chlorotoluene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	4-Chlorotoluene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
	1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 1/8/04

Joann M. Slavin
Laboratory Manager

301033

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0401105-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 1/6/04 7:25:00 AM
Received : 1/6/04 4:12:00 PM
Collected By : BG99
Copy : Original
CC ; DMK ; NCHD

Point No : N-3934
Location : Well #10

Client ID. : WELL 10 R

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
Benzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
Toluene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
o-Xylene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
Styrene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
Methyl tert-butyl ether	< 0.5	µg/L	10	E502.2	01/07/2004 12:23 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	01/07/2004 12:23 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 1/8/04

Joann M. Slavin
Laboratory Manager

301034

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436

Village of Garden City
Received Per

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

'03 DEC 16 A8:52

Lab No. : 0312371-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 12/10/03 8:35:00 AM
Received : 12/10/03 3:32:00 PM
Collected By : BG99
Copy : Original
CC ; DMK ; NCHD

Point No : N-3934
Location : Well #10

Client ID. : WELL 10 R

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 5.2	µg/L	5	E502.2	12/12/2003 3:00 AM
Chloromethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	12/12/2003 3:00 AM
Bromomethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Chloroethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
* 1,1-Dichloroethene	* 6.1	µg/L	5	E502.2	12/12/2003 3:00 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,1-Dichloroethane	0.6	µg/L	5	E502.2	12/12/2003 3:00 AM
* cis-1,2-Dichloroethene	* 21	µg/L	5	E502.2	12/12/2003 3:00 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Chloroform	< 0.5	µg/L	50	E502.2	12/12/2003 3:00 AM
1,1,1-Trichloroethane	4.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Carbon tetrachloride	0.7	µg/L	5	E502.2	12/12/2003 3:00 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
* Trichloroethene	* 230	µg/L	5	E502.2	12/12/2003 3:00 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	12/12/2003 3:00 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
* Tetrachloroethene	* 180	µg/L	5	E502.2	12/12/2003 3:00 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	12/12/2003 3:00 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
Bromoform	< 0.5	µg/L	50	E502.2	12/12/2003 3:00 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 12/15/03

Joann M. Slavin
Laboratory Manager

301035

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : **0312371-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 12/10/03 8:35:00 AM
Received : 12/10/03 3:32:00 PM
Collected By : BG99
Copy : **Original**
CC ; DMK ; NCHD

Client ID. : WELL 10 R
Point No : N-3934
Location : Well #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	12/12/2003 3:00 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 12/15/03

Joann M. Slavin
Laboratory Manager

301036

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

Village of Garden City

LABORATORY RESULTS

FF ✓
FK ✓
OK

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0309032-001A

'03 SEP 11 A9:07

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 9/2/2003 11:20:00 AM
Received : 9/2/2003 3:45:00 PM
Collected By : JG99
Copy : Original
CC ; NCHD

Point No : N-3934
Location : Well #10

Client ID. : WELL #10 R

Parameter(s)		Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	*	5.1	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Chloromethane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Vinyl chloride		< 0.5	µg/L	2	E502.2	9/3/2003 5:01:21 PM
Bromomethane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Chloroethane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Trichlorofluoromethane		0.6	µg/L	5	E502.2	9/3/2003 5:01:21 PM
* 1,1-Dichloroethene	*	6.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Methylene chloride		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,1-Dichloroethane		0.6	µg/L	5	E502.2	9/3/2003 5:01:21 PM
* cis-1,2-Dichloroethene	*	26	µg/L	5	E502.2	9/3/2003 5:01:21 PM
2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Bromochloromethane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Chloroform		2.2	µg/L	50	E502.2	9/3/2003 5:01:21 PM
1,1,1-Trichloroethane	*	5.8	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Carbon tetrachloride		1.1	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
* Trichloroethene	*	270	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Dibromomethane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Bromodichloromethane		< 0.5	µg/L	50	E502.2	9/3/2003 5:01:21 PM
trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
* Tetrachloroethene	*	200	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Dibromochloromethane		< 0.5	µg/L	50	E502.2	9/3/2003 5:01:21 PM
1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
Bromoform		< 0.5	µg/L	50	E502.2	9/3/2003 5:01:21 PM
Bromobenzene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
2-Chlorotoluene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
4-Chlorotoluene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 9/4/2003

Laboratory Manager

301037

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0309032-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 9/2/2003 11:20:00 AM
Received : 9/2/2003 3:45:00 PM
Collected By : JG99
Copy : Original
CC ; NCHD

Client ID. : WELL #10 R
Point No : N-3934
Location : Well #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM
1,2,3-Trichlorobenzene	<.0.5	µg/L	5	E502.2	9/3/2003 5:01:21 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 9/4/2003

Joann M. Slavin
Laboratory Manager

301038

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

Village of Garden City
Park...

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0201129-001A

'02 JN 14 10:10

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 1/7/02 7:10:00 AM
Received : 1/7/02 3:20:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Client ID. : WELL #10 RAW
Point No : N-3934
Location : WELL #10

	Parameter(s)		Results	Units	Limit	Method Number	Analyzed
	Dichlorodifluoromethane		3.8	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Chloromethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Vinyl chloride		< 0.5	µg/L	2	E502.2	1/7/02 10:42:10 PM
	Bromomethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Chlcroethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Trichlorofluoromethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
*	1,1-Dichloroethene	*	9.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Methylene chloride		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,1-Dichloroethane		0.8	µg/L	5	E502.2	1/7/02 10:42:10 PM
*	cis-1,2-Dichloroethene	*	38	µg/L	5	E502.2	1/7/02 10:42:10 PM
	2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Bromochloromethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Chloroform		< 0.5	µg/L	50	E502.2	1/7/02 10:42:10 PM
*	1,1,1-Trichloroethane	*	7.1	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Carbon tetrachloride		1.2	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
*	Trichloroethene	*	370	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Dibromomethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Bromodichloromethane		< 0.5	µg/L	50	E502.2	1/7/02 10:42:10 PM
	trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
*	Tetrachloroethene	*	270	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Dibromochloromethane		< 0.5	µg/L	50	E502.2	1/7/02 10:42:10 PM
	1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	Bromoform		< 0.5	µg/L	50	E502.2	1/7/02 10:42:10 PM
	Bromobenzene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	2-Chlorotoluene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	4-Chlorotoluene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
	1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 1/11/02

301039

ELM LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0201129-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 1/7/02 7:10:00 AM
Received : 1/7/02 3:20:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Client ID. : WELL #10 RAW
Point No : N-3934
Location : WELL #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/7/02 10:42:10 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 1/11/02

301040

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

Village of Garden City
Received

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

'01 MAR 14 A11 :30

Lab No : 0102493-001A

Sample Information...
Type : Potable Water
Origin: Raw Well

Federal ID : 2902824
Collected : 2/21/01 8:20:00 AM
Received : 2/21/01 3:45:00 PM
Collected By BG99
Copies To : NCHD, DMK

Point No: N-3934
Location: WELL #10

Client ID. : WELL #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	3.0	µg/L	5	E502.2	2/23/01 10:00:33 PM
Chloromethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	2/23/01 10:00:33 PM
Bromomethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Chloroethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
* 1,1-Dichloroethene	* 9.4	µg/L	5	E502.2	2/23/01 10:00:33 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,1-Dichloroethane	1.2	µg/L	5	E502.2	2/23/01 10:00:33 PM
* cis-1,2-Dichloroethene	* 36	µg/L	5	E502.2	2/23/01 10:00:33 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Chloroform	1.0	µg/L	50	E502.2	2/23/01 10:00:33 PM
* 1,1,1-Trichloroethane	* 7.2	µg/L	5	E502.2	2/23/01 10:00:33 PM
Carbon tetrachloride	0.9	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
* Trichloroethene	* 330	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	2/23/01 10:00:33 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
* Tetrachloroethene	* 340	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	2/23/01 10:00:33 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Bromoform	< 0.5	µg/L	50	E502.2	2/23/01 10:00:33 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

301041

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0102493-001A**

Sample Information...
Type : Potable Water
Origin: Raw Well

Federal ID : 2902824
Collected : 2/21/01 8:20:00 AM
Received : 2/21/01 3:45:00 PM
Collected By BG99
Copies To : NCHD, DMK

Point No: N-3934
Location: WELL #10

Client ID. : WELL #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Benzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Toluene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
o-Xylene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Styrene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	2/23/01 10:00:33 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	2/23/01 10:00:33 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

301042

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

FF C
FK
OK

Village of Garden City

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0104496-001A

'01 APR 30 P3:03

Sample Information...
Type : Potable Water
Origin: Raw Well

Federal ID : 2902824
Collected : 4/18/01 8:15:00 AM Point No: N-3934
Received : 4/18/01 11:00:00 AM Location: WELL #10
Collected By RF99
Copies To : NCHD, DMK

Client ID. : WELL #10 - RAW

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	4.1	µg/L	5	E502.2	4/19/01 4:48:33 PM
Chloromethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	4/19/01 4:48:33 PM
Bromomethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
Chloroethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
* 1,1-Dichloroethene	* 11	µg/L	5	E502.2	4/19/01 4:48:33 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,1-Dichloroethane	1.3	µg/L	5	E502.2	4/19/01 4:48:33 PM
* cis-1,2-Dichloroethene	* 36	µg/L	5	E502.2	4/19/01 4:48:33 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
Chloroform	1.2	µg/L	50	E502.2	4/19/01 4:48:33 PM
* 1,1,1-Trichloroethane	* 8.3	µg/L	5	E502.2	4/19/01 4:48:33 PM
Carbon tetrachloride	1.7	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
* Trichloroethene	* 280	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	4/19/01 4:48:33 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
* Tetrachloroethene	* 380	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	4/19/01 4:48:33 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
Bromoform	< 0.5	µg/L	50	E502.2	4/19/01 4:48:33 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

301043

HZM LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0104496-001A**

Sample Information...
Type : Potable Water
Origin: Raw Well

Federal ID : 2902824
Collected : 4/18/01 8:15:00 AM
Received : 4/18/01 11:00:00 AM
Collected By RF99
Copies To : NCHD, DMK

Point No: N-3934
Location: WELL #10

Client ID. : WELL #10 - RAW

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/19/01 4:48:33 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

301044

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Lab No. : **0212126-001A**

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 12/4/02 9:35:00 AM
Received : 12/4/02 3:46:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Point No : N-3934
Location : Well #10

Client ID. : WELL 10(R)

	Parameter(s)		Results	Units	Limit	Method Number	Analyzed
*	Dichlorodifluoromethane	*	6.7	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Chloromethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Vinyl chloride		< 0.5	µg/L	2	E502.2	12/8/02 4:33:03 AM
	Bromomethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Chloroethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Trichlorofluoromethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
*	1,1-Dichloroethene	*	5.7	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Methylene chloride		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,1-Dichloroethane		0.8	µg/L	5	E502.2	12/8/02 4:33:03 AM
*	cis-1,2-Dichloroethene	*	34	µg/L	5	E502.2	12/8/02 4:33:03 AM
	2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Bromochloromethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Chloroform		0.6	µg/L	50	E502.2	12/8/02 4:33:03 AM
	1,1,1-Trichloroethane		4.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Carbon tetrachloride		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
*	Trichloroethene	*	410	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Dibromomethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Bromodichloromethane		< 0.5	µg/L	50	E502.2	12/8/02 4:33:03 AM
	trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
*	Tetrachloroethene	*	200	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Dibromochloromethane		< 0.5	µg/L	50	E502.2	12/8/02 4:33:03 AM
	1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	Bromoform		< 0.5	µg/L	50	E502.2	12/8/02 4:33:03 AM
	Bromobenzene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	2-Chlorotoluene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	4-Chlorotoluene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
	1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 12/10/02

Joann M. Slavin
Laboratory Manager

301045

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : **0212126-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 12/4/02 9:35:00 AM
Received : 12/4/02 3:46:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Point No : N-3934
Location : Well #10

Client ID. : WELL 10(R)

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	12/8/02 4:33:03 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 12/10/02

Joann M. Slavin
Laboratory Manager

301046

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

Village of Garden City

LABORATORY RESULTS

Lab No. : **0210889-001A**

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 10/28/02 7:05:00 AM
Received : 10/28/02 11:00:00 AM
Collected By : JG99
Copies To : NCHD, DMK

Client ID. : WELL #10 (RAW)
Point No : N-3934
Location : Well #10

	Parameter(s)		Results	Units	Limit	Method Number	Analyzed
*	Dichlorodifluoromethane	*	5.6	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Chloromethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Vinyl chloride		< 0.5	µg/L	2	E502.2	11/3/02 9:04:37 AM
	Bromomethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Chloroethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Trichlorofluoromethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
*	1,1-Dichloroethene	*	6.8	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Methylene chloride		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,1-Dichloroethane		0.8	µg/L	5	E502.2	11/3/02 9:04:37 AM
*	cis-1,2-Dichloroethene	*	28	µg/L	5	E502.2	11/3/02 9:04:37 AM
	2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Bromochloromethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Chloroform		< 0.5	µg/L	50	E502.2	11/3/02 9:04:37 AM
	1,1,1-Trichloroethane	*	5.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Carbon tetrachloride		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
*	Trichloroethene	*	280	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Dibromomethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Bromodichloromethane		< 0.5	µg/L	50	E502.2	11/3/02 9:04:37 AM
	trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
*	Tetrachloroethene	*	210	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Dibromochloromethane		< 0.5	µg/L	50	E502.2	11/3/02 9:04:37 AM
	1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	Bromoform		< 0.5	µg/L	50	E502.2	11/3/02 9:04:37 AM
	Bromobenzene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	2-Chlorotoluene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	4-Chlorotoluene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
	1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 11/6/02

Joann M. Slavin
Laboratory Manager

301047

PZM LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0210889-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 10/28/02 7:05:00 AM
Received : 10/28/02 11:00:00 AM
Collected By : JG99
Copies To : NCHD, DMK

Client ID. : WELL #10 (RAW)
Point No : N-3934
Location : Well #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	11/3/02 9:04:37 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 11/6/02

Joann M. Slavin
Laboratory Manager

301048

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

HFC
FKC
OK

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0209947-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 9/30/02 8:40:00 AM
Received : 9/30/02 3:10:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Point No : N-3934
Location : Well #10

Client ID. : WELL #10 - RAW

	Parameter(s)		Results	Units	Limit	Method Number	Analyzed
	Dichlorodifluoromethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Chloromethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Vinyl chloride		< 0.5	µg/L	2	E502.2	10/6/02 2:04:56 AM
	Bromomethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Chloroethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Trichlorofluoromethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
*	1,1-Dichloroethene	*	7.4	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Methylene chloride		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,1-Dichloroethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
*	cis-1,2-Dichloroethene	*	36	µg/L	5	E502.2	10/6/02 2:04:56 AM
	2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Bromochloromethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Chloroform		< 0.5	µg/L	50	E502.2	10/6/02 2:04:56 AM
	1,1,1-Trichloroethane	*	5.9	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Carbon tetrachloride		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
*	Trichloroethene	*	110	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Dibromomethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Bromodichloromethane		< 0.5	µg/L	50	E502.2	10/6/02 2:04:56 AM
	trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
*	Tetrachloroethene	*	190	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Dibromochloromethane		< 0.5	µg/L	50	E502.2	10/6/02 2:04:56 AM
	1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	Bromoform		< 0.5	µg/L	50	E502.2	10/6/02 2:04:56 AM
	Bromobenzene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	2-Chlorotoluene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	4-Chlorotoluene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
	1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 10/9/02

Joann M. Slavin
Laboratory Manager

301049

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To :

Lab No. : 0209947-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Routine

Federal ID 2902824
Collected : 9/30/02 8:40:00 AM
Received : 9/30/02 3:10:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Client ID. : WELL #10 - RAW
Point No : N-3934
Location : Well #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/6/02 2:04:56 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 10/9/02

Joann M. Slavin
Laboratory Manager

301050

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

Village of Garden City

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0208658-001A

'02 AUG 28 19:13

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 8/20/02 6:30:00 AM
Received : 8/20/02 3:28:00 PM
Collected By : JG99
Copies To : NCHD, DMK

Point No : N-3934
Location : Well #10

Client ID. : WELL #10 RAW

	Parameter(s)		Results	Units	Limit	Method Number	Analyzed
	Dichlorodifluoromethane		3.1	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Chloromethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Vinyl chloride		< 0.5	µg/L	2	E502.2	8/22/02 6:14:43 AM
	Bromomethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Chloroethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Trichlorofluoromethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
*	1,1-Dichloroethene	*	8.1	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Methylene chloride		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,1-Dichloroethane		0.6	µg/L	5	E502.2	8/22/02 6:14:43 AM
*	cis-1,2-Dichloroethene	*	31	µg/L	5	E502.2	8/22/02 6:14:43 AM
	2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Bromochloromethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Chloroform		< 0.5	µg/L	50	E502.2	8/22/02 6:14:43 AM
	1,1,1-Trichloroethane	*	6.0	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Carbon tetrachloride		0.6	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
*	Trichloroethene	*	350	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Dibromomethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Bromodichloromethane		< 0.5	µg/L	50	E502.2	8/22/02 6:14:43 AM
	trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
*	Tetrachloroethene	*	220	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Dibromochloromethane		< 0.5	µg/L	50	E502.2	8/22/02 6:14:43 AM
	1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	Bromoform		< 0.5	µg/L	50	E502.2	8/22/02 6:14:43 AM
	Bromobenzene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	2-Chlorotoluene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	4-Chlorotoluene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
	1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 8/26/02

QA Manager

301051

H2M LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0208658-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 8/20/02 6:30:00 AM
Received : 8/20/02 3:28:00 PM
Collected By : JG99
Copies To : NCHD, DMK

Client ID. : WELL #10 RAW
Point No : N-3934
Location : Well #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	8/22/02 6:14:43 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 8/26/02

QA Manager

301052

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID # 10478

FF ✓
FIC ✓
OK

Village of Garden City
Rec'd

LABORATORY RESULTS

Lab No. : **0203735-001A**

02 APR -2 P4:29

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 3/27/02 9:45:00 AM
Received : 3/27/02 11:02:00 AM
Collected By : FF99
Copies To : NCHD, DMK

Point No : N-3934
Location : WELL #10

Client ID. : WELL #10 RAW

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
* Dichlorodifluoromethane	* 8.2	µg/L	5	E502.2	3/28/02 2:19:42 AM
Chloromethane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	3/28/02 2:19:42 AM
Bromomethane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
Chloroethane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
Trichlorofluoromethane	0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
* 1,1-Dichloroethene	* 11	µg/L	5	E502.2	3/28/02 2:19:42 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,1-Dichloroethane	1.3	µg/L	5	E502.2	3/28/02 2:19:42 AM
* cis-1,2-Dichloroethene	* 28	µg/L	5	E502.2	3/28/02 2:19:42 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
Chloroform	0.7	µg/L	50	E502.2	3/28/02 2:19:42 AM
1,1,1-Trichloroethane	* 7.8	µg/L	5	E502.2	3/28/02 2:19:42 AM
Carbon tetrachloride	1.3	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,2-Dichloroethane	0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
* Trichloroethene	* 270	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	3/28/02 2:19:42 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
* Tetrachloroethene	* 300	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	3/28/02 2:19:42 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
Bromoform	< 0.5	µg/L	50	E502.2	3/28/02 2:19:42 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 3/28/02

Joann M. Slavin
Laboratory Manager

301053

HZM LABS, INC.
575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : **0203735-001A**

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 3/27/02 9:45:00 AM
Received : 3/27/02 11:02:00 AM
Collected By : FF99
Copies To : NCHD, DMK

Client ID. : **WELL #10 RAW**
Point No : N-3934
Location : WELL #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	3/28/02 2:19:42 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 3/28/02

Joann M. Slavin
Laboratory Manager

301054

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0107544-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 7/18/01 7:15:00 AM
Received : 7/18/01 3:30:00 PM
Collected By : RF99
Copies To : NCHD, DMK

Point No : N-3934
Location : WELL #10

Client ID. : WELL #10 RAW

	Parameter(s)		Results	Units	Limit	Method Number	Analyzed
	Dichlorodifluoromethane		4.6	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Chloromethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Vinyl chloride		< 0.5	µg/L	2	E502.2	7/20/01 8:41:00 PM
	Bromomethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Chloroethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Trichlorofluoromethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
*	1,1-Dichloroethene	*	13	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Methylene chloride		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	trans-1,2-Dichloroethene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,1-Dichloroethane		1.4	µg/L	5	E502.2	7/20/01 8:41:00 PM
*	cis-1,2-Dichloroethene	*	22	µg/L	5	E502.2	7/20/01 8:41:00 PM
	2,2-Dichloropropane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Bromochloromethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Chloroform		0.9	µg/L	50	E502.2	7/20/01 8:41:00 PM
*	1,1,1-Trichloroethane	*	8.9	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Carbon tetrachloride		1.1	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,1-Dichloropropene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,2-Dichloroethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
*	Trichloroethene	*	210	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,2-Dichloropropane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Dibromomethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Bromodichloromethane		< 0.5	µg/L	50	E502.2	7/20/01 8:41:00 PM
	trans-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	cis-1,3-Dichloropropene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,1,2-Trichloroethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
*	Tetrachloroethene	*	370	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,3-Dichloropropane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Dibromochloromethane		< 0.5	µg/L	50	E502.2	7/20/01 8:41:00 PM
	1,1,1,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	Bromoform		< 0.5	µg/L	50	E502.2	7/20/01 8:41:00 PM
	Bromobenzene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,1,2,2-Tetrachloroethane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,2,3-Trichloropropane		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	2-Chlorotoluene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	4-Chlorotoluene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,2-Dichlorobenzene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,3-Dichlorobenzene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,4-Dichlorobenzene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
	1,2,4-Trichlorobenzene		< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 7/25/01

301055

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0107544-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 7/18/01 7:15:00 AM
Received : 7/18/01 3:30:00 PM
Collected By : RF99
Copies To : NCHD, DMK

Client ID. : WELL #10 RAW
Point No : N-3934
Location : WELL #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/20/01 8:41:00 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

Date Reported : 7/25/01

301056

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 FAX (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0112807-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 12/28/01 10:50:00 AM
Received : 12/28/01 3:30:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Point No : N-3934
Location : WELL #10

Client ID. : WELL #10 RAW

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	2.3	µg/L	5	E502.2	1/2/02 11:06:21 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/2/02 11:06:21 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
★ 1,1-Dichloroethene	★ 7.9	µg/L	5	E502.2	1/2/02 11:06:21 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,1-Dichloroethane	0.9	µg/L	5	E502.2	1/2/02 11:06:21 PM
★ cis-1,2-Dichloroethene	★ 36	µg/L	5	E502.2	1/2/02 11:06:21 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
Chloroform	0.6	µg/L	50	E502.2	1/2/02 11:06:21 PM
★ 1,1,1-Trichloroethane	★ 6.1	µg/L	5	E502.2	1/2/02 11:06:21 PM
Carbon tetrachloride	0.8	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
★ Trichloroethene	★ 330	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/2/02 11:06:21 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
★ Tetrachloroethene	★ 320	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/2/02 11:06:21 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/2/02 11:06:21 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM

esult(s) reported meet(s) Regulatory Limit(s).
esult(s) flagged with ★ Exceed Regulatory Limit(s). Limit noted.

Joann M. Slavin

Date Reported : 1/4/02

301057

575 Broad Hollow Road, Melville NY 11747
(631) 694-3040 . FAX (631) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

GARDEN CITY, INC. VILLAGE OF
351 STEWART AVE
GARDEN CITY, NY 11530
Attn To : FRANK FEELEY

Lab No. : 0112807-001A

Sample Information...
Type : Potable Water
Origin : Raw Well
Special

Federal ID 2902824
Collected : 12/28/01 10:50:00 AM
Received : 12/28/01 3:30:00 PM
Collected By : BG99
Copies To : NCHD, DMK

Client ID. : WELL #10 RAW
Point No : N-3934
Location : WELL #10

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/2/02 11:06:21 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s), Limit noted.

Joann M. Slavin

Date Reported : 1/4/02

301058

SAMPLEDATE SOURCE WELL NUMBER N-03934 TOTAL DETECTIONS 1142	TRICHLOROETHENE >0 DETECTED	TETRACHLOROETHENE >0 DETECTED	1,1,1-TRICHLOROETHANE >0 DETECTED	1,1-DICHLOROETHENE >0 DETECTED
DETECTIONS	156	144	137	128
ANALYSES	176	168	176	167
MAXIMUM	1400.00	1100.00	74.00	69.00
MINIMUM	1.10	1.00	1.00	1.00
MEAN	266.85	325.48	24.52	21.53
MEDIAN	240.00	350.00	21.00	19.00
DATE RANGE OF SAMPLING				
FROM 9/20/77				
TO 9/26/00				
DATE OF FIRST DETECTION	9/20/77	3/21/78	10/2/79	5/27/86
DATE OF LAST DETECTION	9/26/00	9/26/00	9/26/00	9/26/00

301059

SAMPLEDATE SOURCE WELL NUMBER N-03934 TOTAL DETECTIONS 1142	CARBON TETRACHLORIDE >0 DETECTED	CIS-1,2-DICHLOROETHENE >0 DETECTED	DICHLORODIFLUOROMETHANE >0 DETECTED
DETECTIONS	120	108	92
ANALYSES	175	143	147
MAXIMUM	8.70	100.00	31.00
MINIMUM	0.50	2.90	0.90
MEAN	1.71	29.30	4.32
MEDIAN	1.30	28.00	2.80
DATE RANGE OF SAMPLING			
FROM 9/20/77			
TO 9/26/00			
DATE OF FIRST DETECTION	3/21/78	5/31/89	1/17/91
DATE OF LAST DETECTION	9/26/00	9/26/00	9/26/00

301060

SAMPLEDATE SOURCE WELL NUMBER N-03934 TOTAL DETECTIONS 1142	1,1-DICHLOROETHANE >0 DETECTED	CHLOROFORM >0 DETECTED	TRICHLOROFLUOROMETHANE >0 DETECTED	1,1,2-TRICHLOROETHANE >0 DETECTED
DETECTIONS	91	70	42	27
ANALYSES	167	171	160	169
MAXIMUM	32.00	3.00	59.00	1.00
MINIMUM	0.50	0.50	0.70	0.50
MEAN	1.64	1.03	9.72	0.58
MEDIAN	1.20	0.80	2.35	0.50
DATE RANGE OF SAMPLING				
FROM 9/20/77 TO 9/26/00				
DATE OF FIRST DETECTION	5/5/87	11/6/78	7/9/85	10/19/92
DATE OF LAST DETECTION	9/26/00	9/26/00	6/7/99	9/17/99

301061

SAMPLEDATE SOURCE WELL NUMBER N-03934 TOTAL DETECTIONS 1142	1,2-DICHLOROETHANE >0 DETECTED	1,1,1,2-TETRACHLOROEHTANE >0 DETECTED	BENZENE >0 DETECTED	1,2-DICHLOROPROPANE >0 DETECTED
DETECTIONS	8	4	4	3
ANALYSES	162	154	150	152
MAXIMUM	1.10	0.90	2.00	0.60
MINIMUM	0.60	0.50	0.50	0.60
MEAN	0.79	0.63	1.00	0.60
MEDIAN	0.70	0.55	0.75	0.60
DATE RANGE OF SAMPLING				
FROM 9/20/77 TO 9/26/00				
DATE OF FIRST DETECTION	1/20/92	6/15/94	10/21/93	10/8/98
DATE OF LAST DETECTION	8/27/99	10/8/98	4/11/96	10/8/98

301062

SAMPLEDATE SOURCE WELL NUMBER N-03934 TOTAL DETECTIONS 1142	METHYLENE CHLORIDE >0 DETECTED	1,1-DICHLOROPROPENE >0 DETECTED	2,2-DICHLOROPROPANE >0 DETECTED	CHLOROETHANE >0 DETECTED
DETECTIONS	3	1	1	1
ANALYSES	166	144	127	143
MAXIMUM	8.10	130.00	0.70	25.00
MINIMUM	0.70	130.00	0.00	25.00
MEAN	3.27	130.00	0.35	25.00
MEDIAN	1.00	130.00	0.35	25.00
DATE RANGE OF SAMPLING				
FROM 9/20/77 TO 9/26/00				
DATE OF FIRST DETECTION	9/4/98	9/29/89	9/12/00	12/7/88
DATE OF LAST DETECTION	5/15/00	9/29/89	9/12/00	12/7/88

301063

SAMPLEDATE SOURCE WELL NUMBER N-03934 TOTAL DETECTIONS 1142	CHLOROMETHANE >0 DETECTED	TRANS-1,2-DICHLOROETHENE >0 DETECTED
DETECTIONS	1	1
ANALYSES	143	161
MAXIMUM	1.00	2.80
MINIMUM	1.00	2.80
MEAN	1.00	2.80
MEDIAN	1.00	2.80
DATE RANGE OF SAMPLING		
FROM 9/20/77		
TO 9/26/00		
DATE OF FIRST DETECTION	9/26/00	1/26/93
DATE OF LAST DETECTION	9/26/00	1/26/93

301064

SAMPLEDATE SOURCE WELL NUMBER N-03935 TOTAL DETECTIONS 2416	TRICHLOROETHENE >0 DETECTED	TETRACHLOROETHENE >0 DETECTED	1,1,1-TRICHLOROETHANE >0 DETECTED
DETECTIONS	311	302	290
ANALYSES	336	329	336
MAXIMUM	950.00	270.00	16.00
MINIMUM	8.00	0.90	0.60
MEAN	417.11	94.27	4.83
MEDIAN	480.00	64.50	3.75
DATE RANGE OF SAMPLING			
FROM 9/20/77			
TO 9/25/00			
DATE OF FIRST DETECTION	9/20/77	3/21/78	11/8/78
DATE OF LAST DETECTION	9/25/00	9/25/00	9/25/00

301065

SAMPLEDATE SOURCE WELL NUMBER N-03935 TOTAL DETECTIONS 2416	CARBON TETRACHLORIDE >0 DETECTED	TRICHLOROFLUOROMETHANE >0 DETECTED	1,1-DICHLOROETHENE >0 DETECTED
DETECTIONS	288	285	280
ANALYSES	336	317	328
MAXIMUM	8.20	230.00	17.00
MINIMUM	0.50	0.50	0.50
MEAN	2.03	15.55	4.06
MEDIAN	1.90	7.30	2.80
DATE RANGE OF SAMPLING			
FROM 9/20/77 TO 9/25/00			
DATE OF FIRST DETECTION	3/21/78	4/5/85	9/15/81
DATE OF LAST DETECTION	9/25/00	9/25/00	9/25/00

301066

SAMPLEDATE SOURCE WELL NUMBER N-03935 TOTAL DETECTIONS 2416	CIS-1,2-DICHLOROETHENE >0 DETECTED	DICHLORODIFLUOROMETHANE >0 DETECTED	CHLOROFORM >0 DETECTED
DETECTIONS	273	260	53
ANALYSES	307	308	332
MAXIMUM	425.00	45.00	9.30
MINIMUM	0.50	2.80	0.50
MEAN	40.45	9.83	1.44
MEDIAN	41.00	9.30	1.10
DATE RANGE OF SAMPLING			
FROM 9/20/77			
TO 9/25/00			
DATE OF FIRST DETECTION	11/8/78	2/12/91	10/6/80
DATE OF LAST DETECTION	9/25/00	9/25/00	9/25/00

301067

NASSAU COUNTY DEPARTMENT OF HEALTH

SAMPLEDATE SOURCE WELL NUMBER N-03935 TOTAL DETECTIONS 2416	1,1-DICHLOROETHANE >0 DETECTED	METHYLENE CHLORIDE >0 DETECTED	BENZENE >0 DETECTED	TRANS-1,2-DICHLOROETHENE >0 DETECTED
DETECTIONS	33	12	7	6
ANALYSES	328	321	210	318
MAXIMUM	4.70	11.00	5.00	4.00
MINIMUM	0.50	0.60	0.20	1.00
MEAN	0.75	2.28	1.29	1.85
MEDIAN	0.50	0.80	0.80	1.05
DATE RANGE OF SAMPLING				
FROM 9/20/77 TO 9/25/00				
DATE OF FIRST DETECTION	10/16/84	4/19/93	3/5/79	11/8/78
DATE OF LAST DETECTION	4/27/99	9/18/00	12/14/98	1/27/99

301068

SAMPLEDATE SOURCE WELL NUMBER N-03935 TOTAL DETECTIONS 2416	1,1-DICHLOROPROPENE >0 DETECTED	1,2,3-TRICHLOROBENZENE >0 DETECTED	1,2,4-TRICHLOROBENZENE >0 DETECTED
DETECTIONS	2	2	2
ANALYSES	302	190	190
MAXIMUM	490.00	8.00	5.00
MINIMUM	480.00	8.00	4.00
MEAN	485.00	8.00	4.50
MEDIAN	485.00	8.00	4.50
DATE RANGE OF SAMPLING			
FROM 9/20/77			
TO 9/25/00			
DATE OF FIRST DETECTION	10/13/98	5/7/85	5/7/85
DATE OF LAST DETECTION	2/22/99	6/6/85	6/6/85

301069

NASSAU COUNTY DEPARTMENT OF HEALTH

SAMPLEDATE	SOURCE	BROMODICHLOROMETHANE	HEXACHLOROBUTADIENE	1,1,1,2-TETRACHLOROEHTANE
WELL NUMBER		>0	>0	>0
N-03935		DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS				
2416				
	DETECTIONS	2	2	1
	ANALYSES	335	190	312
	MAXIMUM	2.00	8.00	1.00
	MINIMUM	0.90	8.00	1.00
	MEAN	1.45	8.00	1.00
	MEDIAN	1.45	8.00	1.00
DATE RANGE OF SAMPLING				
FROM	9/20/77			
TO	9/25/00			
	DATE OF FIRST DETECTION	9/9/80	5/7/85	9/11/79
	DATE OF LAST DETECTION	7/31/00	6/6/85	9/11/79

301070

SAMPLEDATE SOURCE WELL NUMBER N-03935 TOTAL DETECTIONS 2416	1,2-DICHLOROETHANE >0 DETECTED	1,2-DICHLOROPROPANE >0 DETECTED	2,2-DICHLOROPROPANE >0 DETECTED
DETECTIONS	1	1	1
ANALYSES	326	320	289
MAXIMUM	0.80	270.00	20.00
MINIMUM	0.80	270.00	0.00
MEAN	0.80	270.00	5.00
MEDIAN	0.80	270.00	0.00
DATE RANGE OF SAMPLING			
FROM 9/20/77			
TO 9/25/00			
DATE OF FIRST DETECTION	1/6/97	6/15/92	8/16/00
DATE OF LAST DETECTION	1/6/97	6/15/92	8/16/00

301071

SAMPLEDATE	SOURCE	BROMOCHLOROMETHANE	TOLUENE
	WELL NUMBER	>0	>0
	N-03935	DETECTED	DETECTED
	TOTAL DETECTIONS		
	2416		
	DETECTIONS	1	1
	ANALYSES	302	210
	MAXIMUM	1.00	5.00
	MINIMUM	1.00	5.00
	MEAN	1.00	5.00
	MEDIAN	1.00	5.00
DATE RANGE OF SAMPLING			
FROM	9/20/77		
TO	9/25/00		
	DATE OF FIRST DETECTION	4/26/96	3/5/79
	DATE OF LAST DETECTION	4/26/96	3/5/79

301072

SAMPLEDATE SOURCE WELL NUMBER N-10034 TOTAL DETECTIONS 8	CHLOROFORM >0 DETECTED	BROMOFORM >0 DETECTED	BROMODICHLOROMETHANE >0 DETECTED	CHLORODIBROMOMETHANE >0 DETECTED
DETECTIONS	3	2	1	1
ANALYSES	35	35	35	35
MAXIMUM	5.40	1.90	1.90	1.30
MINIMUM	4.00	1.10	1.90	1.30
MEAN	4.80	1.50	1.90	1.30
MEDIAN	5.00	1.50	1.90	1.30
DATE RANGE OF SAMPLING				
FROM 9/18/84				
TO 6/14/00				
DATE OF FIRST DETECTION	9/18/84	3/24/00	3/24/00	3/24/00
DATE OF LAST DETECTION	3/24/00	6/14/00	3/24/00	3/24/00

301073

SAMPLEDATE	SOURCE	TRICHLOROETHENE
	WELL NUMBER	>0
	N-10034	DETECTED
	TOTAL DETECTIONS	
	8	
	DETECTIONS	1
	ANALYSES	35
	MAXIMUM	1.00
	MINIMUM	1.00
	MEAN	1.00
	MEDIAN	1.00
DATE RANGE OF SAMPLING		
FROM	9/18/84	
TO	6/14/00	
	DATE OF FIRST DETECTION	9/18/84
	DATE OF LAST DETECTION	9/18/84

301074

SAMPLEDATE SOURCE WELL NUMBER N-10035 TOTAL DETECTIONS 6	TETRACHLOROETHENE >0 DETECTED	TRICHLOROETHENE >0 DETECTED	1,1,1-TRICHLOROETHANE >0 DETECTED	CHLOROFORM >0 DETECTED
DETECTIONS	2	2	1	1
ANALYSES	2	2	2	2
MAXIMUM	9.00	72.00	1.00	1.00
MINIMUM	8.00	70.00	1.00	1.00
MEAN	8.50	71.00	1.00	1.00
MEDIAN	8.50	71.00	1.00	1.00
DATE RANGE OF SAMPLING				
FROM 8/25/83 TO 4/11/84				
DATE OF FIRST DETECTION	8/25/83	8/25/83	8/25/83	8/25/83
DATE OF LAST DETECTION	4/11/84	4/11/84	8/25/83	8/25/83

301075

NASSAU COUNTY DEPARTMENT OF HEALTH

SAMPLEDATE	SOURCE	TETRACHLOROETHENE	TRICHLOROETHENE	CHLOROFORM	BROMOFORM
WELL NUMBER		>0	>0	>0	>0
N-00079		DETECTED	DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS					
24					
	DETECTIONS	9	6	5	2
	ANALYSES	88	88	88	81
	MAXIMUM	5.30	1.50	4.00	7.00
	MINIMUM	0.60	0.50	0.70	0.70
	MEAN	2.39	1.02	1.70	3.85
	MEDIAN	1.80	1.00	1.00	3.85
DATE RANGE OF SAMPLING					
FROM	11/15/77				
TO	9/12/00				
	DATE OF FIRST DETECTION	6/7/89	6/7/89	9/20/88	6/21/90
	DATE OF LAST DETECTION	11/21/90	9/18/90	6/8/99	9/20/90

301076

SAMPLEDATE SOURCE WELL NUMBER N-00079 TOTAL DETECTIONS 24	BROMODICHLOROMETHANE >0 DETECTED	CHLORODIBROMOMETHANE >0 DETECTED
DETECTIONS	1	1
ANALYSES	86	79
MAXIMUM	4.00	9.00
MINIMUM	4.00	9.00
MEAN	4.00	9.00
MEDIAN	4.00	9.00
DATE RANGE OF SAMPLING		
FROM 11/15/77		
TO 9/12/00		
DATE OF FIRST DETECTION	6/21/90	6/21/90
DATE OF LAST DETECTION	6/21/90	6/21/90

301077

SAMPLEDATE SOURCE WELL NUMBER N-00080 TOTAL DETECTIONS 29	1,2,4-TRIMETHYLBENZENE >0 DETECTED	N-BUTYLBENZENE >0 DETECTED	1,3,5-TRIMETHLYBENZENE >0 DETECTED
DETECTIONS	7	7	6
ANALYSES	50	50	50
MAXIMUM	14.00	5.30	3.50
MINIMUM	0.60	0.70	0.70
MEAN	4.09	2.43	1.78
MEDIAN	2.50	1.30	1.45
DATE RANGE OF SAMPLING			
FROM 11/16/77 TO 9/12/00			
DATE OF FIRST DETECTION	3/11/97	12/10/96	12/10/96
DATE OF LAST DETECTION	12/18/98	9/15/98	6/9/98

301078

SAMPLEDATE SOURCE WELL NUMBER N-00080 TOTAL DETECTIONS 29	P-ISOPROPYLTOLUENE >0 DETECTED	CHLOROFORM >0 DETECTED	BROMOFORM >0 DETECTED	CHLORODIBROMOMETHANE >0 DETECTED
DETECTIONS	3	2	1	1
ANALYSES	50	71	66	64
MAXIMUM	1.30	2.00	0.50	0.50
MINIMUM	0.60	0.90	0.50	0.50
MEAN	1.00	1.45	0.50	0.50
MEDIAN	1.10	1.45	0.50	0.50
DATE RANGE OF SAMPLING				
FROM 11/16/77 TO 9/12/00				
DATE OF FIRST DETECTION	12/10/96	5/17/78	6/27/97	6/27/97
DATE OF LAST DETECTION	12/2/97	9/20/88	6/27/97	6/27/97

301079

SAMPLEDATE SOURCE WELL NUMBER N-00080 TOTAL DETECTIONS 29	DICHLORODIFLUOROMETHANE >0 DETECTED	N-PROPYLBENZENE >0 DETECTED
DETECTIONS	1	1
ANALYSES	55	50
MAXIMUM	1.00	0.50
MINIMUM	1.00	0.50
MEAN	1.00	0.50
MEDIAN	1.00	0.50
DATE RANGE OF SAMPLING		
FROM 11/16/77		
TO 9/12/00		
DATE OF FIRST DETECTION	3/11/97	6/3/97
DATE OF LAST DETECTION	3/11/97	6/3/97

301080

SAMPLEDATE SOURCE WELL NUMBER N-00081 TOTAL DETECTIONS 25	DICHLORODIFLUOROMETHANE >0 DETECTED	1,2,4-TRIMETHYLBENZENE >0 DETECTED	1,3,5-TRIMETHLYBENZENE >0 DETECTED
DETECTIONS	16	3	2
ANALYSES	55	50	50
MAXIMUM	3.60	2.10	0.60
MINIMUM	0.60	1.50	0.50
MEAN	2.13	1.83	0.55
MEDIAN	2.00	1.90	0.55
DATE RANGE OF SAMPLING			
FROM 11/15/77			
TO 9/12/00			
DATE OF FIRST DETECTION	9/9/93	12/10/96	12/10/96
DATE OF LAST DETECTION	9/15/98	6/11/97	6/11/97

301081

SAMPLEDATE SOURCE WELL NUMBER N-00081 TOTAL DETECTIONS 25	N-BUTYLBENZENE >0 DETECTED	CHLOROMETHANE >0 DETECTED	P-ISOPROPYLTOLUENE >0 DETECTED
DETECTIONS	2	1	1
ANALYSES	50	50	50
MAXIMUM	1.70	1.00	2.10
MINIMUM	1.50	1.00	2.10
MEAN	1.60	1.00	2.10
MEDIAN	1.60	1.00	2.10
DATE RANGE OF SAMPLING			
FROM 11/15/77			
TO 9/12/00			
DATE OF FIRST DETECTION	3/11/97	11/22/83	12/10/96
DATE OF LAST DETECTION	6/11/97	11/22/83	12/10/96

301082

SAMPLEDATE SOURCE WELL NUMBER N-00082 TOTAL DETECTIONS 28	1,2,4-TRIMETHYLBENZENE >0 DETECTED	N-BUTYLBENZENE >0 DETECTED	1,3,5-TRIMETHLYBENZENE >0 DETECTED	TRICHLOROETHENE >0 DETECTED
DETECTIONS	10	9	8	1
ANALYSES	55	55	55	77
MAXIMUM	4.00	1.60	1.30	0.50
MINIMUM	0.80	0.60	0.50	0.50
MEAN	2.04	0.94	0.76	0.50
MEDIAN	1.90	0.90	0.70	0.50
DATE RANGE OF SAMPLING				
FROM 11/16/77 TO 9/20/00				
DATE OF FIRST DETECTION	6/8/95	6/8/95	6/8/95	12/18/98
DATE OF LAST DETECTION	3/17/98	3/17/98	3/17/98	12/18/98

301083

NASSAU COUNTY DEPARTMENT OF HEALTH

SAMPLEDATE SOURCE WELL NUMBER N-00083 TOTAL DETECTIONS 264	TRICHLOROETHENE >0 DETECTED	TETRACHLOROETHENE >0 DETECTED	CIS-1,2-DICHLOROETHENE >0 DETECTED
DETECTIONS	99	82	30
ANALYSES	104	99	84
MAXIMUM	145.00	44.00	0.90
MINIMUM	0.60	0.70	0.50
MEAN	20.72	5.63	0.63
MEDIAN	13.00	4.30	0.60
DATE RANGE OF SAMPLING			
FROM 11/16/77 TO 9/12/00			
DATE OF FIRST DETECTION	11/16/77	8/1/78	7/16/91
DATE OF LAST DETECTION	9/12/00	9/12/00	6/13/00

301084

SAMPLEDATE SOURCE WELL NUMBER N-00083 TOTAL DETECTIONS 264	DICHLORODIFLUOROMETHANE >0 DETECTED	CHLOROFORM >0 DETECTED	BROMODICHLOROMETHANE >0 DETECTED	BROMOFORM >0 DETECTED
DETECTIONS	26	11	3	3
ANALYSES	75	106	102	95
MAXIMUM	3.60	11.00	3.30	1.70
MINIMUM	0.50	0.50	0.90	0.60
MEAN	1.27	2.29	2.27	1.13
MEDIAN	1.10	1.60	2.60	1.10
DATE RANGE OF SAMPLING				
FROM 11/16/77 TO 9/12/00				
DATE OF FIRST DETECTION	2/9/93	12/26/78	12/8/92	12/8/92
DATE OF LAST DETECTION	3/14/00	12/8/98	2/9/93	2/9/93

301085

SAMPLEDATE SOURCE WELL NUMBER N-00083 TOTAL DETECTIONS 264	CHLORODIBROMOMETHANE >0 DETECTED	1,1,1-TRICHLOROETHANE >0 DETECTED	1,1-DICHLOROETHANE >0 DETECTED
DETECTIONS	3	2	1
ANALYSES	94	107	94
MAXIMUM	4.10	1.00	3.60
MINIMUM	0.80	1.00	3.60
MEAN	2.63	1.00	3.60
MEDIAN	3.00	1.00	3.60
DATE RANGE OF SAMPLING			
FROM 11/16/77 TO 9/12/00			
DATE OF FIRST DETECTION	12/8/92	6/8/79	12/12/89
DATE OF LAST DETECTION	2/9/93	6/21/88	12/12/89

301086

SAMPLEDATE SOURCE WELL NUMBER N-00083 TOTAL DETECTIONS 264	CARBON TETRACHLORIDE >0 DETECTED	CHLOROMETHANE >0 DETECTED	METHYLENE CHLORIDE >0 DETECTED	TOLUENE >0 DETECTED
DETECTIONS	1	1	1	1
ANALYSES	102	71	95	78
MAXIMUM	0.70	2.00	1.00	0.70
MINIMUM	0.70	2.00	1.00	0.70
MEAN	0.70	2.00	1.00	0.70
MEDIAN	0.70	2.00	1.00	0.70
DATE RANGE OF SAMPLING				
FROM 11/16/77 TO 9/12/00				
DATE OF FIRST DETECTION	11/29/88	11/22/83	12/15/78	7/19/94
DATE OF LAST DETECTION	11/29/88	11/22/83	12/15/78	7/19/94

301087

SAMPLEDATE SOURCE WELL NUMBER N-03668 TOTAL DETECTIONS 6	1,1-DICHLOROETHENE >0 DETECTED	CHLOROFORM >0 DETECTED	CIS-1,2-DICHLOROETHENE >0 DETECTED	ETHYLBENZENE >0 DETECTED	O-XYLENE >0 DETECTED
DETECTIONS	1	1	1	1	1
ANALYSES	70	77	66	62	54
MAXIMUM	1.00	5.00	1.00	0.80	0.90
MINIMUM	1.00	0.00	1.00	0.80	0.90
MEAN	1.00	2.50	1.00	0.80	0.90
MEDIAN	1.00	2.50	1.00	0.80	0.90
DATE RANGE OF SAMPLING					
FROM 9/22/77 TO 9/20/00					
DATE OF FIRST DETECTION	12/15/78	6/27/78	12/15/78	3/10/92	3/10/92
DATE OF LAST DETECTION	12/15/78	6/27/78	12/15/78	3/10/92	3/10/92

301088

SAMPLEDATE	SOURCE	TRICHLOROETHENE
	WELL NUMBER	>0
	N-03668	DETECTED
	TOTAL DETECTIONS	
	6	
	DETECTIONS	1
	ANALYSES	77
	MAXIMUM	1.00
	MINIMUM	1.00
	MEAN	1.00
	MEDIAN	1.00
DATE RANGE OF SAMPLING		
FROM	9/22/77	
TO	9/20/00	
	DATE OF FIRST DETECTION	12/15/78
	DATE OF LAST DETECTION	12/15/78

301089

SAMPLEDATE SOURCE	TRICHLOROETHENE	TETRACHLOROETHENE	DICHLORODIFLUOROMETHANE
WELL NUMBER	>0	>0	>0
N-04425	DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS			
275			
DETECTIONS	105	94	48
ANALYSES	112	106	83
MAXIMUM	36.00	99.00	11.00
MINIMUM	2.00	0.80	0.00
MEAN	12.27	37.75	3.61
MEDIAN	8.90	36.00	3.00
DATE RANGE OF SAMPLING			
FROM 12/12/77			
TO 9/6/00			
DATE OF FIRST DETECTION	12/12/77	6/10/80	11/14/91
DATE OF LAST DETECTION	9/6/00	9/6/00	6/7/00

301090

SAMPLEDATE SOURCE WELL NUMBER N-04425 TOTAL DETECTIONS 275	CIS-1,2-DICHLOROETHENE >0 DETECTED	1,1,1-TRICHLOROETHANE >0 DETECTED	CHLOROFORM >0 DETECTED	1,1-DICHLOROETHANE >0 DETECTED
DETECTIONS	14	2	2	1
ANALYSES	94	111	111	101
MAXIMUM	2.00	24.00	5.00	0.70
MINIMUM	0.50	7.10	2.00	0.70
MEAN	0.96	15.55	3.50	0.70
MEDIAN	0.60	15.55	3.50	0.70
DATE RANGE OF SAMPLING				
FROM 12/12/77 TO 9/6/00				
DATE OF FIRST DETECTION	5/23/90	12/26/78	12/26/78	12/12/89
DATE OF LAST DETECTION	12/18/98	5/3/94	5/23/90	12/12/89

301091

SAMPLEDATE SOURCE WELL NUMBER N-04425 TOTAL DETECTIONS 275	1,2,3-TRICHLOROBENZENE >0 DETECTED	1,2,4-TRICHLOROBENZENE >0 DETECTED	CARBON TETRACHLORIDE >0 DETECTED
DETECTIONS	1	1	1
ANALYSES	80	80	109
MAXIMUM	8.00	8.00	4.00
MINIMUM	8.00	8.00	4.00
MEAN	8.00	8.00	4.00
MEDIAN	8.00	8.00	4.00
DATE RANGE OF SAMPLING			
FROM 12/12/77			
TO 9/6/00			
DATE OF FIRST DETECTION	4/30/85	4/30/85	5/23/90
DATE OF LAST DETECTION	4/30/85	4/30/85	5/23/90

301092

SAMPLEDATE SOURCE WELL NUMBER N-04425 TOTAL DETECTIONS 275	CHLOROMETHANE >0 DETECTED	ETHYLBENZENE >0 DETECTED	HEXACHLOROBUTADIENE >0 DETECTED	METHYLENE CHLORIDE >0 DETECTED
DETECTIONS	1	1	1	1
ANALYSES	80	96	80	99
MAXIMUM	1.00	1.00	8.00	1.00
MINIMUM	1.00	1.00	8.00	1.00
MEAN	1.00	1.00	8.00	1.00
MEDIAN	1.00	1.00	8.00	1.00
DATE RANGE OF SAMPLING				
FROM 12/12/77 TO 9/6/00				
DATE OF FIRST DETECTION	11/23/82	5/23/90	4/30/85	10/16/90
DATE OF LAST DETECTION	11/23/82	5/23/90	4/30/85	10/16/90

301093

SAMPLEDATE	SOURCE	TOLUENE	TRICHLOROFLUOROMETHANE
WELL NUMBER		>0	>0
N-04425		DETECTED	DETECTED
TOTAL DETECTIONS			
275			
	DETECTIONS	1	1
	ANALYSES	98	94
	MAXIMUM	6.00	1.00
	MINIMUM	6.00	1.00
	MEAN	6.00	1.00
	MEDIAN	6.00	1.00
DATE RANGE OF SAMPLING			
FROM	12/12/77		
TO	9/6/00		
	DATE OF FIRST DETECTION	5/23/90	10/16/90
	DATE OF LAST DETECTION	5/23/90	10/16/90

301094

SAMPLEDATE SOURCE WELL NUMBER N-07298 TOTAL DETECTIONS 26	TRICHLOROETHENE >0 DETECTED	TETRACHLOROETHENE >0 DETECTED	CHLOROFORM >0 DETECTED	1,1-DICHLOROETHENE >0 DETECTED
DETECTIONS	11	10	2	1
ANALYSES	83	82	83	75
MAXIMUM	2.00	2.00	22.00	1.00
MINIMUM	0.60	0.50	0.50	1.00
MEAN	1.03	1.09	11.25	1.00
MEDIAN	1.00	1.00	11.25	1.00
DATE RANGE OF SAMPLING				
FROM 11/15/77 TO 9/12/00				
DATE OF FIRST DETECTION	11/5/79	6/7/89	9/20/88	11/25/86
DATE OF LAST DETECTION	12/18/98	8/16/91	6/8/99	11/25/86

301095

SAMPLEDATE	SOURCE	BROMODICHLOROMETHANE	DICHLORODIFLUOROMETHANE
WELL NUMBER		>0	>0
N-07298		DETECTED	DETECTED
TOTAL DETECTIONS			
26			
	DETECTIONS	1	1
	ANALYSES	82	58
	MAXIMUM	3.70	0.80
	MINIMUM	3.70	0.80
	MEAN	3.70	0.80
	MEDIAN	3.70	0.80
DATE RANGE OF SAMPLING			
FROM	11/15/77		
TO	9/12/00		
	DATE OF FIRST DETECTION	6/8/99	12/18/98
	DATE OF LAST DETECTION	6/8/99	12/18/98

301096

SAMPLEDATE SOURCE WELL NUMBER N-08264 TOTAL DETECTIONS 5	1,1-DICHLOROETHENE >0 DETECTED	CARBON TETRACHLORIDE >0 DETECTED	CHLOROFORM >0 DETECTED	TETRACHLOROETHENE >0 DETECTED
DETECTIONS	1	1	1	1
ANALYSES	69	75	75	75
MAXIMUM	1.00	4.00	0.70	1.00
MINIMUM	1.00	4.00	0.70	1.00
MEAN	1.00	4.00	0.70	1.00
MEDIAN	1.00	4.00	0.70	1.00
DATE RANGE OF SAMPLING				
FROM 9/22/77				
TO 9/12/00				
DATE OF FIRST DETECTION	12/9/86	12/12/77	9/20/88	12/27/89
DATE OF LAST DETECTION	12/9/86	12/12/77	9/20/88	12/27/89

301097

SAMPLEDATE	SOURCE	TRICHLOROETHENE
	WELL NUMBER	>0
	N-08264	DETECTED
	TOTAL DETECTIONS	
	5	
	DETECTIONS	1
	ANALYSES	75
	MAXIMUM	1.00
	MINIMUM	1.00
	MEAN	1.00
	MEDIAN	1.00
DATE RANGE OF SAMPLING		
FROM	9/22/77	
TO	9/12/00	
	DATE OF FIRST DETECTION	12/14/78
	DATE OF LAST DETECTION	12/14/78

301098

SAMPLEDATE SOURCE WELL NUMBER N-08474 TOTAL DETECTIONS 116	TRICHLOROETHENE >0 DETECTED	1,1,1-TRICHLOROETHANE >0 DETECTED	1,1-DICHLOROETHENE >0 DETECTED	TETRACHLOROETHENE >0 DETECTED
DETECTIONS	49	15	11	10
ANALYSES	159	159	110	158
MAXIMUM	34.00	3.00	12.00	6.00
MINIMUM	0.50	0.50	0.50	0.50
MEAN	8.99	1.13	1.86	1.80
MEDIAN	4.00	1.00	1.00	1.00
DATE RANGE OF SAMPLING				
FROM 9/23/77 TO 11/30/99				
DATE OF FIRST DETECTION	6/2/82	2/17/81	10/15/97	2/17/81
DATE OF LAST DETECTION	11/30/99	11/30/99	11/30/99	9/8/99

301099

SAMPLEDATE SOURCE WELL NUMBER N-08474 TOTAL DETECTIONS 116	CIS-1,2-DICHLOROETHENE >0 DETECTED	BROMOFORM >0 DETECTED	CHLORODIBROMOMETHANE >0 DETECTED	CHLOROFORM >0 DETECTED
DETECTIONS	8	6	5	4
ANALYSES	130	150	150	159
MAXIMUM	1.00	3.00	2.00	6.00
MINIMUM	0.50	0.50	0.50	1.00
MEAN	0.94	1.58	1.20	3.50
MEDIAN	1.00	1.50	1.00	3.50
DATE RANGE OF SAMPLING				
FROM 9/23/77 TO 11/30/99				
DATE OF FIRST DETECTION	6/17/97	10/11/84	8/23/94	3/14/80
DATE OF LAST DETECTION	9/8/99	12/3/97	5/27/99	4/30/97

301100

SAMPLEDATE SOURCE	BROMODICHLOROMETHANE	METHYLENE CHLORIDE	2,2-DICHLOROPROPANE
WELL NUMBER	>0	>0	>0
N-08474	DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS			
116			
DETECTIONS	2	2	1
ANALYSES	159	109	76
MAXIMUM	1.00	1.00	1.00
MINIMUM	1.00	1.00	0.00
MEAN	1.00	1.00	0.08
MEDIAN	1.00	1.00	0.00
DATE RANGE OF SAMPLING			
FROM 9/23/77			
TO 11/30/99			
DATE OF FIRST DETECTION	12/5/94	9/16/85	6/17/97
DATE OF LAST DETECTION	4/30/97	10/15/85	6/17/97

301101

SAMPLEDATE	SOURCE	CARBON TETRACHLORIDE	CHLOROETHANE	ETHYLBENZENE
WELL NUMBER		>0	>0	>0
N-08474		DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS				
116				
	DETECTIONS	1	1	1
	ANALYSES	159	94	122
	MAXIMUM	1.00	10.00	2.00
	MINIMUM	1.00	10.00	2.00
	MEAN	1.00	10.00	2.00
	MEDIAN	1.00	10.00	2.00
DATE RANGE OF SAMPLING				
FROM	9/23/77			
TO	11/30/99			
	DATE OF FIRST DETECTION	2/17/81	8/28/86	12/18/84
	DATE OF LAST DETECTION	2/17/81	8/28/86	12/18/84

301102

SAMPLEDATE SOURCE WELL NUMBER N-08475 TOTAL DETECTIONS 137	TRICHLOROETHENE >0 DETECTED	1,1-DICHLOROETHENE >0 DETECTED	TETRACHLOROETHENE >0 DETECTED	1,1,1-TRICHLOROETHANE >0 DETECTED
DETECTIONS	35	19	19	17
ANALYSES	157	108	157	157
MAXIMUM	177.00	3.00	3.00	2.00
MINIMUM	0.50	0.50	0.50	0.50
MEAN	20.73	1.39	1.18	1.09
MEDIAN	14.00	1.00	1.00	1.00
DATE RANGE OF SAMPLING				
FROM 9/23/77				
TO 12/14/99				
DATE OF FIRST DETECTION	3/28/88	6/14/96	10/15/97	2/17/81
DATE OF LAST DETECTION	12/14/99	12/14/99	12/14/99	12/14/99

301103

SAMPLEDATE SOURCE WELL NUMBER N-08475 TOTAL DETECTIONS 137	CIS-1,2-DICHLOROETHENE >0 DETECTED	CHLOROFORM >0 DETECTED	BROMOFORM >0 DETECTED	CHLORODIBROMOMETHANE >0 DETECTED
DETECTIONS	12	9	8	7
ANALYSES	127	157	149	149
MAXIMUM	2.00	4.00	3.00	2.00
MINIMUM	0.50	0.50	1.00	0.50
MEAN	1.08	1.33	1.88	1.14
MEDIAN	1.00	1.00	2.00	1.00
DATE RANGE OF SAMPLING				
FROM 9/23/77				
TO 12/14/99				
DATE OF FIRST DETECTION	6/19/97	2/17/81	12/11/87	8/23/94
DATE OF LAST DETECTION	12/14/99	5/27/99	5/27/99	5/27/99

301104

SAMPLEDATE SOURCE WELL NUMBER N-08475 TOTAL DETECTIONS 137	BROMODICHLOROMETHANE >0 DETECTED	1,1-DICHLOROETHANE >0 DETECTED	1,1-DICHLOROPROPENE >0 DETECTED
DETECTIONS	4	1	1
ANALYSES	156	107	77
MAXIMUM	2.00	1.00	0.50
MINIMUM	1.00	1.00	0.50
MEAN	1.50	1.00	0.50
MEDIAN	1.50	1.00	0.50
DATE RANGE OF SAMPLING			
FROM 9/23/77			
TO 12/14/99			
DATE OF FIRST DETECTION	11/12/96	9/8/99	6/19/97
DATE OF LAST DETECTION	5/27/99	9/8/99	6/19/97

301105

SAMPLEDATE SOURCE WELL NUMBER N-08475 TOTAL DETECTIONS 137	1,2,3-TRICHLOROBENZENE >0 DETECTED	1,2,4-TRICHLOROBENZENE >0 DETECTED	2,2-DICHLOROPROPANE >0 DETECTED
DETECTIONS	1	1	1
ANALYSES	79	79	71
MAXIMUM	8.00	8.00	1.00
MINIMUM	8.00	8.00	0.00
MEAN	8.00	8.00	0.08
MEDIAN	8.00	8.00	0.00
DATE RANGE OF SAMPLING			
FROM 9/23/77 TO 12/14/99			
DATE OF FIRST DETECTION	4/30/85	4/30/85	6/19/97
DATE OF LAST DETECTION	4/30/85	4/30/85	6/19/97

301106

SAMPLEDATE	SOURCE	HEXACHLOROBUTADIENE	METHYLENE CHLORIDE
	WELL NUMBER	>0	>0
	N-08475	DETECTED	DETECTED
	TOTAL DETECTIONS		
	137		
	DETECTIONS	1	1
	ANALYSES	79	107
	MAXIMUM	8.00	1.00
	MINIMUM	8.00	1.00
	MEAN	8.00	1.00
	MEDIAN	8.00	1.00
DATE RANGE OF SAMPLING			
FROM	9/23/77		
TO	12/14/99		
	DATE OF FIRST DETECTION	4/30/85	10/16/85
	DATE OF LAST DETECTION	4/30/85	10/16/85

301107

SAMPLEDATE SOURCE WELL NUMBER N-05484 TOTAL DETECTIONS 62	TRICHLOROETHENE >0 DETECTED	CHLOROFORM >0 DETECTED	CIS-1,2-DICHLOROETHENE >0 DETECTED	TETRACHLOROETHENE >0 DETECTED
DETECTIONS	34	7	7	5
ANALYSES	39	39	17	39
MAXIMUM	16.00	11.00	2.00	1.00
MINIMUM	1.00	1.00	1.00	1.00
MEAN	6.03	3.57	1.57	1.00
MEDIAN	6.00	3.00	2.00	1.00
DATE RANGE OF SAMPLING				
FROM 9/23/77 TO 3/31/88				
DATE OF FIRST DETECTION	2/27/80	2/17/81	2/17/84	2/17/81
DATE OF LAST DETECTION	3/31/88	1/28/87	12/12/86	4/6/84

301108

SAMPLEDATE SOURCE	BROMODICHLOROMETHANE	CHLORODIBROMOMETHANE	1,1,1-TRICHLOROETHANE
WELL NUMBER	>0	>0	>0
N-05484	DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS			
62			
DETECTIONS	4	3	2
ANALYSES	39	19	39
MAXIMUM	1.00	1.00	2.00
MINIMUM	1.00	1.00	1.00
MEAN	1.00	1.00	1.50
MEDIAN	1.00	1.00	1.50
DATE RANGE OF SAMPLING			
FROM 9/23/77			
TO 3/31/88			
DATE OF FIRST DETECTION	1/13/83	1/13/83	2/17/81
DATE OF LAST DETECTION	3/2/88	12/2/86	11/10/82

301109

SAMPLEDATE SOURCE WELL NUMBER N-05485 TOTAL DETECTIONS 169	TRICHLOROETHENE >0 DETECTED	CIS-1,2-DICHLOROETHENE >0 DETECTED	BROMOFORM >0 DETECTED	CHLOROFORM >0 DETECTED
DETECTIONS	87	17	16	16
ANALYSES	103	32	50	98
MAXIMUM	100.00	12.00	3.00	4.00
MINIMUM	1.00	1.00	1.00	1.00
MEAN	25.59	5.47	1.44	2.38
MEDIAN	22.00	5.00	1.00	2.00
DATE RANGE OF SAMPLING				
FROM 9/23/77 TO 1/24/86				
DATE OF FIRST DETECTION	1/26/78	10/13/78	6/18/82	7/31/80
DATE OF LAST DETECTION	9/4/85	9/4/85	7/24/85	6/19/84

301110

SAMPLEDATE SOURCE	CHLORODIBROMOMETHANE	BROMODICHLOROMETHANE	TETRACHLOROETHENE
WELL NUMBER	>0	>0	>0
N-05485	DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS			
169			
DETECTIONS	15	6	5
ANALYSES	45	98	98
MAXIMUM	7.00	2.00	26.00
MINIMUM	1.00	1.00	1.00
MEAN	2.87	1.33	6.20
MEDIAN	2.00	1.00	1.00
DATE RANGE OF SAMPLING			
FROM 9/23/77			
TO 1/24/86			
DATE OF FIRST DETECTION	6/18/82	10/13/78	5/21/81
DATE OF LAST DETECTION	7/23/84	3/6/84	4/12/84

301111

SAMPLEDATE SOURCE WELL NUMBER N-05485 TOTAL DETECTIONS 169	1,1,1-TRICHLOROETHANE >0 DETECTED	1,2,3-TRICHLOROBENZENE >0 DETECTED	1,2,4-TRICHLOROBENZENE >0 DETECTED	BENZENE >0 DETECTED
DETECTIONS	1	1	1	1
ANALYSES	98	1	1	20
MAXIMUM	1.00	8.00	8.00	5.00
MINIMUM	1.00	8.00	8.00	5.00
MEAN	1.00	8.00	8.00	5.00
MEDIAN	1.00	8.00	8.00	5.00
DATE RANGE OF SAMPLING				
FROM 9/23/77 TO 1/24/86				
DATE OF FIRST DETECTION	11/19/81	4/30/85	4/30/85	3/5/79
DATE OF LAST DETECTION	11/19/81	4/30/85	4/30/85	3/5/79

301112

SAMPLEDATE SOURCE	HEXACHLOROBUTADIENE	METHYLENE CHLORIDE	TOLUENE
WELL NUMBER	>0	>0	>0
N-05485	DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS			
169			
DETECTIONS	1	1	1
ANALYSES	1	9	20
MAXIMUM	8.00	2.00	5.00
MINIMUM	8.00	2.00	5.00
MEAN	8.00	2.00	5.00
MEDIAN	8.00	2.00	5.00
DATE RANGE OF SAMPLING			
FROM 9/23/77			
TO 1/24/86			
DATE OF FIRST DETECTION	4/30/85	10/13/78	3/5/79
DATE OF LAST DETECTION	4/30/85	10/13/78	3/5/79

301113

SAMPLEDATE SOURCE WELL NUMBER N-05486 TOTAL DETECTIONS 52	TRICHLOROETHENE >0 DETECTED	CARBON TETRACHLORIDE >0 DETECTED	TETRACHLOROETHENE >0 DETECTED
DETECTIONS	15	14	13
ANALYSES	15	15	15
MAXIMUM	170.00	35.00	17.00
MINIMUM	12.00	9.00	3.00
MEAN	70.07	21.00	9.46
MEDIAN	68.00	19.50	8.00
DATE RANGE OF SAMPLING			
FROM 9/23/77			
TO 2/29/80			
DATE OF FIRST DETECTION	9/23/77	1/26/78	9/23/77
DATE OF LAST DETECTION	2/29/80	2/29/80	2/29/80

301114

SAMPLEDATE SOURCE	1,1,1-TRICHLOROETHANE	CHLOROFORM	CIS-1,2-DICHLOROETHENE	BENZENE
WELL NUMBER	>0	>0	>0	>0
N-05486	DETECTED	DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS				
52				
DETECTIONS	3	2	2	1
ANALYSES	15	13	2	4
MAXIMUM	3.00	3.00	8.00	15.00
MINIMUM	1.00	1.00	8.00	15.00
MEAN	1.67	2.00	8.00	15.00
MEDIAN	1.00	2.00	8.00	15.00
DATE RANGE OF SAMPLING				
FROM 9/23/77				
TO 2/29/80				
DATE OF FIRST DETECTION	10/13/78	3/30/78	10/13/78	4/23/79
DATE OF LAST DETECTION	9/10/79	9/10/79	10/18/78	4/23/79

301115

SAMPLEDATE	SOURCE	BROMODICHLOROMETHANE	TOLUENE
	WELL NUMBER	>0	>0
	N-05486	DETECTED	DETECTED
	TOTAL DETECTIONS		
	52		
	DETECTIONS	1	1
	ANALYSES	15	4
	MAXIMUM	3.00	1.00
	MINIMUM	3.00	1.00
	MEAN	3.00	1.00
	MEDIAN	3.00	1.00
DATE RANGE OF SAMPLING			
FROM	9/23/77		
TO	2/29/80		
	DATE OF FIRST DETECTION	9/10/79	4/23/79
	DATE OF LAST DETECTION	9/10/79	4/23/79

301116

SAMPLEDATE SOURCE	TETRACHLOROETHENE	TRICHLOROETHENE	DICHLORODIFLUOROMETHANE
WELL NUMBER	>0	>0	>0
N-07957	DETECTED	DETECTED	DETECTED
TOTAL DETECTIONS			
164			
DETECTIONS	37	29	20
ANALYSES	74	75	51
MAXIMUM	17.00	28.00	15.00
MINIMUM	1.00	1.00	0.50
MEAN	4.54	7.53	3.98
MEDIAN	4.00	3.00	3.00
DATE RANGE OF SAMPLING			
FROM 9/23/77			
TO 9/9/99			
DATE OF FIRST DETECTION	2/17/81	2/17/82	6/10/92
DATE OF LAST DETECTION	9/9/99	9/9/99	9/9/99

301117

SAMPLEDATE SOURCE WELL NUMBER N-07957 TOTAL DETECTIONS 164	CHLORODIBROMOMETHANE >0 DETECTED	BROMODICHLOROMETHANE >0 DETECTED	CHLOROFORM >0 DETECTED	BROMOFORM >0 DETECTED
DETECTIONS	16	14	14	10
ANALYSES	66	74	75	68
MAXIMUM	3.00	4.00	10.00	5.00
MINIMUM	0.50	0.50	0.50	1.00
MEAN	1.81	1.43	1.68	2.30
MEDIAN	2.00	1.00	1.00	2.00
DATE RANGE OF SAMPLING				
FROM 9/23/77				
TO 9/9/99				
DATE OF FIRST DETECTION	2/17/82	1/25/78	2/17/81	3/9/92
DATE OF LAST DETECTION	10/23/98	10/23/98	9/9/99	10/23/98

301118

SAMPLEDATE SOURCE WELL NUMBER N-07957 TOTAL DETECTIONS 164	CIS-1,2-DICHLOROETHENE >0 DETECTED	1,1,1-TRICHLOROETHANE >0 DETECTED	1,1-DICHLOROETHENE >0 DETECTED
DETECTIONS	9	5	5
ANALYSES	55	75	64
MAXIMUM	3.00	2.00	1.00
MINIMUM	0.80	0.50	0.50
MEAN	1.87	1.10	0.82
MEDIAN	2.00	1.00	1.00
DATE RANGE OF SAMPLING			
FROM 9/23/77			
TO 9/9/99			
DATE OF FIRST DETECTION	5/16/97	2/17/81	2/3/98
DATE OF LAST DETECTION	9/9/99	9/9/99	9/9/99

301119

SAMPLEDATE SOURCE WELL NUMBER N-07957 TOTAL DETECTIONS 164	2,2-DICHLOROPROPANE >0 DETECTED	1,1-DICHLOROETHANE >0 DETECTED	CARBON TETRACHLORIDE >0 DETECTED
DETECTIONS	2	1	1
ANALYSES	43	62	76
MAXIMUM	2.00	1.00	1.00
MINIMUM	0.00	1.00	1.00
MEAN	0.33	1.00	1.00
MEDIAN	0.00	1.00	1.00
DATE RANGE OF SAMPLING			
FROM 9/23/77 TO 9/9/99			
DATE OF FIRST DETECTION	5/16/97	5/16/97	2/17/82
DATE OF LAST DETECTION	6/19/97	5/16/97	2/17/82

301120

SAMPLEDATE	SOURCE	TRICHLOROFLUOROMETHANE
	WELL NUMBER	>0
	N-07957	DETECTED
	TOTAL DETECTIONS	
	164	
	DETECTIONS	1
	ANALYSES	48
	MAXIMUM	1.00
	MINIMUM	1.00
	MEAN	1.00
	MEDIAN	1.00
DATE RANGE OF SAMPLING		
FROM	9/23/77	
TO	9/9/99	
	DATE OF FIRST DETECTION	8/10/83
	DATE OF LAST DETECTION	8/10/83

301121

SAMPLEDATE SOURCE WELL NUMBER N-09521 TOTAL DETECTIONS 10	CHLOROFORM >0 DETECTED	BROMOFORM >0 DETECTED	CHLORODIBROMOMETHANE >0 DETECTED	BROMODICHLOROMETHANE >0 DETECTED
DETECTIONS	5	2	2	1
ANALYSES	69	66	65	70
MAXIMUM	5.00	3.00	2.00	1.00
MINIMUM	0.50	1.00	0.50	1.00
MEAN	1.50	2.00	1.25	1.00
MEDIAN	0.50	2.00	1.25	1.00
DATE RANGE OF SAMPLING				
FROM 12/2/80				
TO 11/18/99				
DATE OF FIRST DETECTION	9/10/81	2/7/85	2/7/85	2/7/85
DATE OF LAST DETECTION	11/18/99	3/13/91	3/13/91	2/7/85

301122

SAMPLEDATE SOURCE WELL NUMBER N-09846 TOTAL DETECTIONS 23	TRICHLOROETHENE >0 DETECTED	BROMOFORM >0 DETECTED	CHLORODIBROMOMETHANE >0 DETECTED	CHLOROFORM >0 DETECTED
DETECTIONS	12	3	2	2
ANALYSES	71	70	67	70
MAXIMUM	3.00	3.00	2.00	1.00
MINIMUM	1.00	1.00	0.50	1.00
MEAN	1.75	2.00	1.25	1.00
MEDIAN	1.50	2.00	1.25	1.00
DATE RANGE OF SAMPLING				
FROM 11/22/82 TO 11/18/99				
DATE OF FIRST DETECTION	11/30/82	6/29/83	1/31/85	11/22/82
DATE OF LAST DETECTION	11/18/99	11/16/89	11/16/89	1/31/85

301123

SAMPLEDATE SOURCE WELL NUMBER N-09846 TOTAL DETECTIONS 23	1,2-DICHLOROETHANE >0 DETECTED	BROMODICHLOROMETHANE >0 DETECTED	METHYLENE CHLORIDE >0 DETECTED
DETECTIONS	1	1	1
ANALYSES	62	70	64
MAXIMUM	1.00	2.00	1.00
MINIMUM	1.00	2.00	1.00
MEAN	1.00	2.00	1.00
MEDIAN	1.00	2.00	1.00
DATE RANGE OF SAMPLING			
FROM 11/22/82			
TO 11/18/99			
DATE OF FIRST DETECTION	9/9/98	1/31/85	7/10/90
DATE OF LAST DETECTION	9/9/98	1/31/85	7/10/90

301124

SAMPLEDATE	SOURCE	TETRACHLOROETHENE
	WELL NUMBER	>0
	N-09846	DETECTED
	TOTAL DETECTIONS	
	23	
	DETECTIONS	1
	ANALYSES	71
	MAXIMUM	2.00
	MINIMUM	2.00
	MEAN	2.00
	MEDIAN	2.00
DATE RANGE OF SAMPLING		
FROM	11/22/82	
TO	11/18/99	
	DATE OF FIRST DETECTION	11/16/89
	DATE OF LAST DETECTION	11/16/89

301125

Appendix B

Appendix B

Field Change Request Forms

301127

FIELD CHANGE REQUEST (FCR) FORM

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

REQUEST NO: 1 DATE: 6-27-05

FCR TITLE: Change to Procedures Drilling and Groundwater Screening Field Change

DESCRIPTION: Changes are proposed to the procedure for drilling and collecting ground water screening samples, as follows:
1) -Start drilling operation with a Geoprobe 6610 trac mount to obtain groundwater samples from 100 feet below land surface to ground water ~40 fbls, collecting samples from the bottom up, in 20 foot intervals,
2)- Use a F-10 auger rig to over drive the Geoprobe rods with augers and advance Geoprobe rods to 200 fbls, to continue the sampling process from 200 fbls to 100 fbls sampling from the bottom up. This process will repeat until ~ 350 or refusal,
3) Once refusal is encountered with the geoprobe and HSA approach, crews will change over to mud rotary drilling, and the remaining groundwater screening samples will be collected ahead of the mud borehole, as described in the QAPP. No changes are proposed for the method of installing the outer casing and screen assemblies.

REASON FOR DEVIATION: The reasons for the deviation are to:
1)- Obtain drilling fluid (mud) free ground water screening samples for the majority of the borehole (i.e., samples from 40 to approximately 350 bgs).
2) Reduce the amount of time in which mud in the 8-inch borehole may impact the surrounding aquifer, and thereby reducing the amount of mud that will need to be removed during the development process. This will also in turn minimize the amount of mud IDW generated.

RECOMMENDED/MODIFICATION: Amend the drilling and groundwater screening sample collection process as described above, for the first SVP location. If the procedure is successful, it will be conducted at the remaining SVP locations. If the procedure is not successful, the procedure outlined in the QAPP will be followed.

IMPACT TO PROJECT OBJECTIVES: This field change will have no adverse impact to project objectives. Benefits include increasing data accuracy by eliminating drilling fluid impact for the majority of the groundwater screening samples

Signatures:
CDM FTL Adrian Steinhauff 6/27/05 Date
CDM RITM Lisa Campbell 6/27/05 Date
CDM SM Susan Schofield 6/27/05 Date

Distribution:
Caroline Kwan, EPA Project Manager
Linda Mauel, EPA Region II
Susan Schofield, CDM SM
Lisa Campbell, CDM RI Task Leader
Adrian Steinhauff, CDM FTL
Jeniffer Oxford, CDM RQAC
Project File
Field Files

FIELD CHANGE REQUEST (FCR) FORM

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

REQUEST NO: 2 DATE: 08/16/05

FCR TITLE: Elimination of Salt Tracer (Potassium Bromide) Requirement for Drilling Mud and Change to Outer Screen Well Development Procedure

DESCRIPTION: Eliminate the requirement that a salt tracer (potassium bromide) be used in drilling mud, and refine the procedure to be followed during development of the outer screen intervals. Development procedure includes elimination of the use of packers during development.

REASON FOR DEVIATION: This field change is recommended in order to be consistent with mud rotary drilling and well development methods used at the Jackson Steel Superfund site, located nearby in Mineola, New York. At the Jackson Steel site, the amount of salt tracer required in the mud (to be measurable with meters) could not be determined. A similar situation is occurring at Roosevelt Field - the quantity of salt tracer to be added to the drilling mud is not easily determined. At Jackson Steel EPA and NYSDEC could not recommend how much tracer to add; as a result the salt tracer requirement was eliminated.

RECOMMENDED/MODIFICATION: Eliminate the required use of a tracer compound in drilling mud, and use the following procedures to develop each outer screen zone:
1) Calculate the amount of mud used in the borehole. The field geologist will track and record the total amount of mud used in each borehole during the mud rotary drilling activity.
2) Purge the total amount of mud used in the borehole.
3) At each 5-foot screen interval, develop the interval using the pump and surge technique at one-foot intervals. Record water quality measurements.
4) For each screen zone, development will be considered complete after all of the following criteria are met: a minimum of five well volumes have been purged, water quality measurements have stabilized to within 10%, and the water is relatively free of sediment and visually free of drilling mud.

Signatures:

FTL Adrian Steinhauff 8-16-05 Date

CDM RITM Lisa Campbell 8/18/05 Date

CDM SM Susan Schofield 8/18/05 Date

Distribution:

Caroline Kwan, EPA Project Manager
Linda Mauel, EPA Region II
Susan Schofield, CDM SM
Lisa Campbell, CDM RI Task Leader
Adrian Steinhauff, CDM FTL
Jeniffer Oxford, CDM RQAC
Project File
Field Files

002

OFFICEMAX 08/18/2005 13:17 FAX 15168222810

301129

FIELD CHANGE REQUEST (FCR) FORM

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

REQUEST NO: 3 DATE: 08/22/05

FCR TITLE: Change in Annular Seal Material

DESCRIPTION: Change the annular seal material in the outer casing/screen assembly from cement/bentonite grout to bentonite slurry, as described below.

REASON FOR DEVIATION: This field change is recommended for the following reasons: 1) to better ensure the placement of the annular seal material at the desired intervals, 2) to provide a more stable material on which to support overlying sand pack, and 3) to reduce the time required to install the outer casing/screen assembly and well completion materials.

RECOMMENDED/MODIFICATION: A slurry consisting of a 1:1 mixture of granular bentonite and # 3 sand will be used as the annular seal for the outer casing/screen assembly, instead of cement/bentonite grout. For each annular seal interval, field crews will calculate the volume of slurry required. The slurry mixture will be emplaced from the bottom using a tremie pipe and gravel feed pump. Freefalling of the seal through the tremie pipe will not be allowed. The bottom of the tremie pipe will be placed within the seal interval so that slurry material will not come into contact with overlying screen zones. The seal will be installed to approximately 5 feet below the next screen interval. The tremie pipe will also be used to determine the top of each annular seal. This change was discussed with and approved by EPA's project hydrogeologist.

Signatures:

FTL _____ 8-22-05 Date

CDM RITM _____ 8.23.05 Date

CDM SM _____ 9/27/2005 Date

Distribution:

Caroline Kwan, EPA Project Manager
Linda Mauel, EPA Region II
Susan Schofield, CDM SM
Lisa Campbell, CDM RI Task Leader
Adrian Steinhauff, CDM FTL
Jeniffer Oxford, CDM RQAC
Project File
Field Files

FIELD CHANGE REQUEST (FCR) FORM

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

REQUEST NO: 4 DATE: 12/12/05

FCR TITLE: Change to SVP-08 Screen Zones

DESCRIPTION: Change the screen zones in SVP-08, as described below.

REASON FOR DEVIATION: Due to a well construction miscalculation, the third through sixth screen zones in SVP-08 are 10 feet shallower than originally planned. The current screen zones were verified with the use of a downhole camera, and are as follows: 1) 45-50' 2) 100-105' 3)155-160' 4) 235-240' 5)355-360' 6) 435-440'

RECOMMENDED MODIFICATION: The recommended modification is to leave the screen zones as installed. The current shallower screen zones are acceptable for the following reasons: 1) Site-related VOCs (PCE, TCE, and related degradation products) were not detected in any of the groundwater screening samples in SVP-08; therefore, the intervals were chosen based on acetone and toluene hits (non-site-related VOCs) and screen intervals in other SVP wells. The third through sixth intervals, although 10 feet shallower, still correspond with acetone and toluene hits and screen intervals in other SVP wells. 2) The third through sixth intervals are not within clay units.

Signatures:

FTL Adrian M. Steinhauff 12/15/05 Date

CDM RITM Lisa Campbell 12/15/05 Date

CDM SM Susan Schofield 12/15/2005 Date

Distribution:

Caroline Kwan, EPA Project Manager
Linda Mauel, EPA Region II
Susan Schofield, CDM SM
Lisa Campbell, CDM RI Task Leader
Adrian Steinhauff, CDM FTL
Jeniffer Oxford, CDM RQAC
Project File
Field Files

12/21/2005 WED 16:13 FAX

FIELD CHANGE REQUEST (FCR) FORM

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

REQUEST NO: 5 DATE: 1-5-06

FCR TITLE: Change to Soil Gas Probe Purge Volume Change

DESCRIPTION: Changes are proposed to the volume of air purged prior to sampling collection (Section 5.8 of the Soil Gas QAPP Addendum). Per comment from NYSDOH one (1) volume of air in the probe will be purged prior to sampling collection (instead of the stated at least three (3) volumes of air).

REASON FOR DEVIATION: The reasons for the deviation are to:
1)- Comply with NY State DOH regulations.
2) Increase the rate of sampling in the field.

RECOMMENDED/MODIFICATION: Purge one (1) volume of air in the probe prior to sample collection

IMPACT TO PROJECT OBJECTIVES: This field change will have no adverse impact to project objectives.

Signatures:

CDM FTL Adrian A. Steinhauff 1/23/06
Date

CDM RITM Lisa Campbell 1/23/06
Date

CDM SM Susan Schofield 1/24/06
Date

Distribution:

Caroline Kwan, EPA Project Manager
Linda Mauel, EPA Region II
Susan Schofield, CDM SM
Lisa Campbell, CDM RI Task Leader
Adrian Steinhauff, CDM FTL
Jeniffer Oxford, CDM RQAC
Project File
Field Files

FIELD CHANGE REQUEST (FCR) FORM

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

REQUEST NO: 6 DATE: 1-6-06

FCR TITLE: Change to Soil Gas SUMMA canister sample depth at Pasley

DESCRIPTION: Changes are proposed to the depth for SUMMA canister sampling at the Pasley Site. Per comment from NYSDOH all SUMMA canister samples will be collected at 15 feet below the ground surface. Samples collected at 30 feet bgs will be screening level samples only (i.e., ppbRAE).

REASON FOR DEVIATION: The reasons for the deviation are to:
1)- Comply with NY State DOH request in comment letter on Final QAPP Addendum.

RECOMMENDED/MODIFICATION: Collect SUMMA canister samples at Pasley at 15 feet bgs only. Collect screening level samples (with ppbRAE) at 30 feet bgs.

IMPACT TO PROJECT OBJECTIVES: This field change will have no adverse impact to project objectives.

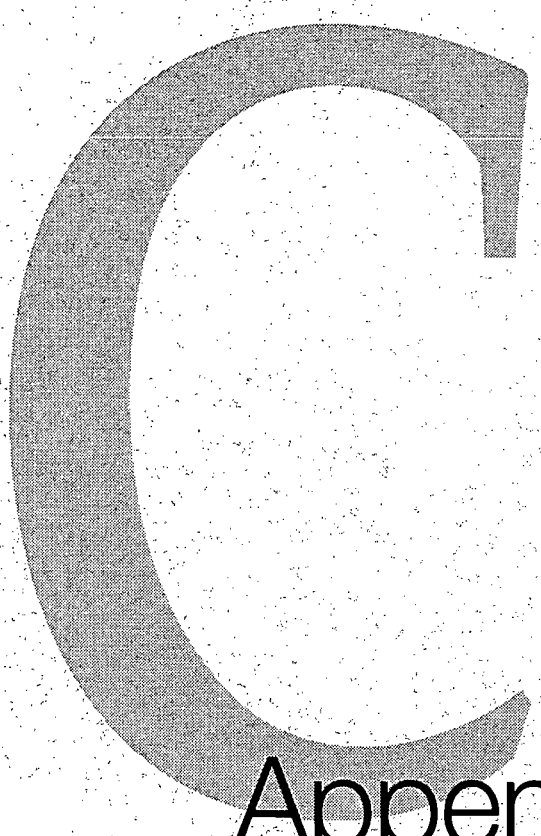
Signatures: CDM FTL Adrian H. Steinhauff 1/23/06
Date

CDM RITM Lisa Campbell Date 1/23/06

CDM SM Susan Schofield Date 1/24/06

Distribution:

Caroline Kwan, EPA Project Manager	Adrian Steinhauff, CDM FTL
Linda Mauel, EPA Region II	Jeniffer Oxford, CDM RQAC
Susan Schofield, CDM SM	Project File
Lisa Campbell, CDM RI Task Leader	Field Files



Appendix C

Appendix C

Underground Utility Survey Reports

- NAEVA
- ARM

301135

NAEVA

301136

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

MARYLAND
4707 Benson Ave.
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Maryland 21227
(410) 536-7600
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NEW YORK
50 N. Harrison Ave.
Suite 11
Congers
New York 10920
(845) 268-1800
(845) 268-1802 Fax

VIRGINIA
P.O. Box 7325
Charlottesville
Virginia 22906
(434) 978-3187
(434) 973-9791 Fax

Results of Geophysical Investigation

Old Roosevelt Field Contaminated Ground Water Area
EPA Region 2
Nassau County, New York

Prepared for: **CDM Federal Programs Corporation**
Chantilly, Virginia
Solicitation No. IFB-3232-003-GP

Date of Investigation: **June 20, 2005**

Prepared by:

Mark E. Weis
Project Manager
NAEVA Geophysics, Inc.
50 North Harrison Avenue, Suite 11
Congers, NY 10920

Contents

Introduction

Methods

Results

Appendix — Photocopies of field notebook

Attachment — Site Location Maps with Associated GPR Data Profiles

Results of Geophysical Investigation
Old Roosevelt Field Contaminated Ground Water Area
Nassau County, New York

Introduction On June 20, 2005, NAEVA Geophysics Inc. conducted a subsurface investigation at the Old Roosevelt Field Contaminated Ground Water Area site in Garden City, New York. The EPA's prime contractor for this investigation was CDM Federal Programs Corporation. The purpose of the investigation was to delineate the surface traces of detectable underground utilities within 10 feet of eight proposed groundwater monitoring well sites that were scattered around the project area. CDM Federal site representatives selected and marked all well locations prior to the initiation of NAEVA's investigation activities.

Methods The equipment selected for this investigation consisted of:

- a Fisher TW-6 M-Scope Pipe and Cable Locator
- a Subsite 950 Utility Locator
- a 3M Dynatel 2250 Cable Locator
- a Sensors & Software NOGGIN 250 Smart Cart ground penetrating radar (GPR) system with a 250 MHz antenna.

The area surrounding each proposed well site was first visually inspected for evidence of subsurface utilities such as fire hydrants, manholes, or electric power drops. Whenever a utility line appeared to potentially interfere with a PEBS, a radio-frequency signal was conducted onto the line using one of the locating instruments' transmitters. This signal was then used to trace out the utility.

The area surrounding each proposed well was investigated using the TW-6 to identify buried metallic objects and electrically conductive piping. This instrument, while primarily designed as a utility locator, is also a very effective electromagnetic metal-detector. It is quite useful for finding utility valve boxes, reinforced concrete, and buried scrap metal.

Many utilities carry electric currents and therefore produce electromagnetic fields that can be detected at the surface. In addition, buried metallic conduits, acting as antennas, often pick up background commercial radio signals and re-radiate them. The sites were investigated for evidence of these passive signals using the Subsite 950.

We further investigated each site using the Dynatel 2250 in a split-box fashion. Two operators, one carrying the transmitter and one carrying the receiver, walked bi-directionally across each proposed well site at a fixed distance to one another while checking for increases in signal strength that would suggest possible subsurface utilities. Where signal increases were noted, they were further investigated in an attempt to discern a signal propagating utility. The Dynatel is particularly suited to locating the surface trace of telephone, electric, and other narrow-gauge wiring, but can also detect metallic conduits and piping.

All storm drain catch basins and sanitary sewer cesspool manways in the areas of concern were inspected to confirm that their routing did not interfere with any well.

GPR was used to investigate each proposed well site. GPR data profiles were collected along two perpendicular traverses, each no less than 20 feet long, centered over the proposed borings. When hyperbolic reflections were noted in the data profiles, additional profiles were collected to determine if the reflections were caused by linear features that could possibly represent subsurface utilities. The GPR data were digitally recorded and stored for later graphic reproduction.

Results

A total of eight proposed well sites were checked for subsurface interferences during this investigation. Each detected utility within a 10-foot radius of a MIP was marked-out on the ground with paint using the APWA color code (i.e. blue for water, yellow for natural gas, green for sewers, and red for electric) Pink paint was used to demarcate conduits of unknown usage and metal-detector anomalies. If a buried utility was found within 3 feet of a well, the well was moved to a more suitable location and necessary utility location procedures repeated. The approved locations of the proposed wells were marked by white 1-foot diameter circles.

The final location of each well, and all detected subsurface utilities in its vicinity, were measured from permanent above ground features and recorded on site sketch maps. These maps, along with annotated copies of the GPR data profiles collected at each MIP, are included as an attachment to this report.

Underground utilities, and/or metal-detector and GPR anomalies, were identified in the vicinities of six of the eight proposed well sites that were investigated.

Well No.	Comments
SVP-1	Electric to lighting 6.5 ft north. Storm drain 13 ft south.
SVP-2	No utilities identified near this location.
SVP-3	Electric to lighting 23.5 feet north.
SVP-4	No utilities identified near location. Tree line 10 feet west.
SVP-5	Suspected utilities identified 8.5 ft west and 10.5 ft south.
SVP-6	Utilities 9 ft north, 12.5 south. Suspected utility 6.5 ft east.
SVP-7	Suspected utility 8 ft north. Several metallic anomalies identified near location. May be site of former building.
SVP-8	Water mains 11 ft and 13 ft west. Gas line 4.5 ft east.

The GPR's depth of penetration in most of the areas of investigation was at least 8 feet; the exceptions being SVP-5, at about 7 feet, and SVP-4, where the depth of penetration was limited to only 4 feet.

Monday, June 20, 2005

NAEVA Crew: M. Wells, P. Berry; Warm, Sunny, 75° - 80° F

8:15 - 8:30 Arrive at COM trailer at the Garden City Water Works. Contacted Lisa Campbell on cell phone, to notify her of our arrival. She or Adrian Steinhauffer in field marking locations.

8:30 - 9:30 Drive to first area of concern in Roosevelt Field Mall park., lot. Investigate SV3-P.

9:30 - 9:45 Standby. Security has removed cones & tape from next few locations in office building parking lot.

9:45 - 10:30 Investigate location SVP-5

10:30 - 10:50 Investigate SVP-4

10:50 - 11:15 Investigate SVP-2

11:15 - 12:00 Investigate SVP-1

12:00 - 13:00 Investigate SVP-7 in vacant lot.

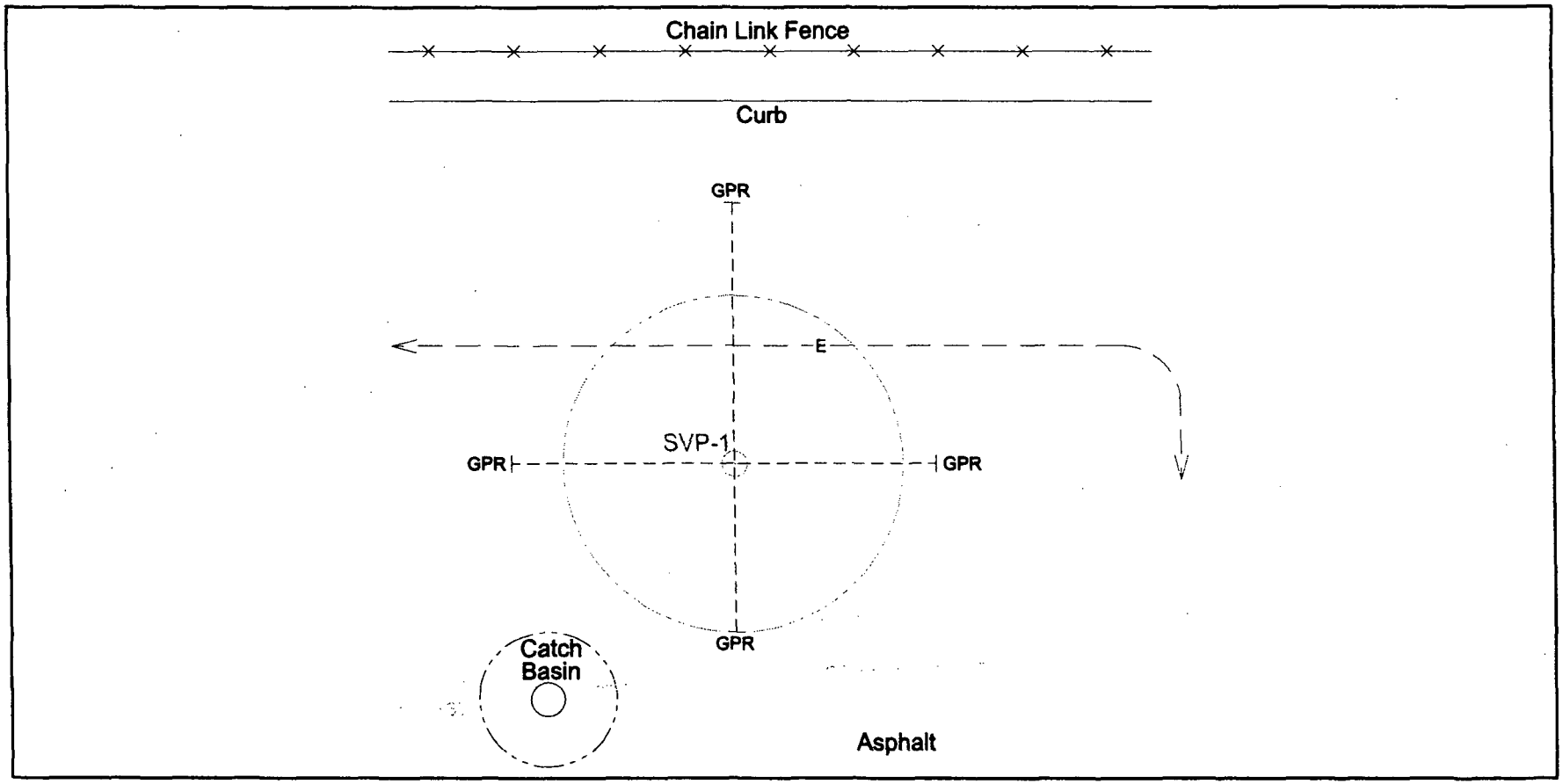
13:00 - 14:00 Investigate SVP-8 at sewage lift station.

14:00 - 14:42 Investigate SVP-6 at north side St. James.

14:42 - 16:30 Return to office. Unload truck

USED 2005 TRUCK & EQUIPMENT

MW PB



Legend

- E — Electric Line
- Storm Drain
- Ground Penetratimg Radar (GPR) Profile
- SVP-2 — Well Location (PEB)

N

Approximate

Scale 1:120

1in = 10ft

5 0 5 10

feet

NOTE: Not all subsurface features may be depicted on this map.

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
SUBSURFACE GEOPHYSICAL SURVEYS

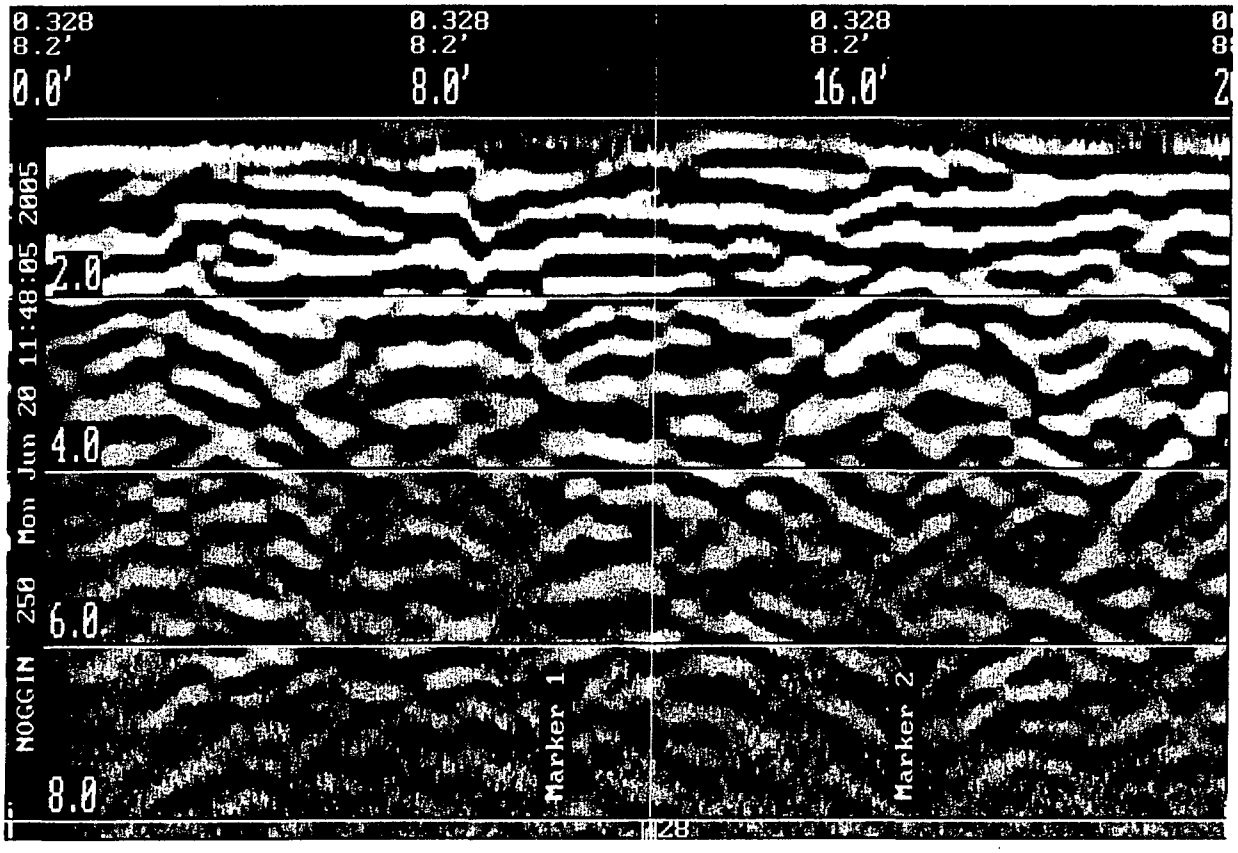
CDM Federal Programs Corporation

Subsurface Investigation on Portions of the
Old Roosevelt Field Contaminated Ground Water Area
EPA Region 2
Well Number: SVP-1
Garden City, Nassau County, New York

Project #: C0506201W	Date of Investigation: June 20, 2005

301142

Monitoring Well Location SVP-1
Ground Penetration Radar (GPR) Profile



South **SVP-1** **Electric** **North**

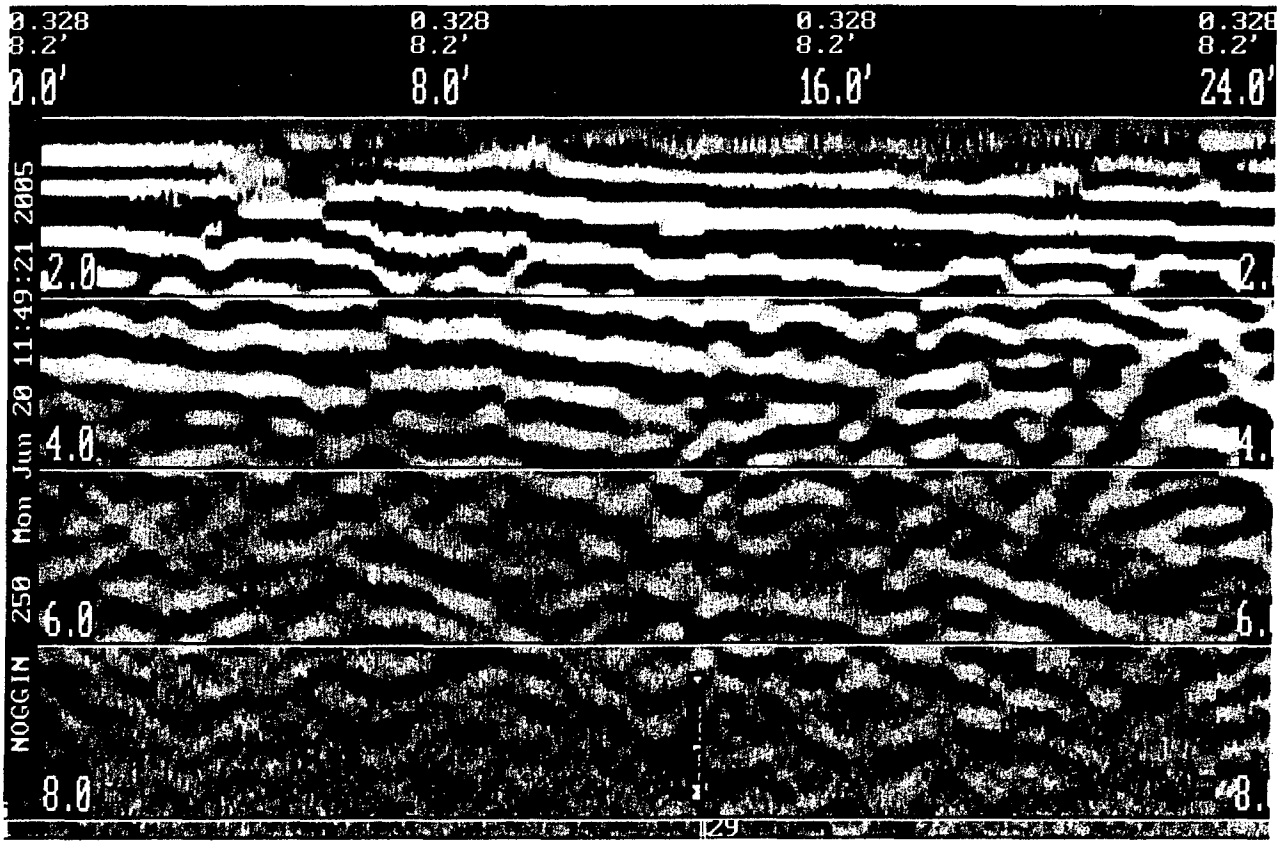
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 11:48:05 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.

Monitoring Well Location SVP-1
Ground Penetration Radar (GPR) Profile



West **SVP-1** **East**

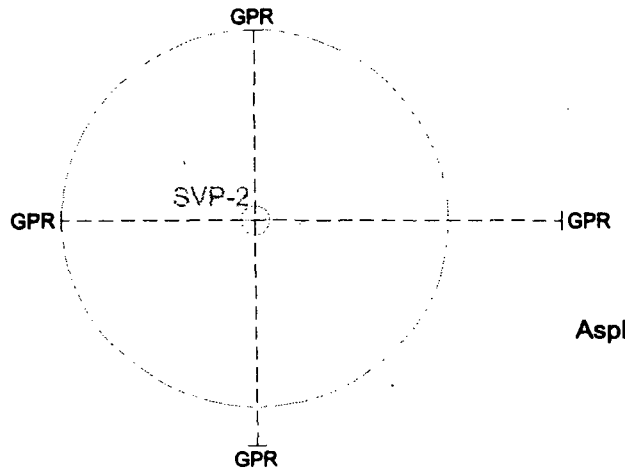
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 11:49:21 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.

Asphalt



Asphalt

Legend

Ground Penetrating Radar (GPR) Profile

SVP-8 Well Location (PEB)

Approximate

Scale 1:120

1in = 10ft

5 0 5 10

feet

NOTE: Not all subsurface features may be depicted on this map.

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
SUBSURFACE GEOPHYSICAL SURVEYS

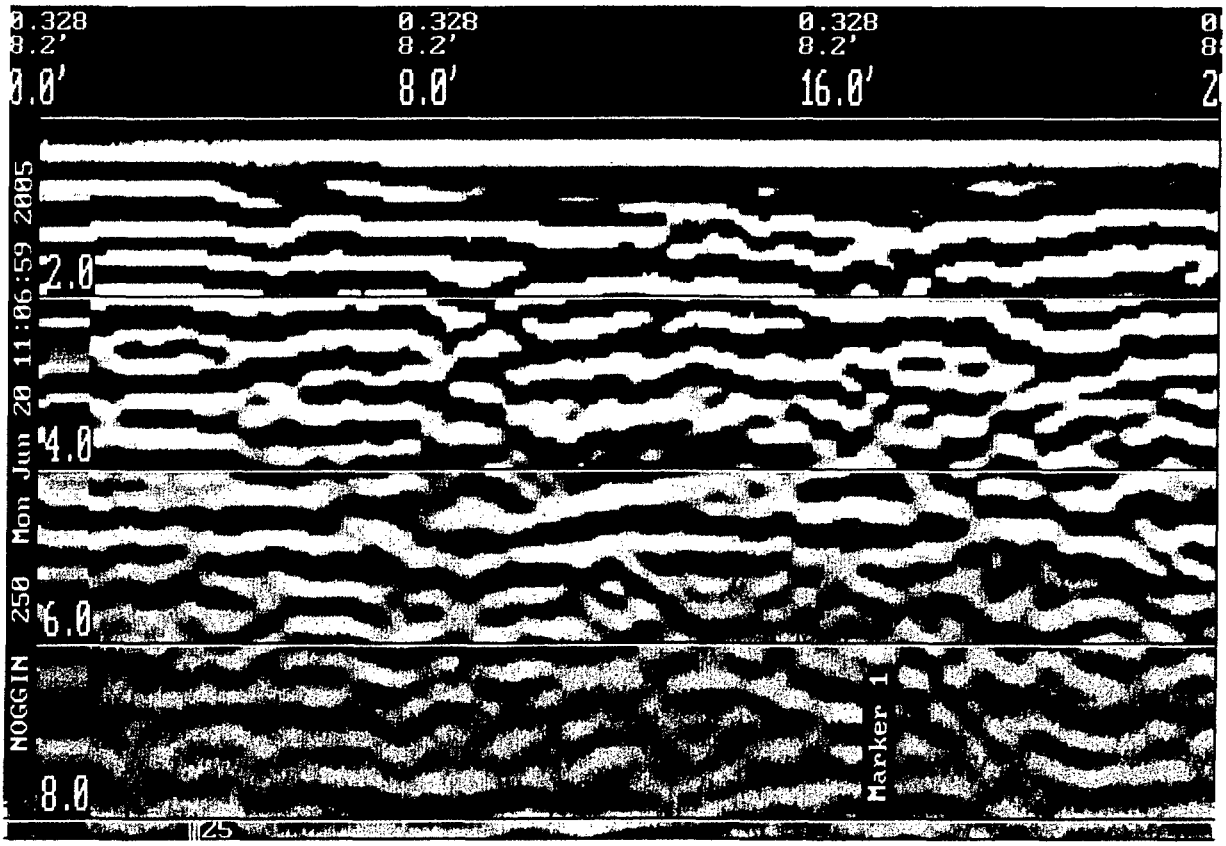
CDM Federal Programs Corporation

Subsurface Investigation on Portions of the
Old Roosevelt Field Contaminated Ground Water Area
EPA Region 2
Well Number: SVP-2
Garden City, Nassau County, New York

Project #: C0506201W	Date of Investigation: June 20, 2005

301145

Monitoring Well Location SVP-2
Ground Penetration Radar (GPR) Profile



East **SVP-2** **West**

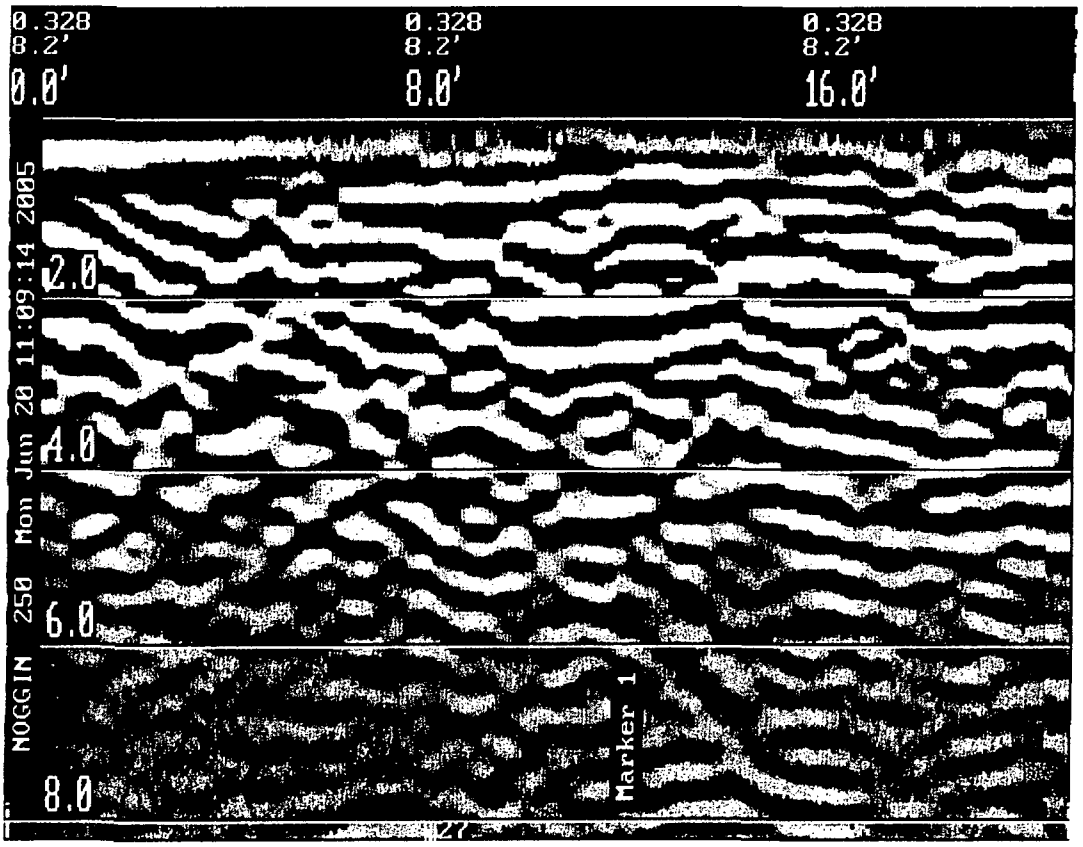
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 11:06:59 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.

Monitoring Well Location SVP-2
Ground Penetration Radar (GPR) Profile



South **SVP-2** **North**

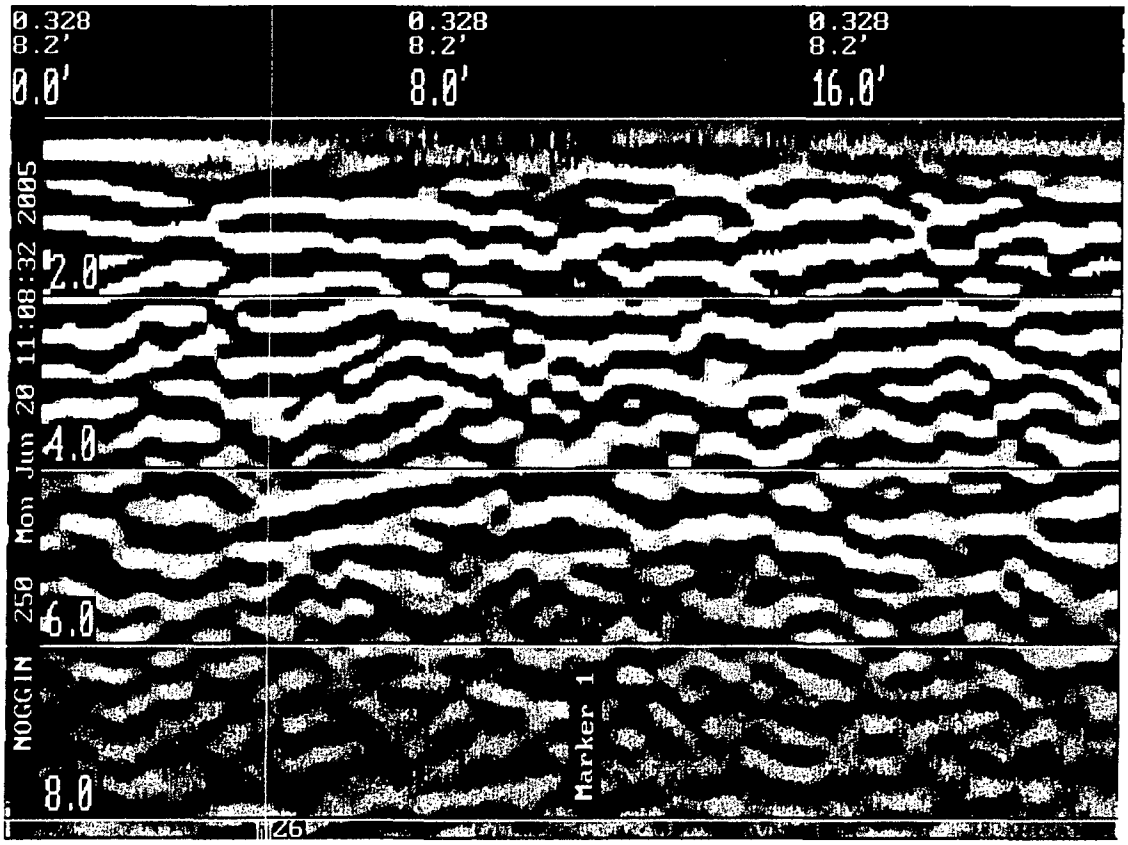
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 11:09:14 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.

Monitoring Well Location SVP-2
Ground Penetration Radar (GPR) Profile



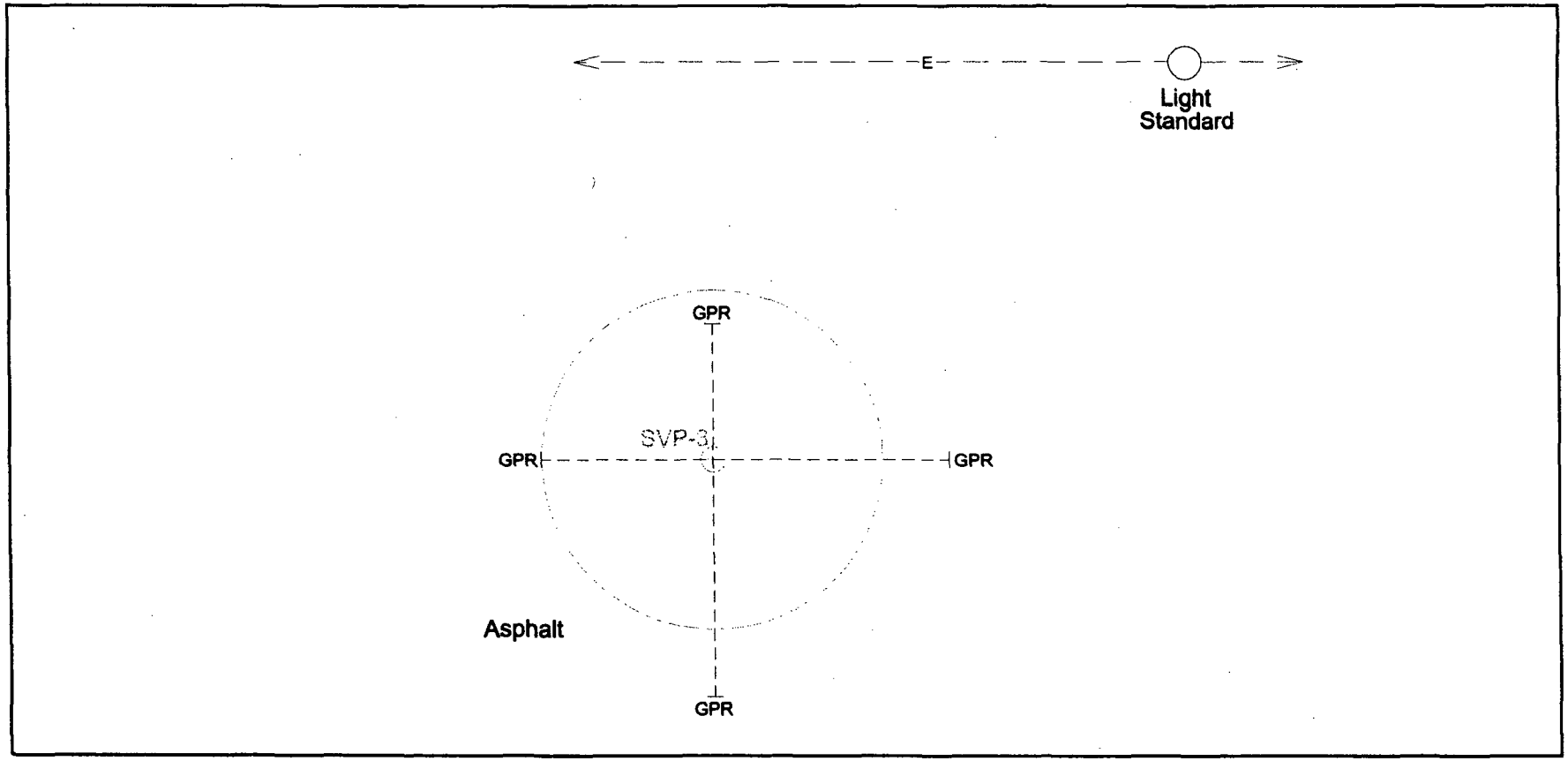
West **SVP-2** **East**

Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 11:08:32 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.



Legend

- E — Electric Line
- Ground Penetratimg Radar (GPR) Profile
- SVP-3 Well Location (PEB)

Approximate

Scale 1:120

1in = 10ft

5 0 5 10

feet

NOTE: Not all subsurface features may be depicted on this map.

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
SUBSURFACE GEOPHYSICAL SURVEYS

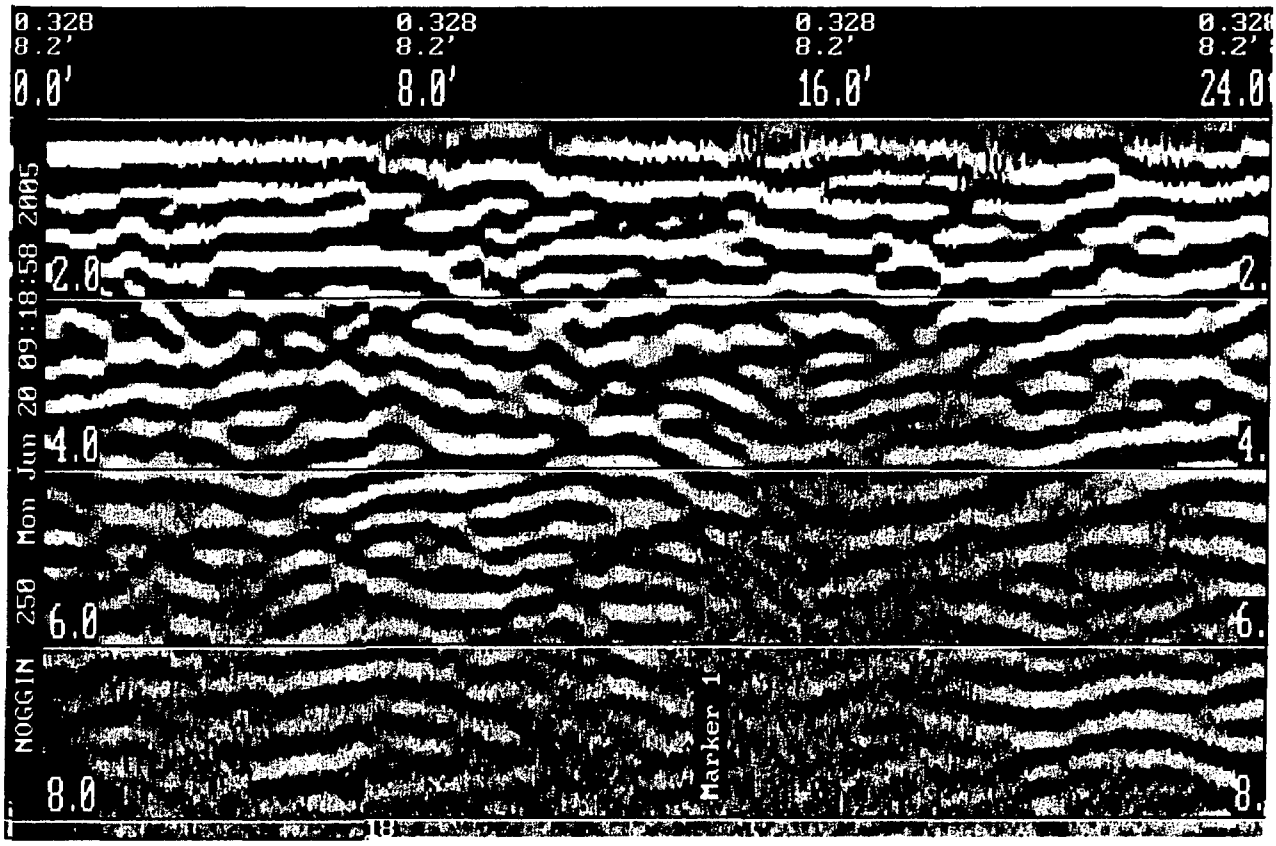
CDM Federal Programs Corporation

Subsurface Investigation on Portions of the
Old Roosevelt Field Contaminated Ground Water Area
EPA Region 2
Well Number: SVP-3
Garden City, Nassau County, New York

Project #: C0506201W	Date of Investigation: June 20, 2005

301149

Monitoring Well Location SVP-3
Ground Penetration Radar (GPR) Profile



East **SVP-3** **West**

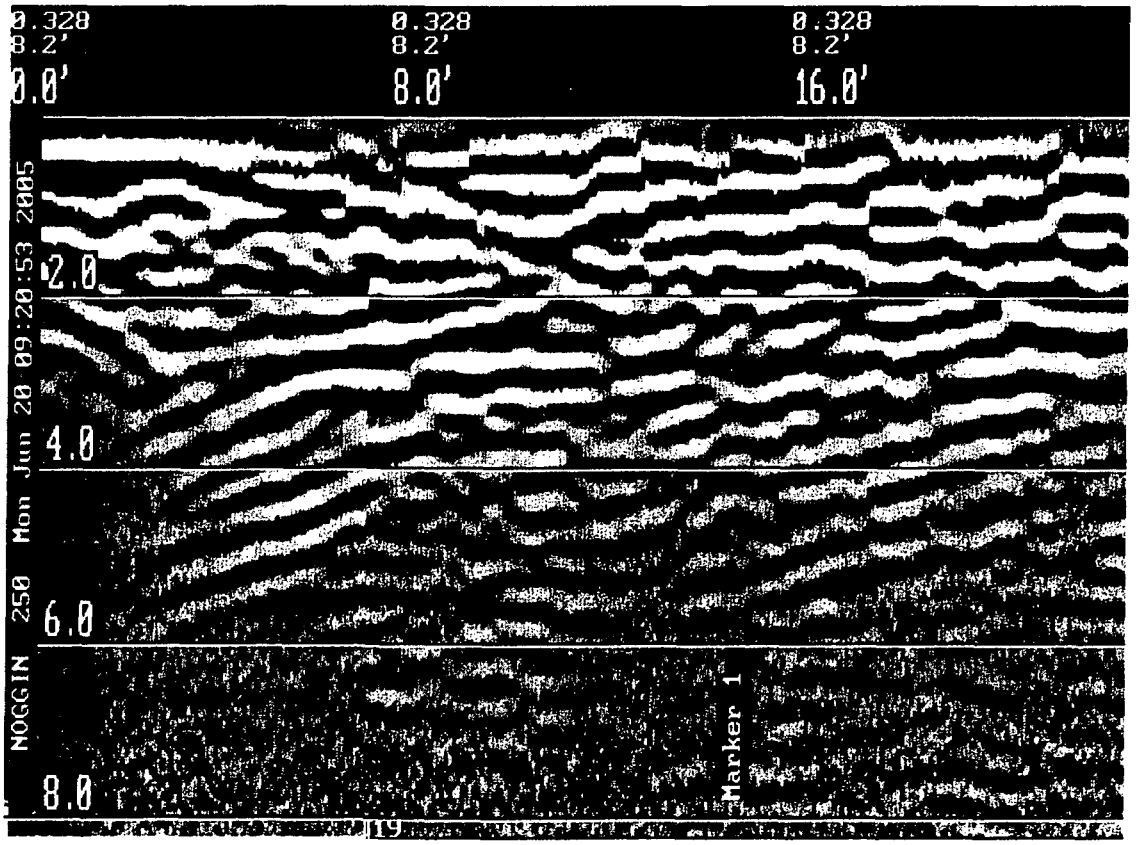
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 09:18:58 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.

Monitoring Well Location SVP-3
Ground Penetration Radar (GPR) Profile



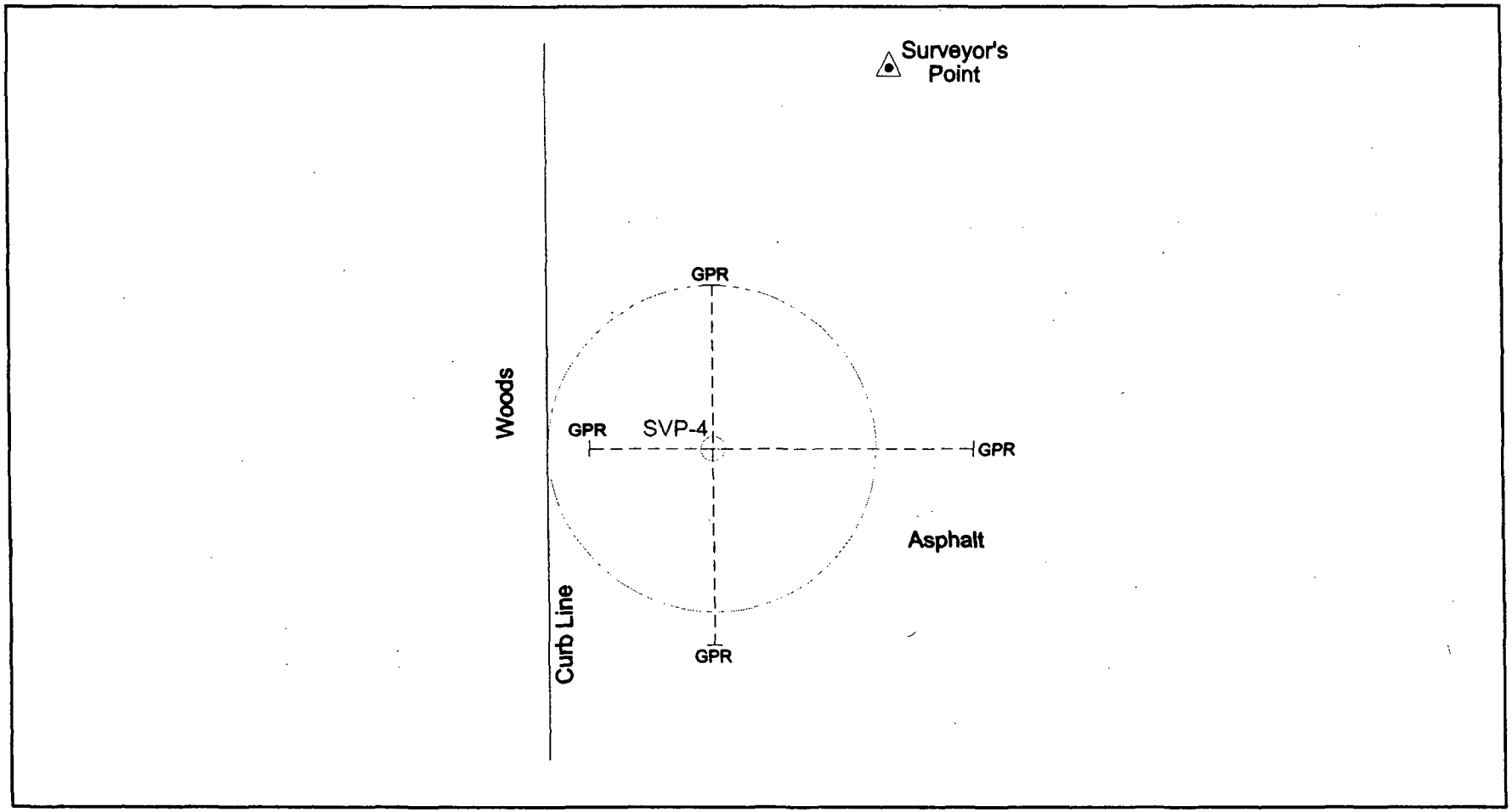
South **SVP-3** **North**

Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 09:20:53 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.



Legend

Ground Penetratimg Radar (GPR) Profile

SVP-4 Well Location (PEB)

Approximate

Scale 1:120

1In = 10ft

5 0 5 10

feet

NOTE: Not all subsurface features may be depicted on this map.

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
SUBSURFACE GEOPHYSICAL SURVEYS

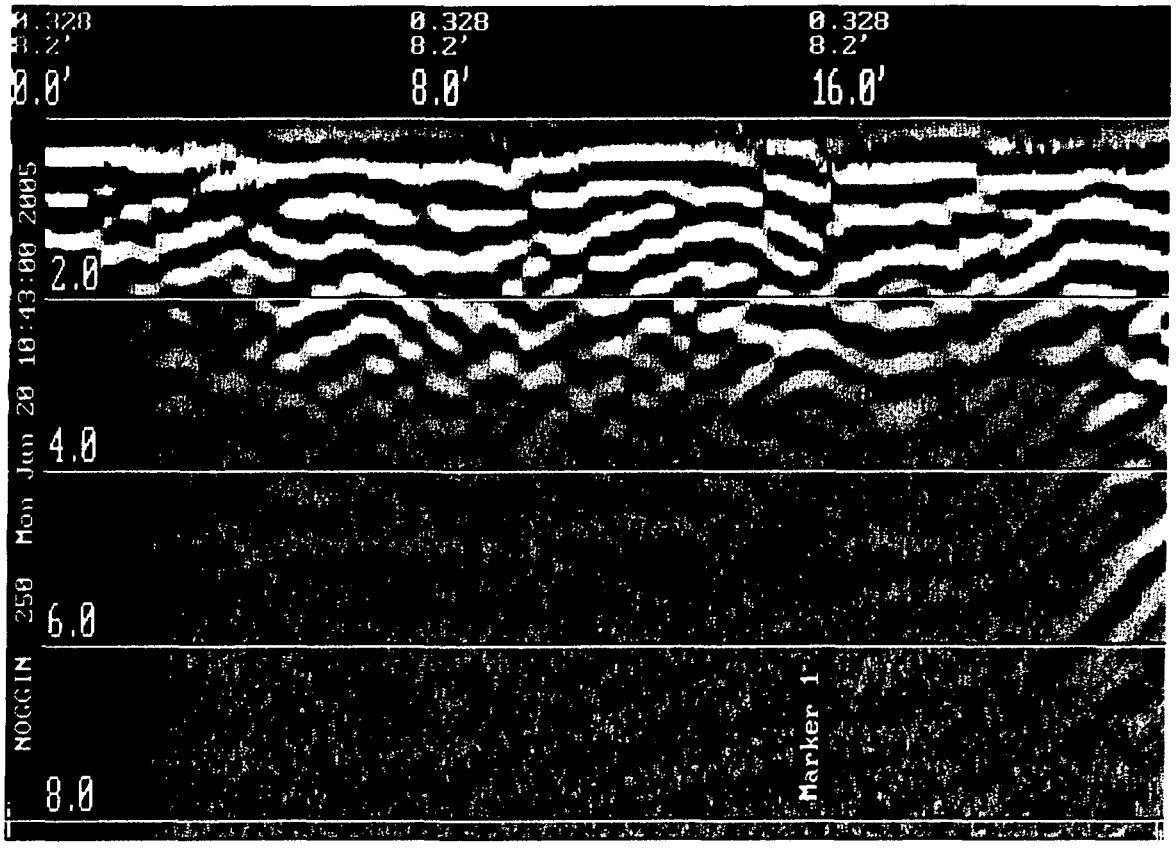
CDM Federal Programs Corporation

Subsurface Investigation on Portions of the
Old Roosevelt Field Contaminated Ground Water Area
EPA Region 2
Well Number: SVP-4
Garden City, Nassau County, New York

Project #: C0506201W	Date of Investigation: June 20, 2005

301152

Monitoring Well Location SVP-4
Ground Penetration Radar (GPR) Profile



East **SVP-4** **West**

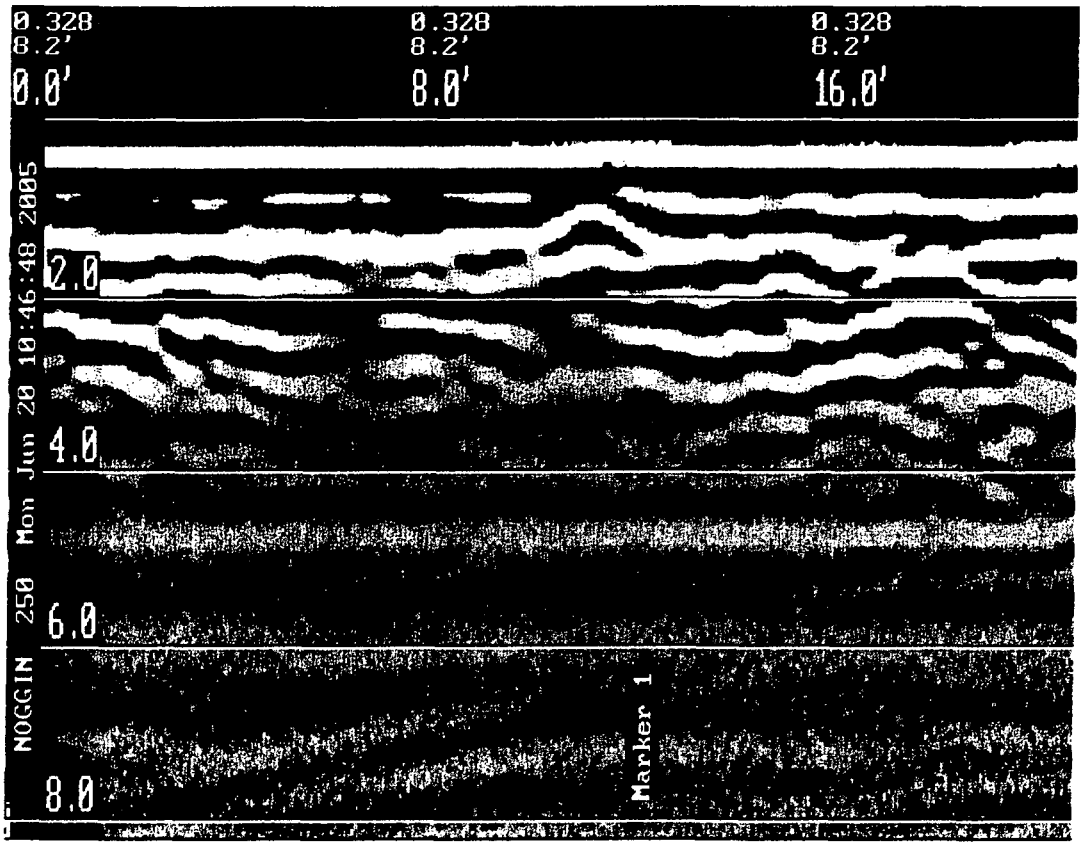
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 10:43:00 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.
Stop at fence line.

Monitoring Well Location SVP-4
Ground Penetration Radar (GPR) Profile



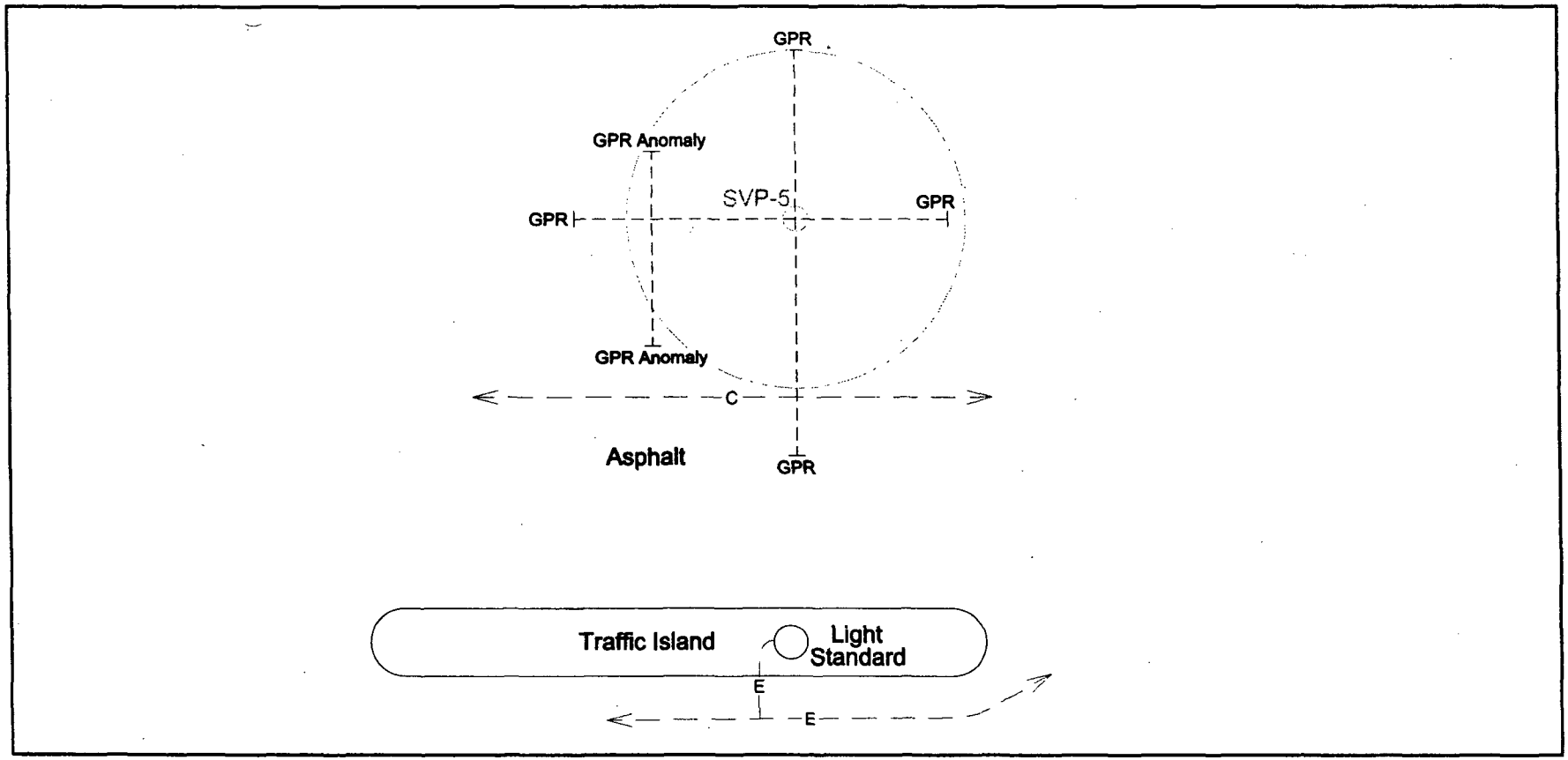
South **SVP-4** **North**

Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 10:46:48 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.



Legend

- E — Electric Line
- C — Conduit of Undetermined Use
- Ground Penetrating Radar (GPR) Profile
- SVP-8 — Well Location (PEB)

Approximate

Scale 1:120

1in = 10ft

5 0 5 10

feet

NOTE: Not all subsurface features may be depicted on this map.

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
SUBSURFACE GEOPHYSICAL SURVEYS

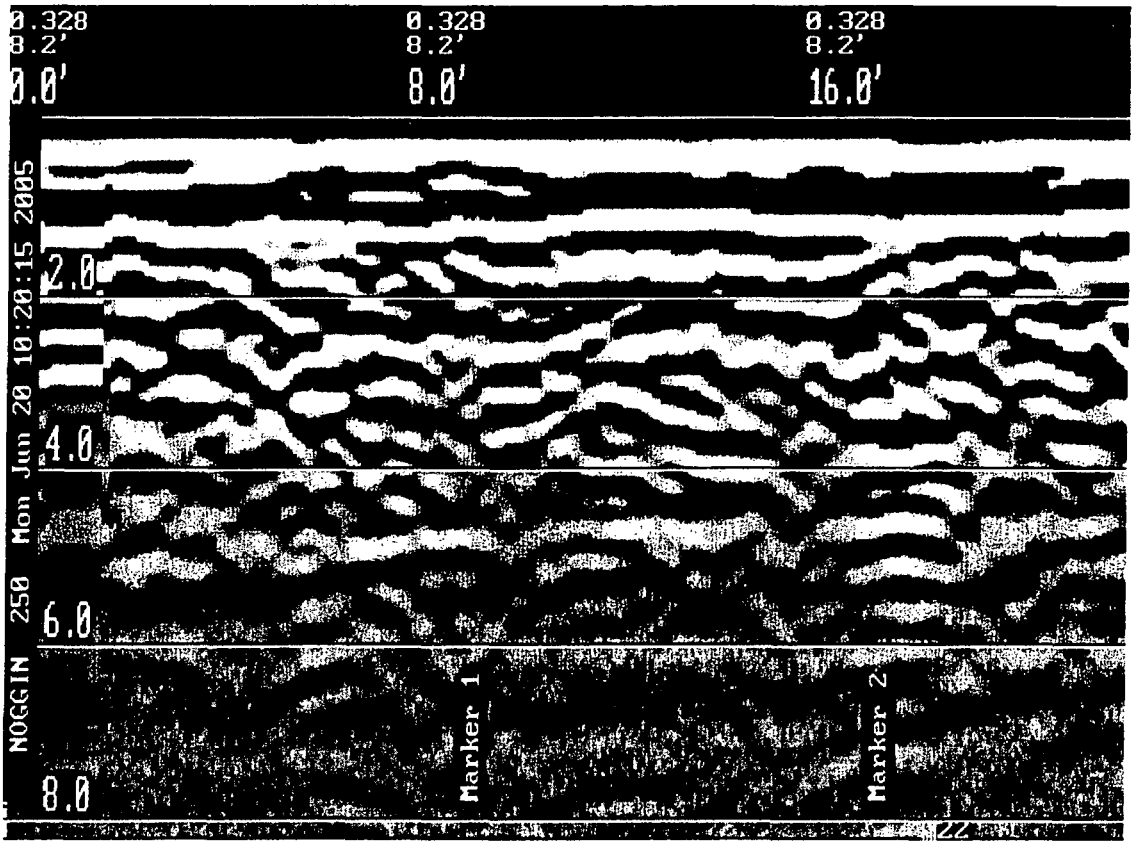
CDM Federal Programs Corporation

Subsurface Investigation on Portions of the
Old Roosevelt Field Contaminated Ground Water Area
EPA Region 2
Well Number: SVP-5
Garden City, Nassau County, New York

Project #: C0506201W	Date of Investigation: June 20, 2005

301155

Monitoring Well Location SVP-5
Ground Penetration Radar (GPR) Profile



East **SVP-5** **Utility?** **West**

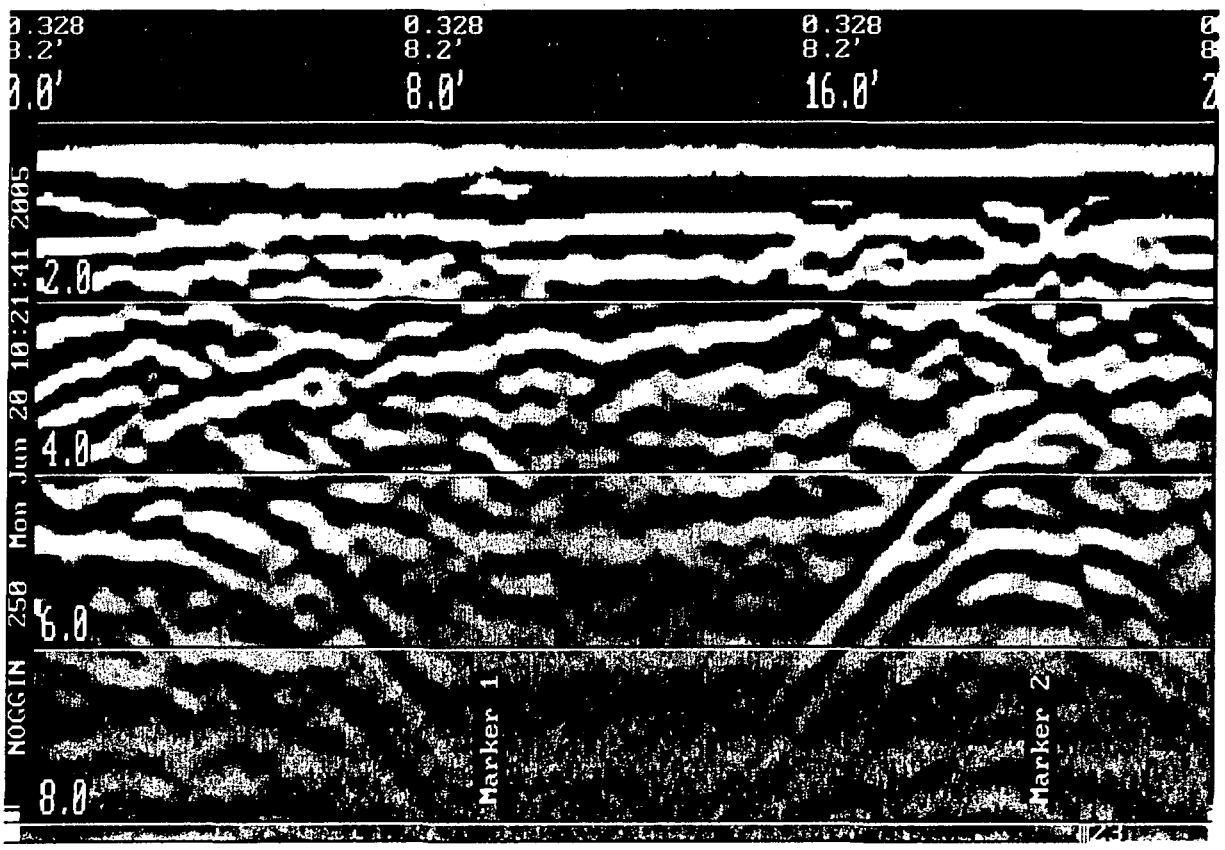
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 10:20:15 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.
Stopped profile at parked vehicle.

Monitoring Well Location SVP-5
Ground Penetration Radar (GPR) Profile



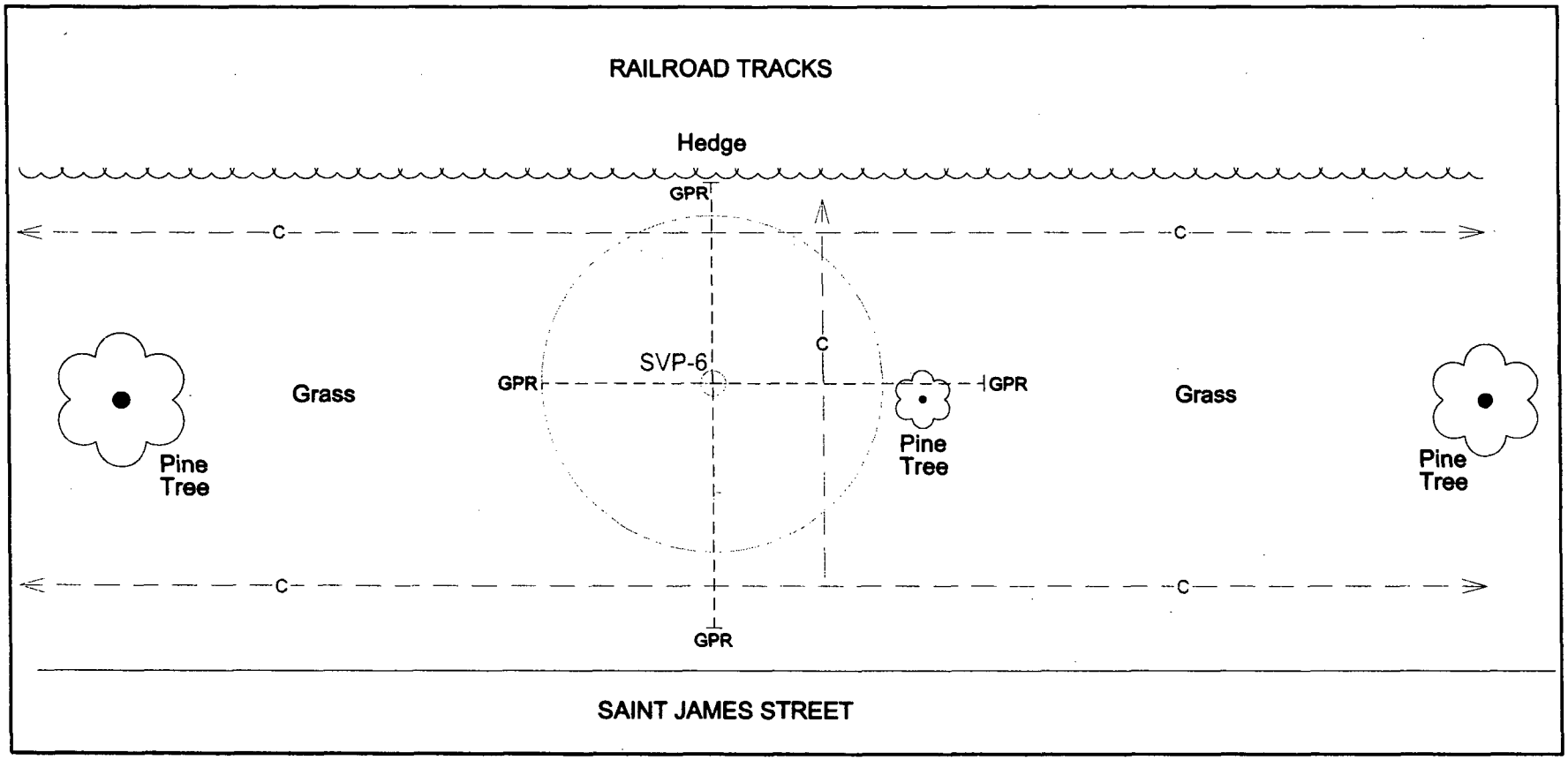
North **SVP-5** **Utility?** **South**

Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 10:21:41 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Asphalt pavement.



Legend

- C Conduit of Undetermined Use
- Ground Penetratimg Radar (GPR) Profile
- SVP-6 Well Location (PEB)

Approximate

Scale 1:120
1in = 10ft

5 0 5 10
feet

NOTE: Not all subsurface features may be depicted on this map.

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
SUBSURFACE GEOPHYSICAL SURVEYS

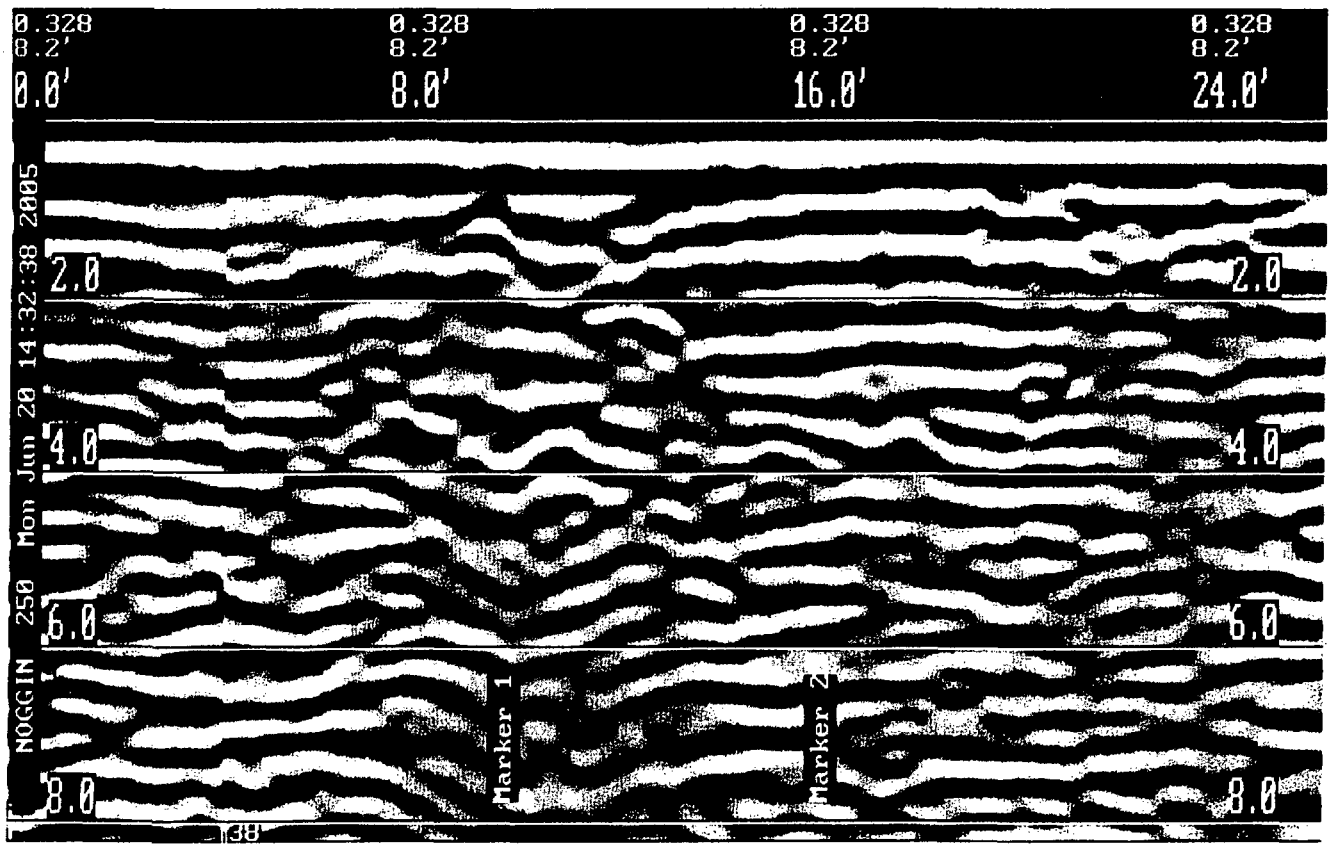
CDM Federal Programs Corporation

Subsurface Investigation on Portions of the
Old Roosevelt Field Contaminated Ground Water Area
EPA Region 2
Well Number: SVP-6
Garden City, Nassau County, New York

Project #: C0506201W	Date of Investigation: June 20, 2005

301158

Monitoring Well Location SVP-6
Ground Penetration Radar (GPR) Profile



East **Utility** **SVP-6** **West**

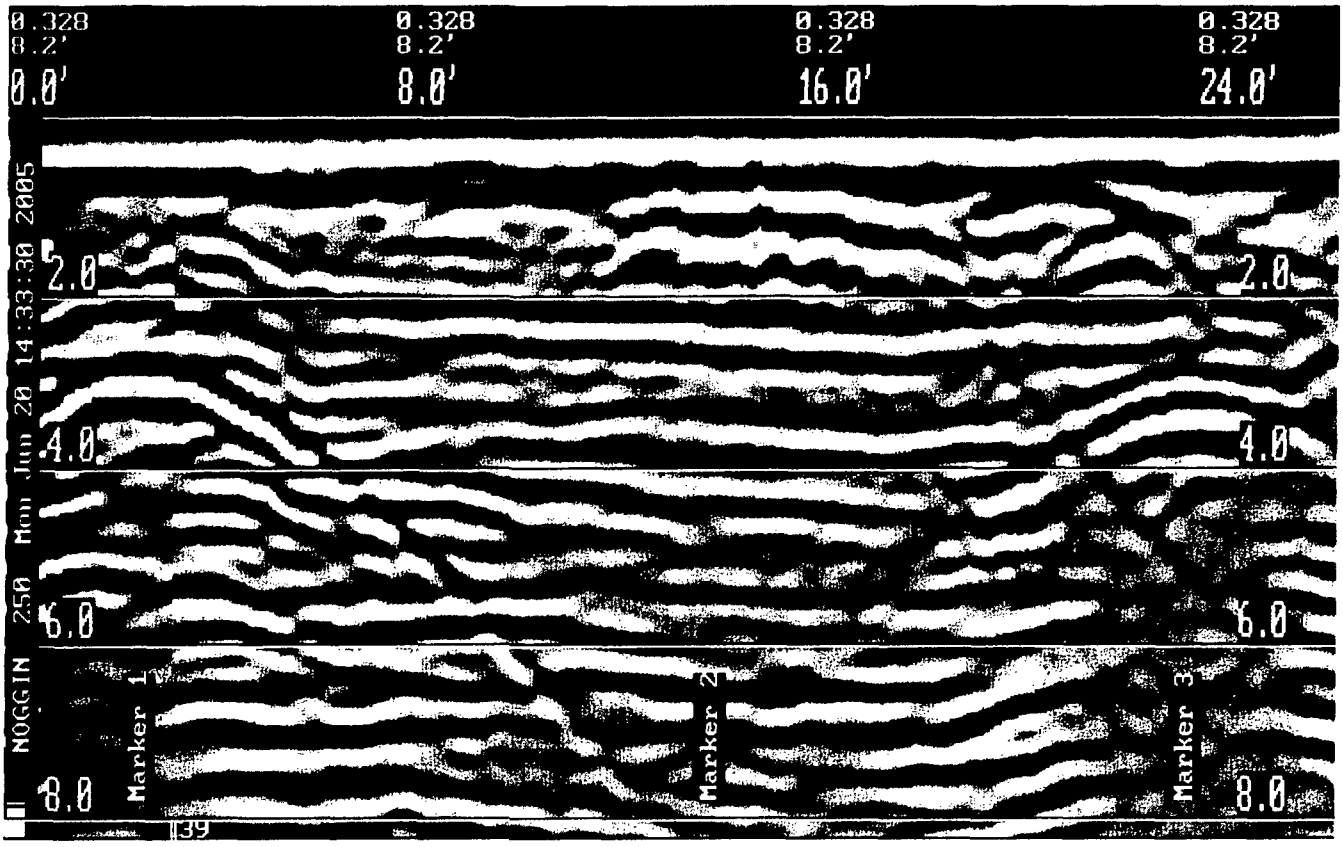
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 14:32:38 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Grass surface.

Monitoring Well Location SVP-6
Ground Penetration Radar (GPR) Profile



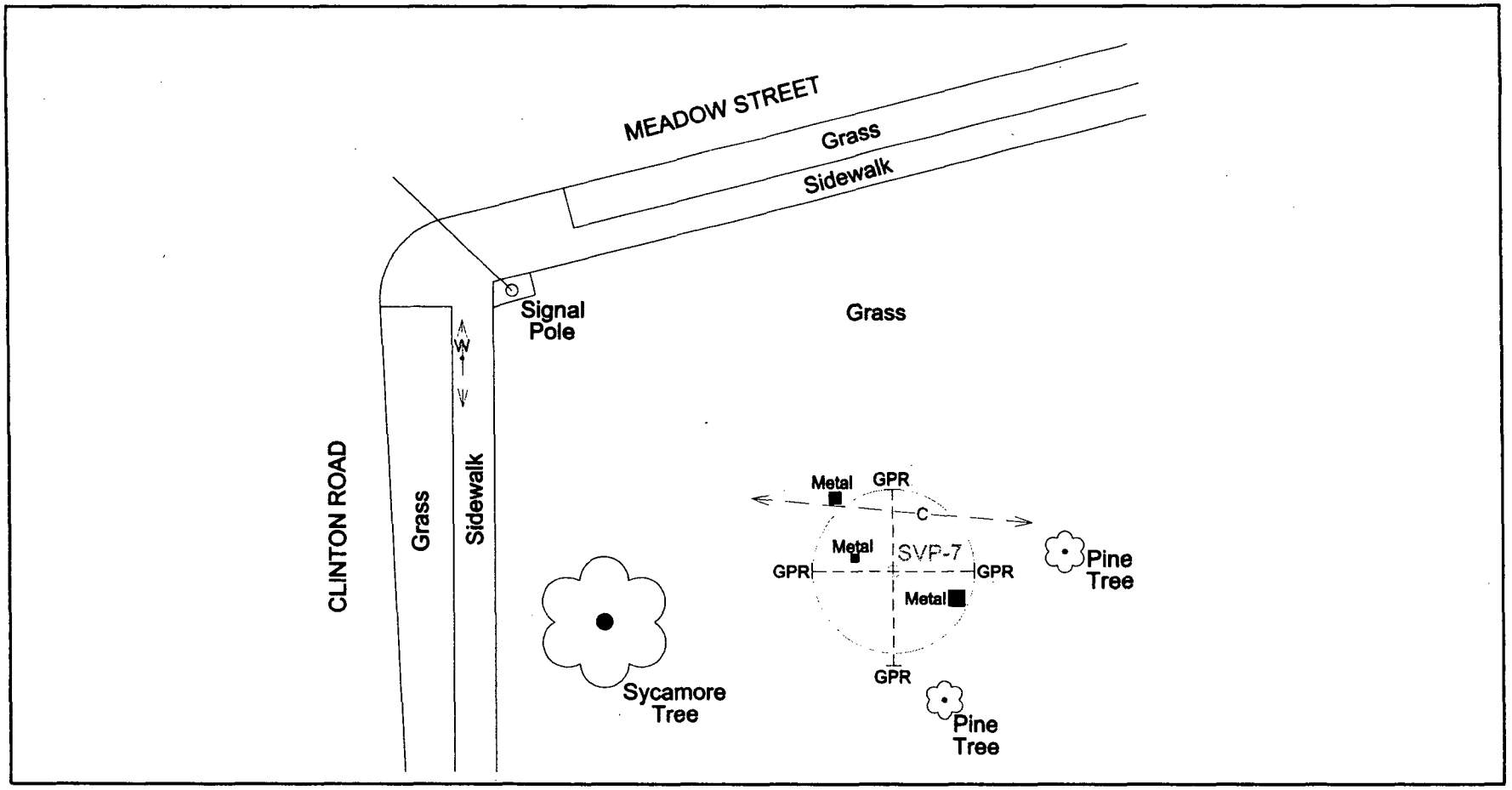
North Utility **SVP-6** **Utility South**

Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 14:33:30 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Grass surface.



Legend

- —C— Conduit of Undetermined Use
- —W— Water Line
- Ground Penetratimg Radar (GPR) Profile
- SVP-6 Well Location (PEB)

N

Approximate

Scale 1:240

1in = 20ft

10 0 10 20

feet

NOTE: Not all subsurface features may be depicted on this map.

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
SUBSURFACE GEOPHYSICAL SURVEYS

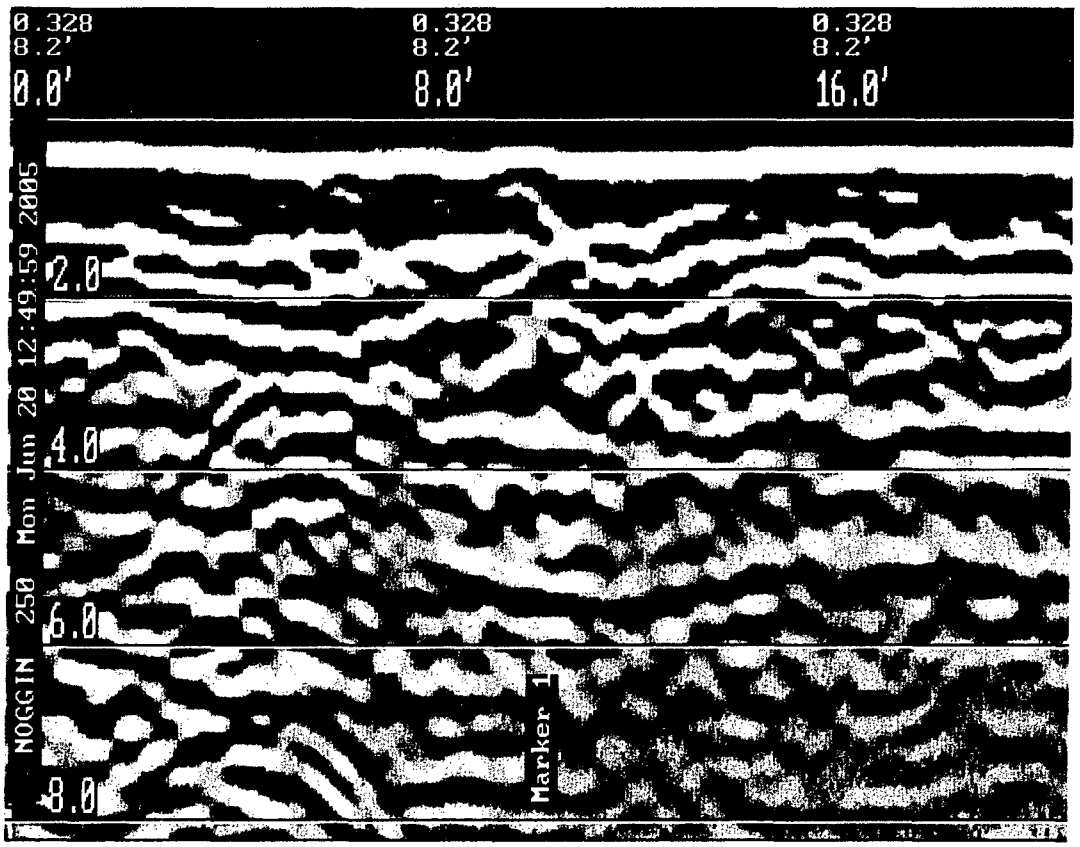
CDM Federal Programs Corporation

Subsurface Investigation on Portions of the
Old Roosevelt Field Contaminated Ground Water Area
EPA Region 2
Well Number: SVP-7
Garden City, Nassau County, New York

Project #: C0506201W	Date of Investigation: June 20, 2005

301161

Monitoring Well Location SVP-7
Ground Penetration Radar (GPR) Profile



East **SVP-7** **West**

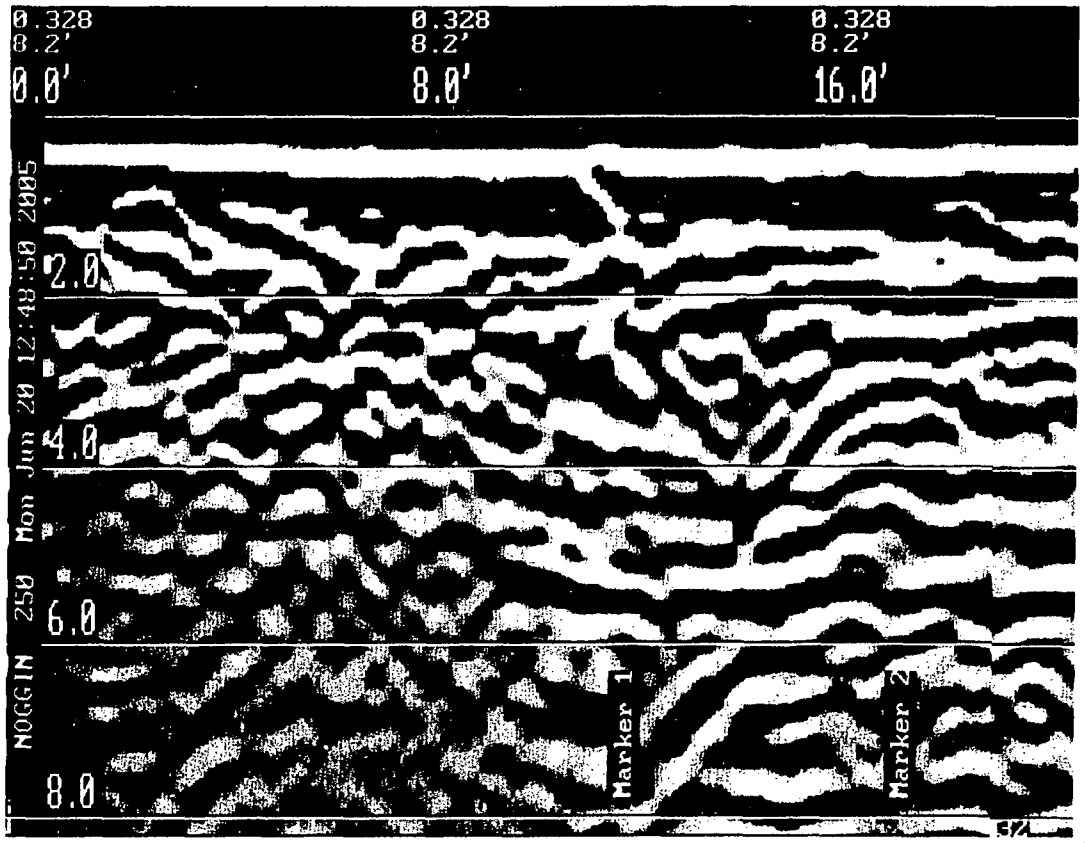
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 12:49:59 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Grass surface.

Monitoring Well Location SVP-7
Ground Penetration Radar (GPR) Profile



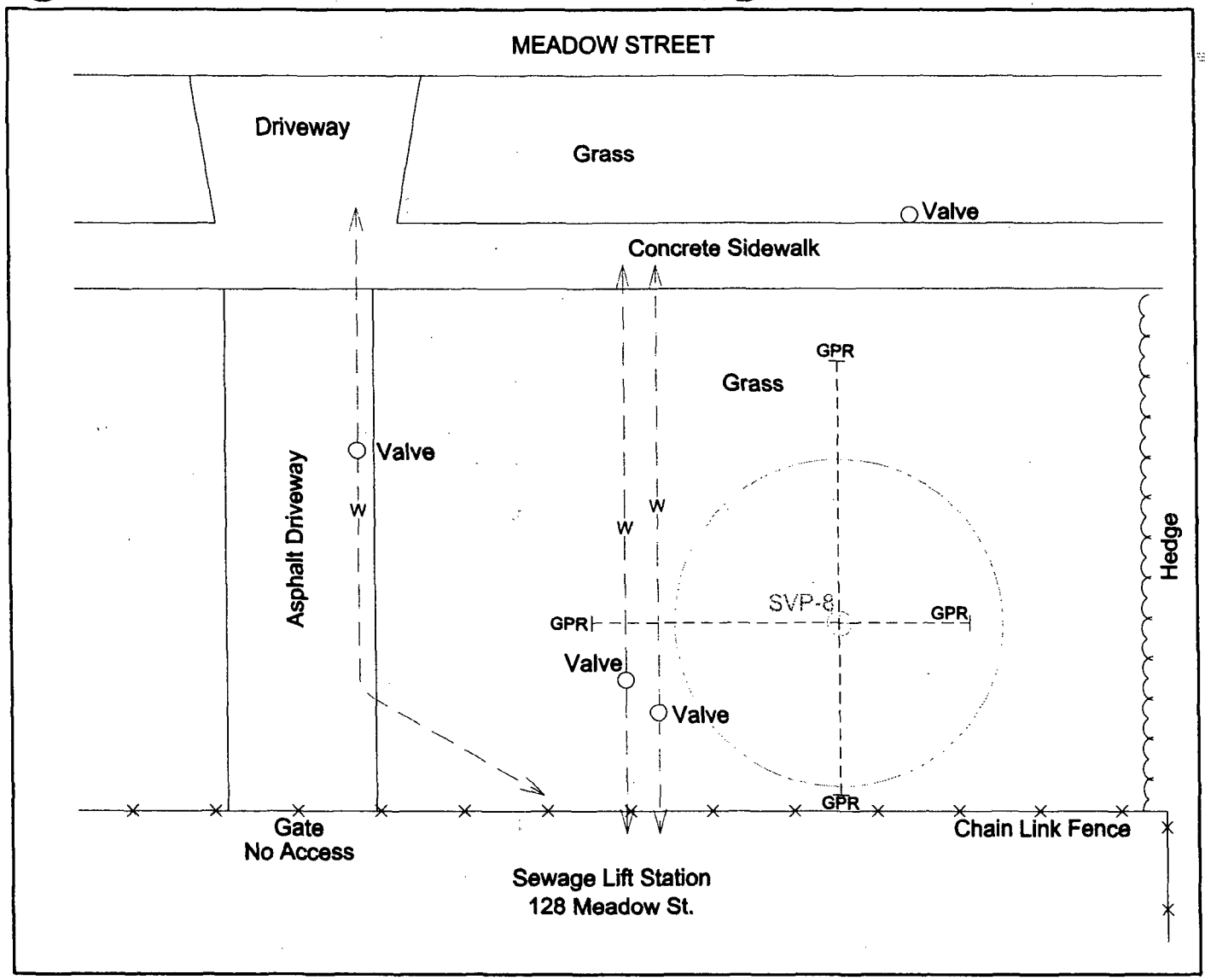
South **SVP-7** **Utility?** **North**

Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 12:48:50 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Grass surface.



NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
SUBSURFACE GEOPHYSICAL SURVEYS

Approximate

Scale 1:120
1in = 10ft
5 0 5 10
feet

Legend

- Natural Gas Line
- Sewer Line
- —W— Water Line
- Ground Penetratimg Radar (GPR) Profile
- SVP-8 Well Location (PEB)

NOTE: Not all subsurface features may be depicted on this map.

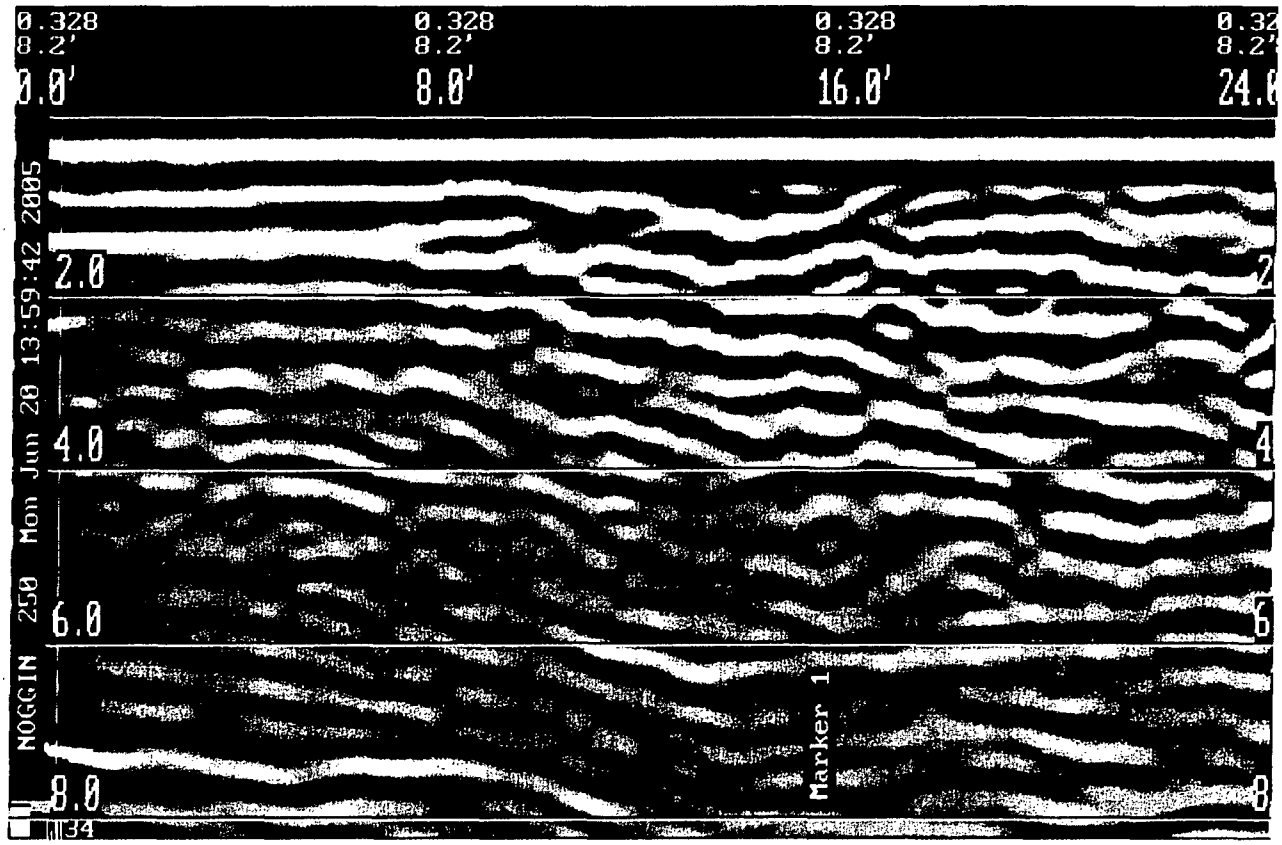
CDM Federal Programs Corporation

Subsurface Investigation on Portions of the
Old Roosevelt Field Contaminated Ground Water Area
EPA Region 2
Well Number: SVP-8
Garden City, Nassau County, New York

Project #: C0506201W	Date of Investigation: June 20, 2005

301164

Monitoring Well Location SVP-8
Ground Penetration Radar (GPR) Profile



North **SVP-8** **South**

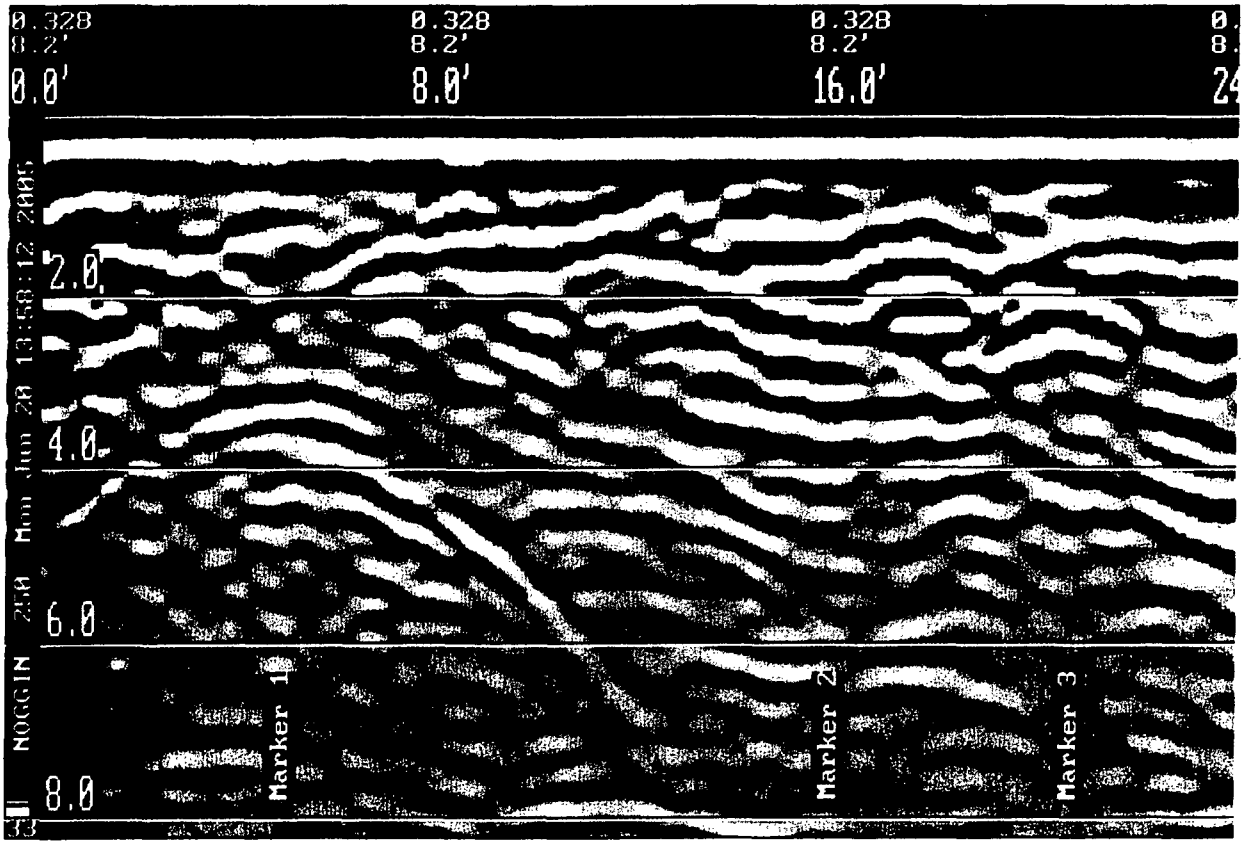
Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 13:59:42 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Grass surface.
End profile at fence.

Monitoring Well Location SVP-8
Ground Penetration Radar (GPR) Profile



West **Water** **SVP-8** **Gas** **East**

Old Roosevelt Field Contaminated Ground Water Area
EPA ID# NYSFN0204234
EPA Region 2, Congressional District 04, Nassau County, Garden City, New York

NAEVA Geophysics, Inc.
Image Collected June 20, 2005 at 13:58:12 by Preston Berry
Sensors & Software GPR 250 MHz antenna No. 0000-0544-0003
Sensors & Software GPR Digital Video Logger No. 0000-0667-0008
Antenna speed approximately 3 ft/second, triggered by odometer at 0.96 inch station intervals.

Notes:

Weather: Sunny, warm, and dry. approximately 75 degrees F.
Grass surface.

ARM

ARM Group Inc.
Earth Resource Engineers and Consultants

January 3, 2006

Ms. Lisa Campbell
Project Manager
CDM Federal Programs Corporation
125 Maiden Lane, 5th Floor
New York, NY 10038

Re: Geophysical Surveying Services
Old Roosevelt Field Site
Nassau County, New York

Dear Ms. Campbell:

ARM Group Inc. (ARM) is pleased to provide to CDM Federal Programs Corporation (CDM) this letter report documenting the boring clearance survey performed at the Old Roosevelt Field Site, Nassau County, New York. An ARM geophysical survey team performed the investigation from December 6, 2005 through December 13, 2005, to conduct a multi phase underground boring clearance survey to locate underground utilities that would interfere with the installation of borings at the site.

BACKGROUND

The site is located on the eastern side of Clinton Road approximately 0.6 miles south of the intersection with Old Country Road. The site consists of a thin strip of open space along Clinton Road, a large retail shopping mall with a number of restaurants and a movie theater. The Garden City Plaza office buildings are on the perimeter sharing parking space with the shopping mall. ARM performed boring clearance services in the parking area of the site. ARM also conducted geophysical surveys at the Pasley Site.

GEOPHYSICAL SURVEY

Prior to ARM personnel arriving on-site, CDM personnel marked on the ground surface with orange spray paint or wooden stakes the location of the drilling locations. After arriving on the site, ARM personnel walked the property with the CDM representatives, noted any utilities marked by utility owners, utilities entering the buildings, and located the proposed drilling locations.

The geophysical survey was performed as a screening tool to identify possible underground utilities located at each drilling location. In order to reduce the risk of missing an underground utility, due

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reduce the risk of missing an underground utility, due to the depth it is buried, the soil type and conditions, the piping materials, and other site-specific conditions that may interfere with the effectiveness of the geophysical equipment. Some site conditions can interfere with the effectiveness of the geophysical equipment. Concrete with metal reinforcement will impede the GPR effectiveness. By its nature, no subsurface utility survey is 100 percent accurate and ARM does not accept responsibility for survey limitations.

CONCLUSIONS

Based on the information available and the limitations of the equipment, ARM attempted to clear each drilling location. In areas where a potential utility was discovered, the drilling location was moved. ARM cleared 200 boring locations at the Old Roosevelt Field site and 10 boring locations at the Pasley site.

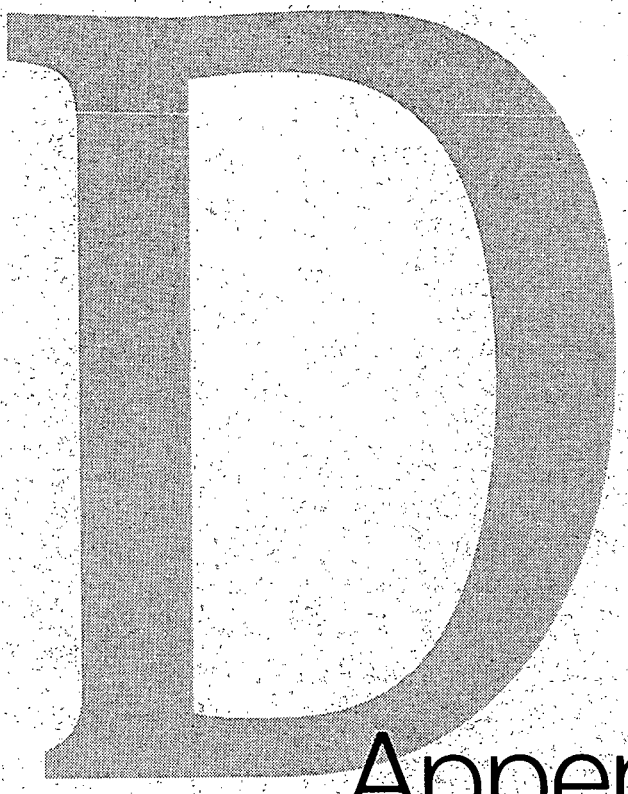
ARM appreciates this opportunity to provide geophysical services to CDM. If you have any questions or require any further information, please feel free to contact me at your convenience.

Sincerely,

ARM Group Inc.

Jeffrey L. Leberfinger, PG
VP and Senior Geophysicist

JLL:jl



Appendix D

Appendix D

Groundwater Screening Sample Water Quality Measurements

301171

SVP-01

301172

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/8/05 WELL #: SUP-01

TIME: 1325 DEPTH OF PUMP: 50' DTW 321

WEATHER CONDITIONS: 60's sunny Cod SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1330	|	|	400	0.23	7.01	0.389	<999	1.06	16.82	-97.4
1335	|	|	400	0.23	7.02	0.389	<999	1.01	16.81	-97.1
1340	|	|	400	0.23	7.01	0.389	<999	1.02	16.82	-96.4
1345	Collect SUPGW-01-50 4-40ml VOA VIALS									

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

Purge Volume Was 6 Liters

REV 5/01

301173

LOW FLOW GROU[illegible] [illegible]ATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/8/05 WELL #: SUP-01

TIME: 1300 DEPTH OF PUMP: 70' PTW 32

WEATHER CONDITIONS: 60's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1305			400	0.21	6.89	0.387	<999	1.05	16.84	-98.5
1310			400	0.21	6.91	0.387	<999	0.97	16.87	-97.2
1315			400	0.21	6.95	0.386	<999	0.97	16.91	-97.4
1318			400	0.21	6.92	0.387	<999	0.97	16.92	-97.1
1320	Collect SUP GW-01-70 4-40ml VOA VIALS									

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

Volume Purged = 8 Liters

REV 5/01

301174

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/8/05 WELL #: SUP-01

TIME: 1215 DEPTH OF PUMP: 90' DTW 32'

WEATHER CONDITIONS: 60' sunny cool SAMPLERS: TH/JB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1220	|	|	400	0.23	6.99	0.367	<999	2.04	16.71	-100.0
1230	|	|	400	0.23	7.01	0.369	<999	0.60	16.69	-97.4
1235	|	|	400	0.23	7.02	0.362	<999	0.61	16.61	-98.9
1240	|	|	400	0.23	7.02	0.371	<999	0.61	16.63	-97.2
1245	|	|	400	0.23	7.09	0.371	<999	0.62	16.69	-97.3
1245	Collect SUPGW-01-90' 4-40ml VOA VIALS									

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

Volume Purged = 10 Liters

REV 5/01

301175

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/8/05 WELL #: SUP-01

TIME: 1100 DEPTH OF PUMP: 110 DTW 32'

WEATHER CONDITIONS: 60° sunny Cold SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1105			400	0.23	7.19	0.397	<999	1.51	16.12	-116.3
1110			400	0.23	7.12	0.397	<999	1.39	16.09	-98.7
1115			400	0.23	7.21	0.389	<999	1.27	16.20	-98.4
1120			400	0.23	7.23	0.397	<999	0.97	16.21	-97.4
1125			400	0.23	7.16	0.396	<999	0.61	16.28	-98.4
1130			400	0.23	7.19	0.396	<999	0.51	16.12	-98.2
1135			400	0.23	7.16	0.396	<999	0.38	16.28	-97.0
1140			400	0.23	7.12	0.397	<999	0.39	16.91	-97.5
1145			400	0.23	7.12	0.397	<999	0.39	16.84	-98.2
1150			400	0.23	7.12	0.398	<999	0.39	16.87	-97.4
1152	Collect SUPE-01-110									

301176

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

Volumes Purged = 20 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/2/05 WELL #: SUP-01

TIME: 930 DEPTH OF PUMP: 130 DTW 321

WEATHER CONDITIONS: 60's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
935			400	0.23	7.19	0.389	<999	1.51	16.82	-110.3
940			400	0.23	7.12	0.389	<999	1.31	16.09	-99.3
945			400	0.23	7.18	0.397	<999	1.01	16.10	-97.4
950			400	0.23	7.16	0.397	<999	0.50	16.12	-99.3
955			400	0.23	7.16	0.397	<999	0.51	16.20	-99.10
1000			400	0.23	7.12	0.396	<999	0.52	16.27	-98.4
1005			400	0.23	7.12	0.396	<999	0.51	16.28	-97.0
1010	Collect SUP-01-130				4-40ml VOA VIALS					

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

Volumes Purged = 14 Liters

REV 5/01

301177

LOW FLOW GROUN ATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/8/05 WELL #: SURP-01

TIME: 0830 DEPTH OF PUMP: 150 DTW 321

WEATHER CONDITIONS: 60's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAI mV (+/- 10 mv)
0835			400	0.23	6.98	0.389	<999	3.65	15.84	-71.8
0840			400	0.23	6.99	0.389	<999	3.05	15.89	-77.9
0845			400	0.23	6.99	0.389	<999	1.51	16.09	-100.5
0850			400	0.23	7.18	0.397	<999	1.29	16.26	-106.3
0855			400	0.23	7.19	0.397	<999	1.01	16.20	-109.4
0900			400	0.23	7.19	0.397	<999	0.72	16.20	-109.8
0905			400	0.23	7.19	0.396	<999	0.70	16.27	-109.4
0910			400	0.23	7.19	0.396	<999	0.70	16.28	-110.3
0915	Collect SURFCW-01-150				MS/MSD		12-40ml	VOA	VIALS	with HCl

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

Volumes Purged = 16 liters

REV 5/01

301178

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/7/05 WELL #: SUP-01

TIME: 1355 Start DEPTH OF PUMP: 170 DTW 32'

WEATHER CONDITIONS: 60's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1400			450	0.21	7.04	0.391	<999	4.45	15.80	-100.4
1405			450	0.21	7.12	0.396	<999	3.40	15.85	-101.7
1410			450	0.21	7.07	0.392	<999	1.14	15.87	-120.4
1415			450	0.21	7.12	0.394	<999	0.97	15.92	-120.4
1420			450	0.21	7.13	0.396	<999	0.92	15.99	-120.5
1425			450	0.21	7.14	0.396	<999	0.94	15.92	-120.7
1430			450	0.21	7.14	0.396	<999	0.96	15.93	-120.8
1435	Collect SUPGW-01-170									

301179

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

Volumes Purged = 15.75 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/7/05 **WELL #:** SVP-01

TIME: 1255 Start pump **DEPTH OF PUMP:** 190 DTW 32'

WEATHER CONDITIONS: 60's Sunny cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/-0.3 FT) ~~ppb~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1300			400	0.23	6.98	0.391	<999	1.50	16.27	-100.4
1305			400	0.23	6.97	0.396	<999	1.29	16.21	-101.2
1310			400	0.23	7.03	0.394	<999	2.78	16.21	-102.4
1315			400	0.23	7.07	0.397	<999	2.66	16.22	-110.3
1320			400	0.23	7.00	0.396	<999	1.05	16.24	-114.3
1325			400	0.23	7.04	0.397	<999	0.99	16.24	-115.7
1330			400	0.23	7.01	0.399	<999	0.97	16.84	-117.4
1335			400	0.23	7.05	0.397	<999	0.95	16.81	-117.6
1340			400	0.23	7.07	0.397	<999	0.97	16.81	-117.2
1345	Collect SVPGW-01 - 190									

301180

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

Volumes Purged = ~~N/A~~ Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/7/05 WELL #: SUP-01

TIME: 1150 start DEPTH OF PUMP: 210 DTW 321

WEATHER CONDITIONS: 60's sunny cool SAMPLERS: HMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1200			400	0.23	7.18	0.413	<999	6.24	15.11	-97.8
1205			400	0.23	7.12	0.43	<999	5.25	15.12	-99.8
1210			400	0.23	7.01	0.416	<999	4.31	15.15	-98.4
1215			400	0.23	6.99	0.416	<999	2.51	15.21	-99.2
1220			400	0.23	6.83	0.412	<999	0.32	15.25	-90.4
1225			400	0.23	6.82	0.43	<999	0.32	15.04	-87.4
1230			400	0.23	6.84	0.412	900	0.35	15.01	-88.2
1235			400	0.23	6.81	0.412	<999	0.37	15.11	-85.1
1240			400	0.23	6.80	0.412	<999	0.32	15.13	-84.3
1245			400	0.23	6.87	0.412	<999	0.32	15.17	-87.2
1250										

301181

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

Volumes Purged 20 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/7/05 **WELL #:** SUP-01

TIME: 1030 start **DEPTH OF PUMP:** 230 DTW 321

WEATHER CONDITIONS: 60's sunny cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	~~FLOW RATE~~	~~DRAWDOWN FEET (+/- 0.3 FT)~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1040			0.23	400	6.94	0.393	<999	4.21	14.82	-53.7
1045			0.23	400	6.94	0.403	<999	3.26	14.82	-50.1
1050			0.23	400	6.94	0.403	<999	2.34	14.83	-67.9
1055			0.23	400	6.93	0.403	<999	1.65	14.83	-75.1
1100			0.23	400	6.93	0.409	<999	0.50	14.25	-70.2
1105			0.23	400	6.93	0.409	<999	0.32	14.97	-85.1
1110			0.23	400	6.93	0.409	<999	0.27	14.80	-82.1
1115			0.23	400	6.93	0.410	<999	0.27	14.80	-83.1
1120			0.23	400	6.93	0.410	<999	0.27	14.81	-80.1
1125			0.23	400	6.93	0.410	<999	0.27	14.81	-85.4
1130			0.23	400	6.93	0.410	<999	0.27	14.81	-85.2
1135	Collect SUPGW-01-230									

301182

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

Volumes Purged = 22 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/7/05 **WELL #:** SUP-01

TIME: 0908 Start pump **DEPTH OF PUMP:** 250 DTW 32

WEATHER CONDITIONS: 60's sunny cool **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0915			400	0.23	6.71	0.367	<999	7.44	14.82	-52.4
0920			400	0.23	6.77	0.377	<999	4.09	14.85	-52.0
0925			400	0.23	6.84	0.393	<999	0.56	14.92	-65.9
0930			400	0.23	6.82	0.394	<999	0.50	14.94	-69.6
0935			400	0.23	6.92	0.403	<999	0.50	14.94	-69.1
0940			400	0.23	6.94	0.404	<999	0.31	14.96	-75.1
0945			400	0.23	6.95	0.403	<999	0.31	14.97	-75.4
0945			400	0.23	6.94	0.413	<999	0.28	14.99	-82.3
0950			400	0.23	6.94	0.410	<999	0.27	14.97	-80.4
0955			400	0.23	6.93	0.410	<999	0.28	14.98	-80.1
0957	Collect SUPGW-01-250				4-	40ml	VOA VIALS			

301183

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

Volumes Purged = 20 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/07/05 **WELL #:** SUP-01

TIME: 0811 Start pump **DEPTH OF PUMP:** 270' DTW 32

WEATHER CONDITIONS: 60's sunny cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0820			400	0.25	7.14	0.413	<999	3.94	15.10	-90.4
0825			400	0.25	7.16	0.400	<999	1.32	15.12	-90.2
0830			400	0.25	7.16	0.413	<999	0.23	15.21	-97.3
0835			400	0.25	7.14	0.413	<999	0.23	15.07	-97.8
0840			400	0.25	7.16	0.413	<999	0.23	15.04	-97.9
0845			400	0.25	7.16	0.413	<999	0.23	15.01	-97.2
0850			400	0.25	7.16	0.413	<999	0.23	15.01	-97.2
0855			400	0.25	7.18	0.413	<999	0.22	15.05	-99.2
0856	Collect SUPGW-01-270					4-40ml VOA VIALS				

301184

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

Volumes Purged = 16 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/4/05 **WELL #:** SUP-01

TIME: 1110 Start pump **DEPTH OF PUMP:** 290 DTW 321

WEATHER CONDITIONS: 70's sunny cool **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) ~~ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1120			400	0.24	6.23	0.402	<999	2.11	15.81	-32.7
1125			400	0.24	6.24	0.429	<999	1.03	15.67	-66.4
1130			400	0.25	6.24	0.429	<999	1.03	15.67	-66.2
1135			400	0.25	6.24	0.429	<999	0.99	15.68	-69.3
1140			400	0.25	6.24	0.429	<999	0.97	15.68	-71.2
1145			400	0.25	6.24	0.429	<999	0.98	15.65	-73.9
1150			400	0.25	6.24	0.429	<999	0.95	15.65	-74.0
1155			400	0.25	6.23	0.422	<999	0.94	15.65	-74.3
1200			400	0.25	6.24	0.423	<999	0.94	15.64	-74.6
1202	Collect SUP-W-01-290				4-40ml	VOA VIALS				

301185

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

Volumes Purged = 18 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/4/05 WELL #: SUP-01

TIME: 1010 Start pump DEPTH OF PUMP: 310 DTW 321

WEATHER CONDITIONS: 70's Sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~0.3 FT~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1020			450	0.23	6.24	0.386	<999	18.01	15.73	-10.0
1025			450	0.23	6.23	0.386	<999	7.21	15.74	-19.1
1030			450	0.23	6.23	0.277	<999	4.01	15.73	-20.5
1035			450	0.23	6.23	0.289	<999	1.09	15.66	-22.9
1040			450	0.23	6.22	0.339	<999	0.37	15.67	-22.4
1045			450	0.23	6.22	0.338	<999	0.35	15.66	-23.5
1050			450	0.23	6.22	0.338	<999	0.37	15.62	-31.2
1055			450	0.23	6.22	0.338	<999	0.37	15.62	-30.5
1056	Collect	SUP-01-310			4-40ml VOA VIALS					

301186

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

Volumes Purged = 18 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/4/05 **WELL #:** SUP-01

TIME: 0858 Start pump **DEPTH OF PUMP:** 330 DTW 321

WEATHER CONDITIONS: 70's sunny cool **SAMPLERS:** HMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~Sel ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0905			400	0.25	6.52	0.418	<999	2.66	15.29	-69.8
0910			400	0.25	6.53	0.418	<999	1.92	15.29	-74.0
0915			400	0.25	6.53	0.418	<999	1.70	15.27	-74.2
0920			400	0.25	6.53	0.418	<999	1.40	15.32	-74.0
0925			400	0.25	6.53	0.418	<999	1.40	15.31	-77.7
0930			400	0.25	6.55	0.418	<999	1.30	15.35	-78.3
0935			400	0.25	6.57	0.418	<999	1.03	15.35	-78.8
0940			400	0.25	6.57	0.418	<999	0.96	15.36	-78.7
0945			400	0.25	6.58	0.418	<999	0.97	15.36	-78.1
0950			400	0.25	6.57	0.418	<999	0.96	15.32	-78.7
0951	Collect SUPEW-01-330				4 - 40ml VOA					

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

Volumes Purged = 20 Liters

REV 5/01

301187

LOW FLOW GROU. VATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: ~~11/3/05~~ 11/4/05 (MB 11/4/05)

WELL #: SVP-01

TIME: 0800 Start pump

DEPTH OF PUMP: 350' DTW-32'

WEATHER CONDITIONS: 70's sunny cool

SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) sd ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0810			400	0.21	6.41	0.336	<999	9.95	13.89	33.2
0820			400	0.21	7.01	0.408	<999	5.31	14.82	-51.5
0825			400	0.21	7.02	0.409	<999	1.99	14.83	-51.9
0830			400	0.21	7.02	0.408	<999	1.79	14.83	-52.2
0835			400	0.21	7.02	0.408	<999	1.59	14.84	-52.2
0840			400	0.21	7.02	0.408	<999	1.60	14.83	-52.3
0845			400	0.21	7.02	0.408	<999	1.62	14.84	-52.3
0846	Collect SVPGW-01-350									

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

Volumes Purged = 14 Liters

REV 5/01

301188

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: ~~11/3~~ 11/3/05 JMB

WELL #: SVP-01

TIME: 1445 start

DEPTH OF PUMP: 370 DTW-32

WEATHER CONDITIONS: 60's

SAMPLERS: JMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1450			400	0.22	6.82	0.382	<999	6.12	15.31	-65.3
1455			400	0.22	6.82	0.381	<999	6.00	15.29	-65.3
1500			400	0.22	6.82	0.381	<999	5.01	15.27	-67.9
1505			400	0.22	6.82	0.381	<999	4.26	15.30	-68.4
1510			400	0.22	6.82	0.381	<999	3.24	15.29	-69.2
1515			400	0.22	6.83	0.381	<999	2.42	15.29	-61.1
1520			400	0.22	6.82	0.381	<999	1.01	15.31	-69.2
1525			400	0.22	6.82	0.381	<999	0.62	15.29	-69.3
1530			400	0.22	6.82	0.381	<999	0.63	15.21	-64.3
1535			400	0.22	6.82	0.381	<999	0.62	15.21	-61.2
1540			400	0.22	6.82	0.381	<99	0.62		
1541	Collect SVPGW-01-370 & duplicate SVPGW-45-370									

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

Volume Purged = 22 Liters

REV 5/01

301189

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/3/05 **WELL #:** SVP-01

TIME: 1300 start **DEPTH OF PUMP:** 390 DTW 32

WEATHER CONDITIONS: 60's sunny cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1310			400	0.21	6.31	0.372	<999	5.87	16.21	-88.3
1320			400	0.21	6.31	0.372	<999	6.00	16.01	-85.1
1330			400	0.21	6.26	0.372	<999	4.50	16.23	-84.2
1335			400	0.21	6.20	0.378	<999	3.01	16.23	-85.3
1340			400	0.21	6.80	0.395	<999	2.87	16.21	-81.2
1345			400	0.21	6.32	0.392	<999	1.94	16.32	-81.3
1350			400	0.21	6.31	0.393	<999	1.52	16.00	-81.2
1355			400	0.21	6.31	0.392	<999	0.53	16.01	-81.3
1400			400	0.21	6.31	0.392	<999	0.74	16.03	-81.4
1405			400	0.21	6.31	0.391	<999	0.72	16.04	-81.2
1410			400	0.21	6.31	0.392	<999	0.71	16.02	-85.3
1415			400	0.21	6.31	0.390	<999	0.71	16.02	-85.2
1420	Collect SVPGW-01-390 MS/MSD									

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

Volumes Purged = 24 Liters

301190

REV 5/01

LOW FLOW GROU[illegible]VATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/3/05 WELL #: SOP-01

TIME: 1125 DEPTH OF PUMP: 40 DTW 32

WEATHER CONDITIONS: 60's sunny cool SAMPLERS: THB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1130			400	0.21	6.82	0.395	<999	5.74	15.10	-81.5
1135			400	0.21	6.82	0.395	<999	5.00	15.11	-80.7
1140			400	0.21	6.82	0.395	<999	5.00	15.20	-63.2
1145			400	0.21	6.74	0.395	<999	2.97	15.21	-65.9
1150			400	0.21	6.81	0.395	<999	2.54	15.14	-69.3
1155			400	0.21	6.82	0.395	<999	1.90	15.12	-65.5
1200			400	0.21	6.89	0.392	<999	1.87	15.28	-81.1
1205			400	0.21	6.91	0.392	<999	1.63	15.32	-79.3
1210			400	0.21	7.00	0.392	<999	1.00	15.41	-80.5
1215			400	0.21	6.99	0.392	<999	0.94	15.62	-81.3
1220			400	0.21	6.82	0.392	<999	0.93	15.11	-81.4
1225			400	0.21	6.82	0.392	<999	0.94	15.12	-81.2

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

301191

LOW FLOW GROU NATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

pg 2 of 2

DATE: 11/3/05 WELL #: SCPG-01

TIME: 1125 DEPTH OF PUMP: 410 DTW 32

WEATHER CONDITIONS: 60's sunny cold SAMPLERS: TMR

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1230	1	1	400	0.21	6.82	0.392	<999	0.94	15.11	-83.2
1235	1	1	400	0.21	6.83	0.392	<999	0.94	15.11	-83.4
1239	Collect SCPG-01-410									

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

Volumes Purged = 28 Liters

REV 5/01

301192

LOW FLOW GROU[illegible]VATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/3/05 WELL #: SUPEW-01

TIME: 0823 DEPTH OF PUMP: 430

WEATHER CONDITIONS: [illegible] SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1025			400	0.23	6.34	0.394	<999	5.64	15.04	-16.2
1030			400	0.23	6.32	0.394	<999	3.09	15.20	-16.4
1035			400	0.23	6.34	0.394	<999	2.77	15.20	-16.2
1040			400	0.23	6.34	0.394	<999	2.74	15.20	-76.4
1045			400	0.24	6.28	0.395	900	2.40	15.21	-78.7
1050			400	0.23	6.34	0.394	<999	0.97	15.30	-79.6
1055			400	0.23	6.34	0.395	<999	0.78	15.31	-80.1
1100			400	0.23	6.82	0.395	<999	0.72	15.28	-81.3
1105			400	0.23	6.88	0.395	<999	0.71	15.28	-82.8
1110			400	0.23	6.82	0.395	<999	0.71	15.30	-83.4
1112			Collect SUPEW-01-430 — 4 40ml VOA							VIAL

301193

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

Volumes Purged = 20 Liters

REV 5/01

LOW FLOW GROI WATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: ~~10~~ 11/2/05 & 11/03/05 WELL #: SUP-01

TIME: 1500 start on 11/2/05, & 0800 11/3/05 DEPTH OF PUMP: 450 DTW 32

WEATHER CONDITIONS: 60's Sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~Sal ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1505			400	0.21	6.12	0.350	<999	7.76	14.36	68.0
1510			400	0.21	6.12	0.353	<999	5.92	14.48	37.4
1515			400	0.21	6.12	0.353	<999	5.00	14.47	37.1
1520			400	0.21	6.12	0.353	<999	3.83	14.32	37.1
1525			400	0.21	6.12	0.352	<999	3.83	14.36	37.1
1530			400	0.21	6.12	0.353	<999	3.83	14.48	37.1
*11/3/05			400	0.21	6.16	0.354	<999	3.83	14.52	29.5
0805			400	0.21	6.22	0.355	<999	3.83	14.51	29.1
0810			400	0.21	6.23	0.354	<999	3.39	14.51	29.1
0820			400	0.21	6.23	0.355	<999	3.21	14.62	29.1
0825			400	0.21	6.23	0.355	<999	3.17	14.62	29.1
0830			400	0.21	6.27	0.357	<999	~~2~~ 3.29	14.47	20.0

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

REV 5/0

3011194

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

2 0 2

DATE: ~~10~~ 11/3/05 WELL #: SUP-01

TIME: 0800 DEPTH OF PUMP: 450 DTW 32'

WEATHER CONDITIONS: 60's SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0835			400	0.22	6.30	0.359	<999	1.80	14.47	10.00
0840			400	0.22	6.30	0.359	<999	1.43	14.42	10.2
0845			400	0.22	6.30	0.359	<999	1.00	14.47	10.3
0850			400	0.22	6.34	0.359	<999	0.99	14.42	9.6
0855			400	0.22	6.34	0.360	<999	0.99	14.42	8.3
0900			400	0.22	6.34	0.361	<999	0.99	14.43	8.9

* ~~0901~~ 0912 Collect SUPGW-01-450 4-40ml VOA VIALS samples collected @ 1012 b/c generator ran out of gas

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

Volumes Purged = 36 Liters

REV 5/01

301195

SVP-02

301196

LOW FLOW GR[illegible]NDWATER SAMPLING

OLD ROOSEVELT FIELD G[illegible]NDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/14/05 WELL #: SUPG2

TIME: 1040 Start pump DEPTH OF PUMP: 50' DTW 37'

WEATHER CONDITIONS: 80's sunny warm SAMPLERS: THB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1045			400	0.33	4.96	0.620	<999	3.23	21.12	-468
1050			400	0.44	5.34	0.849	<999	1.45	22.08	-230.6
1055			400	0.46	5.46	0.920	<999	1.46	22.99	-219.8
1100			400	0.48	5.47	0.943	<999	1.48	23.01	-214.0
1105			400	0.49	5.46	0.964	<999	1.48	23.08	-205.1
1110			400	0.49	5.46	0.964	<999	1.48	22.91	-200.7
1115			400	0.49	5.46	0.964	<999	1.47	22.93	-195.7
1118			~~400~~	~~0.4~~						
	Collect SUPGW-02-50' 4-40ml VOA									

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

Volumes Purged = 16 Liters

REV 5/0

301197

LOW FLOW GR !DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/14/05 WELL #: SVP-02

TIME: 0940 Start pump DEPTH OF PUMP: 70 DTW 37'

WEATHER CONDITIONS: 80 sunny warm SAMPLERS: HMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDC POTENT mV (+/- 10
0950			400	0.32	5.53	0.587	<999	0.80	19.92	-30
0955			400	0.32	5.59	0.590	<999	0.94	19.81	-29
1000			400	0.32	5.73	0.595	<999	0.99	19.78	-28
1005			400	0.32	5.74	0.595	<999	1.10	19.73	-28
1010			400	0.32	5.76	0.595	<999	1.10	19.64	-27
1015			400	0.32	5.76	0.595	<999	1.10	19.63	-27
1018	Collected		SVPEW 02 -	70'		4-40 ml	VOA	VIALS		

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

Volumes Purged = 14 Liters

REV

301198

LOW FLOW GR NDWATER SAMPLING

OLD ROOSEVELT FIELD GR NDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/14/05 WELL #: SVP-02

TIME: 0820 start pump DEPTH OF PUMP: 90' DTW 37'

WEATHER CONDITIONS: 80's sunny warm SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0830			400	0.32	6.86	0.577	<999	0.29	19.35	-192
0835			400	0.31	6.43	0.574	<999	0.16	19.35	-236
0840			400	0.31	6.40	0.574	<999	0.16	19.35	-247
0845			400	0.31	6.40	0.574	<999	0.16	19.35	-247
0850			400	0.32	5.87	0.577	<999	0.21	19.32	-275
0855			400	0.32	5.86	0.577	<999	0.21	19.32	-274
0900			400	0.32	5.71	0.582	<999	0.23	19.50	-312.6
0905			400	0.32	5.60	0.579	<999	0.20	19.36	-344
0910			400	0.32	5.46	0.579	<999	0.20	19.40	-351.5
0915			400	0.32	5.45	0.580	<999	0.20	19.40	-350.1
0920			400	0.32	5.44	0.580	<999	0.20	19.40	-350
0923	Collect SVPGW-02-90				4-	40ml	VOA VIALS			

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

Volumes Purged = 22 Liters

REV 5/

301199

LOW FLOW GF NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/13/05 WELL #: SVP-02

TIME: 1442 DEPTH OF PUMP: 110 DTW 37

WEATHER CONDITIONS: 80's sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS) L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Set ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTENT mV (+/- 10
1452			500	0.28	4.49	0.559	<999	0.82	22.31	-354
1457			500	0.29	4.38	0.560	<999	0.26	21.90	-386
1503			500	0.29	4.37	0.562	<999	0.20	21.87	-40
1508			500	0.29	4.38	0.562	<999	0.20	21.87	-404
1511			500	0.29	4.38	0.562	<999	0.20	21.99	-406
1516			500	0.29	4.38	0.562	<999	0.20	22.00	-408
1518	Collect SVPGW-02-110									

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

Volumes Purged = 17.5 Liters

REV

301200

LOW FLOW GR[illegible]DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/13/05 WELL #: SVP-02

TIME: 1400 Start pump DEPTH OF PUMP: 130 DTW 37'

WEATHER CONDITIONS: SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1415			500	0.28 ppt	3.49	0.549	<999	0.76	22.09	-418.1
1420			500	0.28	3.67	0.545	<999	0.50	22.25	-413.2
1425			500	0.28	3.67	0.545	<999	0.49	21.65	-414.7
1430			500	0.28	3.68	0.546	<999	0.50	22.6	-413.5
1432	Collect		SVPGW-02-130							
			4- 40ml VOA							

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

Volumes Purged = 10 Liters

REV 5/01

301201

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/13/05 WELL #: SVP-02

TIME: 1153: Start pump DEPTH OF PUMP: 150 DTW 37'

WEATHER CONDITIONS: 80 Sunny SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1203			450	0.23	2.93	0.472		0.38	25.01	-390.7
1208			450	0.23				0.42	24.22	
1213			450	0.22	1.84	0.481	E.3	0.40	24.25	-354.6
1238			450	0.22	1.53	0.485	E.3	0.41	24.69	-343.6
1243			450	0.22	2.19	0.486	E.3	0.38	24.92	-347.9
1258			450	0.22	2.57	0.478	E.3	0.33	25.15	-332.4
1303			450	0.22	2.79	0.478	E.3	0.32	25.12	-334.5
1318			450	0.22	2.87	0.459	<999	0.29	25.29	-324.6
1328			450	0.22	2.84	0.458	<999	0.29	25.14	-324.2
1338			450	0.22	2.70	0.454	<999	0.30	25.03	-320.8
134			450	0.22	2.72	0.455	<999	0.30	25.47	-325.0
1344			450	0.22	2.76	0.454	<999	0.30	25.40	-324.0

1346 Collect SVPGW-02-150 MS/MSD 12-40ml VOA

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

Volume Purged = ~~27 Liters~~ mL
47.25L

REV 5/01

301202

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/13/05 WELL #: SVP-02

TIME: 1015 DEPTH OF PUMP: 170 PTW 37'

WEATHER CONDITIONS: 80's sunny SAMPLERS: YLNB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1030			400	0.24	3.70	0.459	<999	0.70	24.25	-423.7
1035			400	0.24	2.95	0.491	<999	0.60	22.95	-407.0
1040			400	0.24	2.27	0.491	<999	0.38	22.93	-379.0
1045			400	0.24	2.24	0.491	<999	0.38	22.92	-372.0
1050			400	0.24	2.24	0.491	<999	0.39	23.06	-372.9
1055			400	0.24	2.24	0.491	<999	0.38	23.06	-372.0
1100			400	0.24	2.24	0.491	<999	0.39	23.13	-373.1
1105			400	0.24	2.24	0.491	<999	0.39	23.12	-371.5
1108	Collect	SVPGW-02-170			4-40ml		VOA VIALS			
		SVPGW-~~02~~90-170					Duplicate			

301203

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

Volumes Purged = 16 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/13/05 WELL #: SVP-02

TIME: 0830 start pump DEPTH OF PUMP: 190' BTOW 371

WEATHER CONDITIONS: 80's sunny hot SAMPLERS: TLB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0845			400	0.25	5.14	0.472	<999	0.40	20.53	-124.1
0850				0.25	4.71	0.477	<999	0.16	20.71	-226.
0855				0.25	4.34	0.480	909	0.16	20.50	-239.
0900				0.25	4.16	0.484	907	0.17	20.73	-243.
0905				0.25	4.00	0.487	900	0.17	20.99	-197.6
0910				0.26	3.74	0.491	865	0.18	20.97	-241.
0915				0.26	3.73	0.491	800	0.18	20.98	-222
0920				0.26	3.17	0499	800	0.24	20.28	-280.
0925				0.26	3.10	0.498	807	0.24	20.29	-307.
0930				0.26	3.12	0.500	807	0.25	21.47	-309
0935			400	0.26	3.12	0.501	806	0.25	21.37	-306.
0938	Collect	SVPGW	02-190'		4	40 ml	VOA	VIALS		

301204

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

Volumes Purged = 22 Liters

REV 5/0

LOW FLOW GRO[illegible]ER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/12/05 WELL #: SVP-02

TIME: 1630 DEPTH OF PUMP: 210 DTW 37

WEATHER CONDITIONS: 80's sunny hot SAMPLERS: TLB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1635			500	0.21	4.63	0.481	750	0.15	22.60	-406.8
1640			500	0.23	4.63	0.465	756	0.17	23.64	-392.2
1645			500	0.23	3.11	0.464	752	0.17	23.51	-391.2
1650			500	0.23	3.04	0.463	675	0.17	23.58	-390.4
1655			500	0.23	3.04	0.463	600	0.17	23.58	-390.3
1700			500	0.23	3.04	0.462	643	0.18	23.56	-391.6
1705			500	0.23	3.04	0.463	645	0.17	23.52	-391.4
1708	Collect SVPGW-02-210					4-40ml	VOA			

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

Volumes Purged = 17.5 Liters

REV 5/01

301205

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/12/05 WELL #: SVP-02

TIME: 1530 Start pump DEPTH OF PUMP: 230 DTW 37.1

WEATHER CONDITIONS: 80's Sunny/Hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1535			400	0.23	3.01	0.468	<999	3.11	24.78	-7.4
1540			400	0.23	2.88	0.471	<999	0.99	24.11	-370.4
1545			400	0.23	2.64	0.422	<999	0.58	23.83	-365.4
1550			400	0.21	2.67	0.422	<999	0.57	23.66	-359.7
1555			400	0.21	2.69	0.425	<999	0.44	23.69	-379.0
1600			400	0.21	3.14	0.426	<999	0.39	23.61	-386.1
1605			400	0.21	3.17	0.425	<999	0.38	23.64	-389.2
1610			400	0.21	3.55	0.429	<999	0.32	24.00	-398
1612	Collect SVPGW-02 -230' 4 VOA									

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

Purge Vol 16 L

301206

REV 5/0

LOW FLOW GRO[redacted]ER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/12/05 WELL #: SVP-02

TIME: 1320 DEPTH OF PUMP: 250' DTW 371

WEATHER CONDITIONS: 80's Sunny hot SAMPLERS: YHB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) S=1 ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1330			400	0.21	4.72	0.437	4.69	0.32	24.91	-386.2
1340			400	0.21	4.06	0.438	4.68	0.20	24.85	-391.8
1350			400	0.21	4.03	0.436	4.75	0.21	24.96	-389.3
1410			400	0.21	3.50	0.430	Er3	0.22	24.20	-376.3
1420			400	0.21	3.29	0.430	Er3	0.23	24.33	-366.4
1430			400	0.21	2.81	0.400	<999	0.21	23.86	-365.2
1440			400	0.21	2.89	0.400	<999	0.20	24.86	-366.2
1445			400	0.21	3.04	0.404	<999	0.20	24.28	-369.9
1450			1400	0.21	3.04	0.404	<999	0.20	24.69	-368.2
1455			1400	0.21	3.03	0.407	<999	0.20	24.41	-368.7
1500			1400	0.21	3.04	0.404	<999	0.20	24.53	-369.7
1503	SVP GW-02-250				4-40ml	VOA	VIALS			

301207

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

Volumes Purged = ~~22~~ 14.00 ml / 36 Liters

REV 5/01

LOW FLOW GROUND\ ER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/12/05 WELL #: SVP-02

TIME: 1133 DEPTH OF PUMP: 270' DTW 371

WEATHER CONDITIONS: 80's sunny Hot SAMPLERS: HLB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1143			400	0.20	4.48	0.373	<999	3.34	23.39	-178.0
1153			400	0.19	4.75	0.393	<999	0.81	22.97	-313.9
1203			400	0.19	4.75	0.393	600	0.31	23.01	-376.1
1213			400	0.19	4.75	0.393	605	0.24	23.37	-387.6
1223			400	0.19	4.78	0.395	605	0.20	23.38	-386.9
1233			400	0.19	4.82	0.398	605	0.20	23.38	-397.5
1236			400	0.20	4.81	0.402	640	0.18	23.66	-398.6
1239			400	0.20	4.81	0.402	632	0.18	23.66	-408.7
1242			400	0.20	4.81	0.402	638	0.20	23.66	-399.6
1245	Collect		SVPGW-02		-270	4	40ml	VOA		

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

Volumes Purged = ~~18~~ 24 liters

REV 5/01

301208

LOW FLOW GRO[illegible]ER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/12/05 WELL #: SVP-02

TIME: 0810 DEPTH OF PUMP: 290' DTW 37'

WEATHER CONDITIONS: 80's sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0825			350	0.22	5.87	0.413	<999	0.20	19.25	-107.3
0830				0.22	5.79	0.415	<999	0.17	19.34	-115.6
845				0.21	4.77	0.394	830	0.20	20.98	-195.0
0900				0.21	4.77	0.394	<999	0.20	21.12	-199.5
0915				0.21	4.77	0.394	<999	0.20	20.93	-200.2
0930				0.20	4.72	0.392	<999	0.20	21.15	-204.1
0945				0.20	4.72	0.392	<999	0.20	21.15	-20[illegible]
1000				0.20	4.72	0.392	<999	0.20	21.15	-[illegible]
1015				0.20	~~4.40~~ 4.72	0.389	<999	0.21	20.95	-[illegible]
1030				0.20	4.72	0.384	<999	0.20	20.98	-[illegible]5.1
1045	Sample Collected			SVPGW-02-290'			4-40ml VOA		with HCL	

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

Volumes Purged = ~~17.5~~ 49 Liters

MC 11.9.04

REV 5/01

301209

LOW FLOW GR(.DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/9/05 WELL #: SVP-02

TIME: 1545 DEPTH OF PUMP: 310 DTW 37'

WEATHER CONDITIONS: 80's sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET ~~(+/- 0.3 FT)~~ sd ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1600	60		400	0.19	4.28	0.363	<999	2.01	22.97	239.
1605			400	0.21	4.24	0.423	<999	0.65	22.82	-40.
1610			400	0.21	4.22	0.421	<999	0.50	22.59	-46.
1613			400	0.21	4.23	0.423	<999	0.49	22.70	-42.
1616			400	0.21	4.23	0.422	<999	0.50	22.68	-42.
1617	Collected			SVPGW-02-310						
			4-40ml VOA VIAIS with HCL							

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

Purge Vol 73L

REV

301210

LOW FLOW GR[illegible]DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

Bypass

DATE: 9/9/05 WELL #: ~~330~~ SVP-02

TIME: Start pump @ 1430 DEPTH OF PUMP: 330 TOW 37'

WEATHER CONDITIONS: 80 sunny hot SAMPLERS: MKB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1445	6.0		400	0.14	4.46	0.354	<999	10.83	24.46	345.1
1450			400	0.08	4.38	0.231	<999	8.19	24.00	375.5
1455			400	0.20	4.08	0.405	<999	6.63	24.01	234.0
1500			400	0.23	4.13	0.454	<999	3.67	23.15	69.8
1505			400	0.21	4.09	0.430	<999	2.31	22.89	15.2
1510			400	0.21	4.13	0.424	<999	0.99	22.02	-20.4
1515			400	0.21	4.72	0.421	<999	0.44	22.50	-45.6
1520			400	0.21	4.72	0.421	<999	0.44	22.75	-49.0
1525			400	0.21	4.72	0.421	<999	0.44	22.75	-49.1
1528	Collect SVPGW-02-330'					4-40ml VOC Vials				

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

Purge Vol 7.9L

REV 5/01

301211

LOW FLOW GRC OWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/9/05 WELL #: ~~SVP-02~~

TIME: 1300 Start pump DEPTH OF PUMP: 350 ~~BTW 37~~

WEATHER CONDITIONS: 80's sunny warm SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) ~~0.1 ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1315	6.7		450	0.22	5.45	0.455	691	5.79	20.74	126.8
1330			450	0.22	5.51	0.415	690	0.52	21.06	36.3
1335			450	0.21	5.52	0.415	691	0.48	21.28	-49.6
1340			450	0.21	5.46	0.415	500	0.35	21.37	-73.5
1345			450	0.21	5.46	0.415	500	0.35	21.43	-75.0
1350			450	0.21	5.26	0.419	500	0.31	21.43	-87.0
1355			450	0.21	5.19	0.420	500	0.30	22.09	-88.8
1400			450	0.21	5.02	0.423	500	0.29	22.22	-91.3
1405			450	0.21	5.02	0.423	510	0.28	2235	-89.8
1410			450	0.21	5.03	0.423	503	0.29	22.43	-90.3
1412	Collect SVPGW-02-350						4-40ml VOA VIALS			
	Duplicate SVPGW-90-350						4-40ml VOA VIALS			

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

Purge Vol 8.4L

REV 5/0

301212

LOW FLOW GRO[illegible]OWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/9/05 WELL #: SVP-02

TIME: 1045 Start pump DEPTH OF PUMP: 370' DTW 371'

WEATHER CONDITIONS: SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1100			450	0.22	4.95	0.419	<999	6.87	21.26	88.8
1115			450	0.21	5.34	0.400	600	0.72	21.00	-20.3
1120			450	0.21	5.35	0.400	600	0.71	21.10	-20.9
1125			450	0.21	5.35	0.399	600	0.68	21.70	-20.8
1130			450	0.21	5.35	0.399	600	0.68	20.70	-19.8
1135			450	0.21	5.59	0.398		0.38	20.49	-40.8
1140			450	0.21	5.60	0.397		0.38	20.49	-40.9
1145			450	0.21	5.60	0.397		0.38	20.49	-39.7
1150			450	0.21	5.61	0.399		0.38	20.49	-38.7
1152	Collect SVPGW-02-370 4-40ml VOA VIALS									

301213

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

Purge Vol 18.9L

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/9/05 WELL #: SVP-02

TIME: 0900 Start pump DEPTH OF PUMP: 390' DTW 37'

WEATHER CONDITIONS: 80's Hot sunny SAMPLERS: HMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0915	6.75		450	0.23	6.26	0.435	<999	0.59	19.59	-125
0930	~~13.5~~ HMB 9/9/5		450	0.22	6.19	0.455	<999	0.25	19.43	-117
0935			450	0.22	6.20	0.410	<999	0.16	19.58	-125
0940			450	0.22	6.20	0.410	<999	0.16	19.58	-126
0945			450	0.22	6.20	0.404	<999	0.16	19.50	-130
0950			450	0.22	6.21	0.404	<999	0.16	19.55	-130.1
0955			450	0.22	6.21	0.404	<999	0.16	19.56	-129
1000			450	0.22	6.21	0.404	<999	0.16	19.52	-130
1005			450	0.22	6.21	0.404	<999	0.16	19.58	-129
1010			450	0.22	6.21	0.404	<999	0.16	19.74	-129
1012	Collect SVPGW-02-390 MS/MSD									
		12-40ml VOA with HCl								

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

Purge Vol 9.5L

REV 5/0

301214

LOW FLOW GR[illegible]DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/9/05 WELL #: SVP-02

TIME: 0745 start pump DEPTH OF PUMP: 410 DTW 37

WEATHER CONDITIONS: 80° Sunny/cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC) MB 9/9/05	FLOW RATE ml/min Sal ppt	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0800	0.75		450	0.23	6.28	0.437	818	0.95	19.01	-63.7
0815	13.5		450	0.23	6.28	0.414	<999	0.28	19.06	-88.6
0830	20.25		450	0.23	6.24	0.48	<999	0.18	19.25	-104.3
0835			450	0.23	6.22	0.418	<999	0.17	19.25	-109.1
0840			450	0.23	6.27	0.418	<999	0.17	19.26	-114.6
0845			450	0.23	6.27	0.418	<999	0.17	19.30	-115.2
0846	Collect SVPEW-02-410					4 40ml VOA VIALS with HCl				

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

Purge Vol 10.07

REV 5/0

301215

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/8/05 WELL #: SVP-02

TIME: 1505 start pump DEPTH OF PUMP: 430 DTW 37'

WEATHER CONDITIONS: 80s sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) scl ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1520	3.5 gals		350	0.15	6.13	0.331	813	3.82	23.91	-26.0
1530			350	0.25	6.34	0.438	<999	0.41	23.68	-86.9
1540			350	0.23	6.54	0.472	<999	0.11	23.53	-145
1550	7.0		350	0.23	6.83	0.466	<999	0.29	23.50	-201
1600			350	0.23	6.83	0.465	<999	0.29	23.54	-206
1610	~~14.0~~		350	0.29	6.83	0.463	<999	0.20	23.26	-209
1620			350	0.23	6.84	0.461	<999	0.12	23.26	-212
1625			350	0.23	6.84	0.459	<999	0.09	23.09	-213
1630			350	0.23	6.84	0.459	<999	0.09	23.06	-214
1635			350	0.23	6.84	0.458	<999	0.09	23.04	-214
1640			350	0.23	6.84	0.458	<999	0.09	23.04	-214
1643	Collect SVPGW-02-430				4 - 40ml VOA VIALS					

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

Purge Vol 10.6L

REV

301216

LOW FLOW GR[illegible]DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

Pg 1 of [illegible]

DATE: 9/8/05 WELL #: BVP-02

TIME: 1245 Start pump DEPTH OF PUMP: 450' DTW 37

WEATHER CONDITIONS: 80's sunny cool SAMPLERS: AHB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1255			350	0.25	6.15	0.434	Er3	0.56	22.94	-82.5
1305			350	0.25	6.36	0.471	Er3	0.58	22.61	-106.2
1315			350	0.25	6.53	0.497	Er3	0.78	23.28	-158.2
1325			350	0.25	6.66	0.496	Er3	0.39	23.13	-177.5
1335			350	0.25	6.79	0.499	432	0.21	23.37	-202.5
1345			350	0.25	6.79	0.497	432	0.20	23.09	-203.7
1350			350	0.25	6.87	0.507	400	0.10	23.55	-218.2
1355			350	0.25	6.87	0.508	400	0.10	23.67	-218.1
1400			350	0.25	6.87	0.507	400	0.10	23.49	-217.1
1405			350	0.25	6.83	0.508	400	0.14	23.52	-211.1
1410			350	0.25	6.78	0.506	400	0.10	23.26	-202.4
1415			350	0.25	6.78	0.506	400	0.10	23.22	-201.9

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

301217

REV 5/0

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

pg 2 of 2

DATE: 9/8/05 WELL #: SVP-02

TIME: 12 y's Start pump DEPTH OF PUMP: 450

WEATHER CONDITIONS: 80's Sunny cool SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Sd ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1420			350	0.25	6.77	0.504	400	0.10	23.12	-20
1425			350	0.25	6.77	0.505	400	0.10	23.22	-200
1430			350	0.25	6.77	0.505	400	0.10	23.22	-199.
1435	Sample SVP GW-02-450						440 ml	ml	VOA-C	

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

Purge Volume: ~~[illegible]~~ 350

REV

301218

SVP-03

301219

LOW FLOW GRC[illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/30/05 WELL #: SVP-3

TIME: 1420 DEPTH OF PUMP: 50 DTW 36.80'

WEATHER CONDITIONS: 80's Sunny hot SAMPLERS: MLB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1425			400	0.40	6.44	0.866	<999	1.80	21.86	-83.7
1430			400	0.44	6.55	0.829	<999	0.65	20.82	-121.7
1435			400	0.44	6.54	0.822	<999	0.68	20.93	-116.7
1440			400	0.44	6.54	0.822	<999	0.68	20.93	-114.9
1445	Collect SVPGW-03-50				4- 40 ml Voa			Vials		

301220

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

Purge Vol: 8 Liters

REV 5/01

LOW FLOW GROUND[illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/~~29~~30/05 WELL #: SVP-3

TIME: 1330 Start pump DEPTH OF PUMP: 70 DTW 36.80'

WEATHER CONDITIONS: 80's humid hot SAMPLERS: THB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sat pt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1335			400	0.48	6.31	0.919	<999	0.96	21.96	-111.9
1340			400	0.48	6.47	0.896	<999	0.09	21.98	-108.1
1345			400	0.46	6.52	0.946	<999	0.06	25.82	-110.0
1350			400	0.46	6.52	0.947	<999	0.06	26.06	-112.1
1355			400	0.46	6.52	0.950	<999	0.06	26.18	-112.15
1356	Collect SVPGW-03-70				4- 40ml VOA					

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

Purge Vol ~~8~~ 10 L/min

REV 5/01

301221

LOW FLOW GRC[illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/30/05 WELL #: SVP-3

TIME: 1235 start pump DEPTH OF PUMP: 90 DTW 36.80'

WEATHER CONDITIONS: 80's humid SAMPLERS: STMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
				Sal ppt						
1240			450	0.47	6.49	0.862	<999	0.26	19.48	-106.7
1245			450	0.47	6.51	0.865	<999	0.23	19.90	-118.5
1250			450	0.47	6.52	0.866	<999	0.21	19.86	-121.7
1255			450	0.48	6.54	0.867	<999	0.21	19.74	-126.6
1300			450	0.48	6.55	0.868	<999	0.20	19.69	-131.3
1305			450	0.48	6.57	0.868	<999	0.19	19.82	-134.4
1310			450	0.48	6.56	0.868	<999	0.19	19.79	-137.4
1315			450	0.48	6.54	0.868	<999	0.19	19.82	-138.0
1316	Collect SVPGW-03-90 4-40ml VOA with HCL									

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

Purge Vol ~~=~~ 18L

REV 5/01

301222

LOW FLOW GROUND ...TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/30/05 WELL #: SVP-3

TIME: 1153 start pump DEPTH OF PUMP: 110' DTW 36.80'

WEATHER CONDITIONS: 80s Overcast humid SAMPLERS: MMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	~~FLOW RATE~~ ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1156			400	0.46	6.08	0.834	330	1.37	20.71	-42.4
1159	2.4		400	0.48	6.29	0.870	410	0.30	20.76	-96.1
1203			400	0.48	6.50	0.861	400	0.43	20.70	-131.1
1206			400	0.47	6.50	0.854	495	0.32	19.50	-132.7
1209			400	0.46	6.49	0.850	<999	0.24	19.66	-126.8
1212			400	0.46	6.41	0.844	<999	0.20	19.54	-122.3
1215			400	0.47	6.40	0.841	929	0.20	19.57	-120.3
1218			400	0.47	6.40	0.841	920	0.14	19.62	-118.7
1221			400	0.47	6.40	0.841	930	0.15	19.61	-116.8
1224			400	0.47	6.40	0.841	887	0.14	19.67	-116.3
1225	Collect SVPGW-03-110'				4- 40ml VOA vials with HCl					

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

Purge Vol 19L

REV 5/0

301223

LOW FLOW GRO[illegible]ER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/30/05 WELL #: SVP-3

TIME: 1020 start DEPTH OF PUMP: 130 DTW=36.80

WEATHER CONDITIONS: 80s overcast humid SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1030			500	0.43	6.21	0.790	944	0.85	19.55	-115.0
1035			500	0.46	6.22	0.835	<999	0.12	19.57	-114.7
1040			500	0.46	6.21	0.835	<999	0.13	19.62	-113.4
1045			500	0.46	6.20	0.834	<999	0.12	19.84	-112.3
1050			500	0.46	6.19	0.834	<999	0.12	19.57	-110.9
1055			500	0.45	6.14	0.824	<999	0.13	19.51	-105.4
1100			500	0.45	6.10	0.822	<999	0.13	19.69	-98.7
1105			500	0.45	6.10	0.820	<999	0.13	19.68	-97.3
1110			500	0.45	6.10	0.819	950	0.13	19.71	-94.0
1115			500	0.45	6.10	0.818	947	0.13	19.68	-93.6
1120			500	0.45	6.10	0.819	953	0.13	19.69	-93.6
1123	Collect SVPGW-03-130 (4-40ml Voa vials w/HCl) & duplicate ~~sample time 0000~~ 1200								SVPGW-03-130	

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

Purge Vol 2.5L

REV 5/01

301224

LOW FLOW GROUND. /ER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/30/05 WELL #: SVP-3

TIME: 0830 Start pump DEPTH OF PUMP: 150 DTW 36.80'

WEATHER CONDITIONS: low 80's Overcast Humid SAMPLERS: TLB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0845			500	0.42	6.60	0.760	<999	0.11	19.67	-154.2
0900			500	0.42	6.58	0.756	<999	0.11	19.59	-151.6
0905			500	0.41	6.57	0.754	<999	0.13	19.51	-149.4
0910			500	0.40	6.40	0.731	587	0.17	19.56	-130.6
0915			500	0.40	6.29	0.719	942	0.17	19.41	-119.5
0920			500	0.39	6.21	0.712	936	0.16	19.34	-110.6
0925			500	0.39	6.13	0.710	942	0.16	19.48	-101.6
0930			500	0.39	6.12	0.710	994	0.16	19.53	-101.2
0940			500	0.39	6.09	0.709	992	0.15	19.50	-98.0
0945			500	0.39	6.07	0.709	959	0.15	19.52	-95.7
0950			500	0.39	6.06	0.709	959	0.15	19.35	-95.2
0953	Collected SVPGW-03-150				LAB/MSD		12-40mL	VOA W/HCl		

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

Purge Vol 3.05L

REV 5/0

301225

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/29/05 WELL #: SVP-3

TIME: 1415 Start pump DEPTH OF PUMP: 170 DTW 36.80

WEATHER CONDITIONS: 80s sunny SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) ~~0.1 ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1425	3.5		350	0.42	6.30	0.779	<999	0.88	20.11	-93.5
1428			350	0.41	6.41	0.759	865	0.31	20.10	-123.0
1431			350	0.41	6.41	0.747	800	0.27	20.10	-123.6
1434			350	0.40	6.41	0.739	800	0.25	20.07	-123.4
1437			350	0.40	6.40	0.739	807	0.23	20.14	-123.4
1440			350	0.40	6.40	0.739	806	0.23	20.14	-123.4
1442	Sample		SVPGW-03		170		4 40ml VOA Vials			

301226

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

Purge Vol. 12.25 Liters

REV 5/0

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/26/05 WELL #: SVP-3

TIME: 1327 Start pump- DEPTH OF PUMP: 190 DTW 3680

WEATHER CONDITIONS: 80's Sunny humid SAMPLERS: MMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Set plot	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1337	~~4~~ ~~4.8~~ 8/26/05		400	0.42	6.25	0.812	<999	0.71	21.91	-71.
1340			400	0.40	6.43	0.823	<999	0.21	21.46	-124
1343			400	0.40	6.43	0.800	<999	0.21	21.18	-126
1346			400	0.38	6.39	0.721	<999	0.14	21.19	-131
1349			400	0.38	6.40	0.722	<999	0.13	21.14	-134
1352			400	0.38	6.41	0.758	<999	0.13	21.02	-135
1355			400	0.38	6.41	0.634	<999	0.12	20.68	-126
1358			400	0.33	6.34	0.630	<999	0.12	20.98	-120
1402			400	0.33	6.30	0.628	<999	0.12	20.98	-118
1405			400	0.33	6.33	0.628	<999	0.12	20.25	-113
1406	Collect SVPGW-03-190					4-40ml VOA VIALS				

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

Purge Vol 4.1L

REV

301227

LOW FLOW GR[illegible]DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/29/05 WELL #: SVP-3

TIME: 1220 start DEPTH OF PUMP: 210 DTW 368

WEATHER CONDITIONS: 80's sunny humid SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Sd ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1230			400	0.42	6.59	0.782	<999	0.19	20.80	-163.3
1240			400	0.42	6.58	0.781	<999	0.17	20.90	-162.5
1245			400	0.42	6.54	0.784	<999	0.12	20.17	-160.5
1250			400	0.41	6.57	0.784	<999	0.10	20.21	-164.2
1255			400	0.41	6.58	0.776	<999	0.09	21.23	164.3
1300			400	0.41	6.58	0.774	<999	0.10	21.05	-165.0
1305			400	0.41	6.58	0.773	<999	0.10	21.09	-165.[illegible]
1308	Collect SVPGW-03-210 4-40ml VOA vials with HCl									

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

Purge Vol 4.6L

REV 5/01

301228

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/29/05 WELL #: SVP-8

TIME: ~~80~~ 1116 DEPTH OF PUMP: 230 DTW 36.80'

WEATHER CONDITIONS: 80's sunny Humid SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1126			400	0.40	6.41	0.759	860	0.37	21.17	-118.9
1136			400	0.40	6.59	0.763	<999	0.22	21.27	-158.
1140			400	0.40	6.70	0.767	<999	0.21	21.46	-168.
1145			400	0.40	6.71	0.766	<999	0.12	21.53	-187.
1150			400	0.40	6.71	0.766	<999	0.12	21.55	-187.
1155			400	0.40	6.71	0.762	<999	0.12	21.62	-186.
1200			400	0.40	6.71	0.762	<999	0.11	21.53	-188.
1205			400	0.40	6.71	0.762	<999	0.11	21.55	-188.
1206	Sample Collected SVPGW-03-230							4-40ml VOA		

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

Purge Vol = 5.2 L

REV

301229

LOW FLOW GR[illegible]IDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/29/05 WELL #: SVP-3

TIME: Start Pump @ 1010 DEPTH OF PUMP: 250' DTW 368'

WEATHER CONDITIONS: 80 sunny humid SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1020	4.50	368' TMB 8/29/05	450	0.38	6.63	0.710	963	1.63	20.44	-127.4
1025	6.75		450	0.37	6.71	0.688	963	0.19	20.72	-134.3
1030	6.73		450	0.37	6.73	0.689	<999	0.18	20.74	-137.0
1035			450	0.37	6.79	0.692	<999	0.17	20.77	-138.7
1040			450	0.37	6.83	0.692	<999	0.16	20.70	-145.2
1045			450	0.37	6.83	0.693	<999	0.17	20.84	-148.6
1050			450	0.37	6.89	0.697	<999	0.19	20.83	-146.4
1055			450	0.37	6.[illegible]	0.697	<999	0.19	20.86	-138.5
1058	Collect SVPGW-03-250'					4-40ml VOAs with HCl				

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

Purge Vol = 5.7L

REV 5/01

301230

LOW FLOW GR(.DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: ~~8/29/05~~ MB 8/29/05 WELL #: SVP-3

TIME: 0845 Start pump DEPTH OF PUMP: 270 DTW 36.80

WEATHER CONDITIONS: 80° sunny humid SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L gal MB 2nd	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
0855	4.0		400	0.37	6.94	0.678	660	0.58	20.10	-187
0905	8.0		400	0.37	6.52	0.678	600	0.47	20.15	-191
0915	12		400	0.37	6.55	0.679	615	0.43	20.27	-194
0920			400	0.37	6.77	0.683	621	0.25	20.50	-218
0925			400	0.36	6.95	0.676	653	0.20	20.22	-237
0930			400	0.36	7.06	0.697	696	0.25	20.22	-250
0935			400	0.36	7.14	0.677	696	0.23	20.39	-251
0940			400	0.36	7.14	0.676	690	0.23	20.21	-251
0945			400	0.36	7.14	0.675	690	0.23	20.06	-251
0950	Collect SVPGW-03-270'					4-40ml VOA VIALS				

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

Purge Vol = 6.2L

REV

301231

LOW FLOW GR[illegible]OWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/26/05 WELL #: SVP-3

TIME: 1400 start pump DEPTH OF PUMP: 290 DTW 36.80

WEATHER CONDITIONS: 80's sunny/humid SAMPLERS: TB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET ~~(+/- 0.3 FT)~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1410										
~~1405~~	3-5		350	0.36	6.44	0.668	<999	2.24	21.72	-71.9
1415	5.25		350	0.33	6.38	0.620	963	0.74	20.92	-91.5
1420	7.0		350	0.32	6.61	0.599	<999	0.25	20.47	-131.3
1423			350	0.32	6.67	0.599	<999	0.18	20.40	-143.7
1426			350	0.32	6.69	0.597	<999	0.15	20.37	-150.7
1429			350	0.32	6.71	0.595	892	0.13	20.37	-155.3
1432			350	0.32	6.71	0.595	~~892~~	0.13	20.40	-157.0
1435			350	0.32	6.71	0.595	895	0.13	20.40	-156.0
1437	Collect SVPGW-03-290					4-40ml VOA VIALS				

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

Purge Vol 6.8L

REV 5/0

301232

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/26/05 WELL #: SVP-3

TIME: 1300 DEPTH OF PUMP: 310 DTW 36.80

WEATHER CONDITIONS: 80' sunny humid SAMPLERS: TB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 m
1310	3.5 8/26/05		350	0.31	6.44	0.622	710	2.43	21.60	-93
1320	7.0		350	0.32	6.74	0.625	807	0.20	22.04	-147
1325			350	0.32	6.75	0.624	807	0.18	22.04	-150
1326			350	0.31	6.79	0.621	920	0.14	22.05	-160
1329			350	0.29	6.84	0.616	887	0.12	21.68	-166
1332			350	0.29	6.85	0.614	884	0.12	21.50	-167
1335			350	0.29	6.85	0.610	882	0.11	21.49	-169
1338			350	0.29	6.86	0.610	882	0.11	21.62	-170
1340	Collect SVP GW-03-310						4-40ml	VOA	Vials with	

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

Purge Vol 7.3L

REV

301233

LOW FLOW GR[illegible]DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/26/05 WELL #: SVP-3

TIME: 1119 start pur DEPTH OF PUMP: 330 DTW 36.80

WEATHER CONDITIONS: 80' sunny humid SAMPLERS: TB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L 8/26/05	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min set 400	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1129	4.0		400	0.35	6.54	0.649	<999	0.81	20.60	-103.3
1139	8.0		400	0.33	6.69	0.614	<999	0.36	20.72	-127.2
1145			400	0.31	6.80	0.589	<999	0.16	20.46	-147.8
1150			400	0.31	6.82	0.588	<999	0.14	20.39	-147.8
1155			400	0.29	6.85	0.538	<999	0.13	20.51	-156.6
1200			400	0.26	6.74	0.481	<999	0.20	20.64	-145.6
1205			400	0.24	6.66	0.453	<999	0.22	20.47	-121.0
1210			400	0.23	6.61	0.439	<999	0.26	20.46	-112.0
1215			400	0.23	6.61	0.439	<999	0.26	20.44	-111.4
1220			400	0.23	6.60	0.438	<999	0.26	20.43	-109.3
1225			400	023	6.60	0.438	<999	0.26	20.39	-108.7
1230	Collect	SVPGW-03-330			4-40ml VOA	With HCl				

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

Purge Vol 7.9L

REV 5/0

301234

LOW FLOW GR..NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/26/05 WELL #: SVP-3

TIME: 0945 start DEPTH OF PUMP: 350' DTW 367.80

WEATHER CONDITIONS: 84° sunny cool SAMPLERS: TB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET ~~(+/- 0.3 FT)~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
0955	4.8		450	0.35	6.60	0.651	<999	0.90	20.06	-105.8
1005	9.08/2005		450	0.35	6.84	0.641	895	0.19	20.06	-151.3
1010			450	0.34	6.90	0.630	893	0.14	20.26	-160.6
1015			450	0.29	6.84	0.530	634	0.17	20.17	-150.
1020			450	0.24	6.60	0.436	<999	0.40	20.30	-111.6
1025			450	0.22	6.55	0.419	<999	0.40	20.23	-91.5
1030			450	0.22	6.53	0.414	<999	0.51	20.20	-87.
1035			450	0.22	6.51	0.407	<999	0.56	20.17	-84.
1040			450	0.22	6.43	0.371	727	0.84	20.18	-65.
1045			450	0.19	6.42	0.370	724	0.88	20.09	-63.8
1050			450	0.19	6.42	0.370	728	0.87	20.01	-62.
1052	Sample SVPGW-03-350 4 VOA VIALS with HCL									

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

Purge Vol 8.45L

REV

301235

LOW FLOW GP[illegible]IDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/26/05 WELL #: SVP-3

TIME: 0745 Start pump DEPTH OF PUMP: 370' DTW 36.80'

WEATHER CONDITIONS: 83 sunny cool SAMPLERS: TB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ ~~(+/- 0.3 FT)~~ (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0800	7.5 8/26/05		500	0.35	6.68	0.625	<999	1.12	19.06	-126.0
0815	15.0		500	0.29	6.61	0.530	<999	0.45	19.19	-110.8
0818			500	0.29	6.60	0.521	<999	0.45	19.21	-108.8
0821			500	0.25	6.49	0.459	<999	0.53	19.31	-88.8
0824			500	0.24	6.48	0.458	539	0.54	19.28	-86.4
0827			500	0.24	6.46	0.430	889	0.58	19.29	-81.8
0830			500	0.23	6.43	0.415	849	0.65	19.32	-75.0
0833			500	0.23	6.41	0.414	837	0.66	19.32	-72.0
0836			500	0.23	6.29	0.354	837	1.00	19.43	-50.6
0839			500	0.23	6.26	0.341	845	0.96	19.58	-43.7
0842			500	0.23	6.25	0.341	847	0.98	19.57	-42.5
0845			500	0.23	6.25	0.340	847	0.98	19.56	-41.8
0848	Sample Collected SVPGW-03-370' 4-40ml VOA VIALS w/HCl									

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

Purge Vol 8.9L

REV 5/0

301236

LOW FLOW GR(.DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/25/05 WELL #: SVP-3

TIME: 1420 Start pump DEPTH OF PUMP: 390' DTW 3680'

WEATHER CONDITIONS: ~80's Sunny warm SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1430	4 4 L		400	0.36	6.30	0.679	638	1.25	21.32	-84.8
1440	8 8/25/05		400	0.32	6.32	0.616	<999	0.69	21.12	-99.2
1445			400	0.23	6.14	0.443	<999	0.59	20.88	-61.3
1450			400	0.20	5.96	0.403	<999	0.53	20.91	-38.1
1455			400	0.20	5.90	0.379	<999	0.49	20.80	-21.2
1500			400	0.20	5.90	0.379	<999	0.48	20.85	-18.9
1505			400	0.20	5.90	0.379	<999	0.48	20.86	-17.3
1507	Sample Collected SVPGW-03-390'									
	4-40ml VOA VIALS									

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

Purge Vol 9.5L

REV 5

301237

LOW FLOW GR[illegible]DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/25/05 WELL #: SVP-03

TIME: 1225 start pump DEPTH OF PUMP: 410 DTW 360.20

WEATHER CONDITIONS: 80s sunny cool SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1235	4		400	0.33	6.18	0.658	386	4.52	21.62	-45.1
1245	8 08/25/05		400	0.31	6.49	0.609	>999	0.90	21.65	-93.9
1255			400	0.28	6.58	0.556	>999	0.31	21.77	-116.3
1305			400	0.28	6.55	0.542	>999	0.37	21.67	-114.1
1310			400	0.28	6.49	0.514	>999	~~>999~~ 0.56 08/25/05	21.68	-103.4
1315			400	0.28	6.41	0.476	>999	0.38	21.46	-95.5
1320			400	0.23	6.37	0.469	>999	0.40	21.52	-90.9
1325			400	0.23	6.41	0.459	>999	0.39	21.36	-85.1
1330			400	0.24	6.29	0.450	>999	0.43	21.29	-79.0
1335			400	0.24	6.29	0.450	>999	0.45	21.25	-76.1
1340			400	0.23	6.28	0.450	>999	0.45	21.11	-75.1
1345			400	0.23	6.28	0.450	>999	0.45	21.10	-74.4

1346 SAMPLE SVPGW-03-410 collected 4-40ml VOA

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

Purge Vol 10.07L

REV 5/01

301238

LOW FLOW GR[illegible]DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

Pg 1 of 2

DATE: 8/25/05 WELL #: SVP-3

TIME: 1026 (originally start @ 0945) DEPTH OF PUMP: 430 DTW 36.80'

WEATHER CONDITIONS: 80 sunny warm SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1036	40		400	0.31	7.14	0.708	476	0.90	20.59	-147
1046			400	0.31	9.66	0.584	<999	0.18	20.59	-212
1056	12		400	0.31	9.67	0.581	<999	0.06	20.60	-219
1106			400	0.31	9.62	0.577	764	0.0	20.63	-226
1115	switch YSI meters due to high pH see logbook for details Logbook #1)									
1120			400	0.28	6.55	0.534	718	0.79	20.90	-12
1123			400	0.28	6.57	0.532	718	0.61	20.90	-128.5
1126			400	0.28	6.58	0.531	720	0.37	20.96	-130
1129			400	0.28	6.60	0.528	718	0.34	20.96	-131
1132			400	0.28	6.62	0.528	720	0.31	20.96	-132
1135			400	0.28	6.62	0.528	718	0.31	20.97	-132

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

Purge Vol = 10.6L

REV 5

301239

LOW FLOW GP IDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

Pg 2 of 2

DATE: 8/25/05 WELL #: SVP-3

TIME: 1026 (originally stet @ 915 DEPTH OF PUMP: 430 DTW 36.88

WEATHER CONDITIONS: 70's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1132	1		400	0.28	6.62	0.528	718	0.31	20.99	-132.3
1141			400	0.28	6.63	0.528	718	0.31	20.98	-131.9
1144			400	0.28	6.62	0.528	718	0.31	20.97	-132.0
1148	Collect SVPGW-03-430 MS/MSD									
	12-40ml VOA VIALS WITH HCL									

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

301240

REV 5/01

Purge Vol = 10.6L

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/24/05 WELL #: SVP-03

TIME: 0956 Start pump DEPTH OF PUMP: 450' DTW 36.80'

WEATHER CONDITIONS: 80's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) ~~PPT~~ Salinity	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0956 - 1020	Pump		not	flowing	check	pump				
1020	Restart	pump		pump	not	flowing				
1050	Restart	pump								
1105			50	0.27	6.24	0.553	250	7.82	25.06	-120.8
1120			50	0.28	6.10	0.588	250	7.04	25.70	-117.0
1156	2.5		50	0.36	5.80	0.772	217	4.81	26.43	-109.7
1211	3.2		50	0.38	5.77	0.806	215	4.36	26.86	-110.0
1226		8/24/05	50	0.38	5.65	0.821	185	4.11	27.42	-109.1
1250	5.16		50	0.38	5.44	0.823	132	3.75	27.88	-109.9
1333	7.3		50	0.36	5.44	0.782	156	3.87	28.05	-105.7
1433	10.3		50	0.28	6.27	0.591	145	2.85	26.60	-116.1
1503	11.8		50	0.23	6.51	0.475	115	2.89	24.17	-118.1

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

Purge Vol = 11.15 L

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/24/05 WELL #: SVP-03

TIME: 0956 DEPTH OF PUMP: 450' DTW 36.80

WEATHER CONDITIONS: 80's sunny, cool SAMPLERS: TB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Salinity (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1508			50	0.23	6.59	0.473	~~0.473~~ 139 TB 8/24/05	2.62	25.09	-124.7
1511			50	0.23	6.59	0.472	139	2.60	25.35	-125.4
1514			50	0.23	6.55	0.472	139	2.60	25.50	-125.5
1517			50	0.23	6.55	0.472	137	2.60	25.94	-127.1
1525	Collect SVPGW-03-450 4-40ml VOA VIALS with HCl									

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

Purge Vol: 11.15 L

REV 5/01

301242

SVP-04

301243

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/8/05 WELL #: SVP-4

TIME: 1540 DEPTH OF PUMP: 49' DTW 36.80

WEATHER CONDITIONS: 70's Rainy Cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1600			120 ml/min		6.55	0.325	830	0.82	17.39	4.5
1605					6.54	0.325	825	0.99	17.32	20.9
1610					6.54	0.325	700	0.99	17.31	23.7
1615					6.53	0.325	699	0.99	17.30	21.2
1620					6.53	0.325	699	1.14	17.30	25.2
1625					6.53	0.325	699	1.12	17.24	30.5
1630					6.53	0.325	699	1.13	17.24	29.6
1635	Sample Collected									
	4-40ml VOA VIALS				SVP-04-49'					
	SVP-04-49'									

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

Purge Vol = 4.2 Liters

REV 5/01

301244

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/8/05 **WELL #:** SVP-4

TIME: 1430 **DEPTH OF PUMP:** 69' DTW 36.80'

WEATHER CONDITIONS: 70's rainy cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1435			120		6.59	0.324	7999	1.38	17.42	-329
1440					6.56	0.393	7999	0.77	17.46	-310
1445					6.56	0.335	7999	0.75	17.54	-296
1450					6.56	0.335	7999	0.75	17.56	-289
1455					6.56	0.335	7999	0.73	17.59	-281
1500					6.56	0.335	7999	0.73	17.59	-281
1505	Sample collected									
	4-40ml VOA VIALS				SVP-04-69'					

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

Purge Vol = 1L

REV 5/

301245

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/8/05 WELL #: SVP-4

TIME: 1305 DEPTH OF PUMP: 89' DTW 36.80'

WEATHER CONDITIONS: 70's rainy cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
6 1315			120		6.53	0.360	1091	0.77	18.04	-502.3
1320			120		7.26	0.356	7999	0.00	18.04	-537.6
1340			120		7.26	0.362	7999	0.00	18.07	-540
1345			120		6.81	0.357	7999	0.17	18.08	-475
1350			120		6.81	0.357	7999	0.14	18.07	-470
1355			120		6.81	0.357	7999	0.13	1807	-472
1400			120		6.83	0.357	620	0.11	1805	-472
1405			120		6.83	0.357	593	0.11	1805	-472.0
1420			120		6.83	0.357	593	0.11	1805	-473
1415		Sample Collection SVP-04-89'								

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

Purge Vol 1.4L

REV 5/01

301246

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/8/05 WELL #: ~~SVP-04~~ SVP-4

TIME: Start 1145 DEPTH OF PUMP: 109' DTW 36.80'

WEATHER CONDITIONS: 70's ~~Sunny~~ Cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1200			120		6.79	0.366	92.7	0.28	17.75	-469
1205			120		6.78	0.368	92	0.24	17.70	-463
1210					6.77	0.367	94.4	0.23	17.74	-454
1215					6.77	0.368	94	0.24	17.72	-449
1220					6.76	.367	94	0.24	[illegible]	-44
~~1225~~ 1225 ~~1230~~ TMB					6.76	0.367	94	0.24	17.72	-446
	~2L									
1230	SAMPLE Collected									
		SVP-04-109'			4-40mL VOA VIALS					

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

Purge Vol 2L

REV 5/

301247

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/8/05 WELL #: SUP-04

TIME: 900 DEPTH OF PUMP: ~~[illegible]~~ Screen 129.5'

WEATHER CONDITIONS: 70's raing, cool SAMPLERS: TMB DIW 3680

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE 120ml/m	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0910			120		6.94	0.344	182	~~14.75~~	16.28	-46.25
0915			↓		6.96	0.329	180	0.11	16.21	-465
0925					6.96	0.327	220	0.12	16.24	-460
0930					6.92	0.326	220	0.26	16.25	-[illegible]
Pump		Stops	flowing		switch		to Micropurge			pump
1030	Start	pump			~~6.67~~		108			[illegible]
1045			120		6.67	0.322	108	2.11	16.25	-317
1050			↓		6.71	0.323	108	2.00	16.24	-307
1055					6.71	0.323	107	2.60	16.25	-311
1100			↓		6.78	0.328	107	2.0	16.25	-311
1105	Sample collected									

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

Purge Vol: 4.8 Liters

REV 5/01

301248

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/25/05 WELL #: SVP-4

TIME: 1327 Start Pump DEPTH OF PUMP: 149 DTW 36.80

WEATHER CONDITIONS: 80's sunny warm SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTEN mV (+/- 10
1337	~~1~~ L		400		8.62	0.539	<999	0.97	18.93 ~~0.539~~	-66
1340			400		8.95	0.541	<999	0.70	~~18.92~~	-75
1343			400		9.04	0.544	<999	0.61	19.09	-99
1347			400		9.07	0.547	<999	0.59	19.07	-88
1350			400		9.09	0.549	<999	0.50	19.06	-9
1355	Sample Collected SVP GW-04-149									
	4-VOA vials with HCl									

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

Purge Vol ÷ 3L

RI

301249

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/25/05 WELL #: SVP-4

TIME: 1227 Start pump DEPTH OF PUMP: 169' DTW 36.80'

WEATHER CONDITIONS: 80's Sunny Gravel SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1237	~~4~~ L TMP	—	400	—	9.79	0.544	634	0.68	18.97	-95.0
1247		—	400	—	9.94	0.550	634	0.59	18.86	-103.[illegible]
1250		—	400	—	10.28	0.560	597	0.43	18.86	-114.7
1253		—	400	—	10.46	0.563	597	0.37	18.95	-121.4
1257		—	400	—	10.52	0.566	750	0.35	18.99	-124.[illegible]
1300		—	400	—	10.56	0.567	731	0.32	19.11	-129.7
1303		—	400	—	10.59	0.568	729	0.30	19.94	-127.[illegible]
1306		—	400	—	10.59	0.567	700	0.30	20.13	-126.7
1310	Sample Collected SVPGW-04-169' 4 VOA with HCL									

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

Purge Vol 3.5L

REV 5/

301250

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/25/05 WELL #: SVP-4

TIME: 1050 start pump DEPTH OF PUMP: 189' DTW 36.80

WEATHER CONDITIONS: 80s sunny overcast SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1105	6L 7/25/05		400		9.88	0.534	1019	0.80	18.08	-82.2
1120			400		10.98	0.582	688	0.28	19.74	-129.2
1125			400		10.91	0.591	722	0.27	20.63	-135.7
1130			400		10.82	0.595	760	0.27	21.01	-141.1
1135			400		10.75	0.599	742	0.26	21.32	-140.3
1140			400		10.78	0.600	702	0.26	21.54	-142.0
1145	~~10~~ 4L TMB 7/25/05		400		10.73	0.603	778	0.27	21.97	-142
1150	Collect Sample SVPGW-04-189' 4VOA vom									

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

Purge Vol 4.1L

REV 5/

301251

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/25/05 WELL #: SVP-4

TIME: 0933 Start pump DEPTH OF PUMP: 209' DTW 36.80

WEATHER CONDITIONS: SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ~~gal/m~~	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0947	5.6 MB Heater		400		11.12	0.564	<999	0.25	17.87	-131.3
1000			400		11.60	0.583	<999	0.20	18.78	-147.1
1010			400		11.75	0.595	<999	0.19	19.76	-158.8
1015			400		11.79	0.597	679	0.18	19.99	-156.0
1018			400		11.54	0.601	638	0.19	20.30	-150.0
1021			400		11.65	0.601	457	0.19	20.25	-154.4
1024			400		11.53	0.599	435	0.20	20.28	-149.0
1027			400		11.52	0.599	430	0.20	20.29	-149.1
1030			400		11.50	0.598	434	0.20	20.34	-146.8
1035	Collect samples SVPGW-04-209							4 VOA	with	HCL

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

Purge Vol: 18 Liters

REV 5/01

301252

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/25/05 WELL #: SVP-4

TIME: 0821 Start pump DEPTH OF PUMP: 229 DTW 36.80'

WEATHER CONDITIONS: 80's overcast cool SAMPLERS: YMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTEN mV (+/- 10
0836	~~6~~ 5 YMB 7/25/05		400		7.21	0.561	460	0.51	17.48	-73
0846			400		9.80	0.578	488	0.29	18.14	-12
0856			400		10.37	0.591	529	0.25	19.41	-138
0900	~~15~~ 10 YMB 7/25/05		400		10.56	0.594	558	0.25	19.51	-136
0903			400		10.67	0.595	614	0.24	19.61	-13
0906			400		10.61	0.594	647	0.24	19.61	-13
0909			400		10.63	0.595	650	0.24	19.76	-13
0910	Samples	Collected			SVPGW-04-229				4 VOA	n/H

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

Purge Vol 5L

RI

301253

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/22/05 WELL #: SVP-4

TIME: 1250 DEPTH OF PUMP: 249 DTW 368'

WEATHER CONDITIONS: 90's sunny hot SAMPLERS: TH/R

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1305	2.25L	~~H2O~~ 7/22/05	150		7.94	0.531	<999	0.74	20.67	-96.1
1325	4.5L		150		9.77	0.502	<999	0.19	19.90	-129.0
1345	7.5		150		9.65	0.510	<999	0.16	19.96	-129.3
1348			150		9.68	0.561	<999	0.16	19.99	-129.5
1351			150		9.66	0.562	<999	0.17	20.32	-129.1
1354			150		9.66	0.560	<999	0.17	22.00	-129.1
1357			150		9.62	0.560	<999	0.16	21.50	-129.8
1400	Samples Collected SVP@ 249									
	5 VOAs									

301254

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

Purge Vol: 5.7 L

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/22/05 WELL #: SVP-4

TIME: 1132 Start Pump DEPTH OF PUMP: 269' DTW 36.80'

WEATHER CONDITIONS: 90's Sunny Hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1147	2.25L TMB 7/22/05		150		8.30	0.490	<999	0.48	21.05	-100.7
1202	4.5L		150		8.30	0.499	<999	0.25	21.10	-104.5
1217	6.75L		150		9.83	0.512	<999	0.21	20.83	-149.9
1220			15		9.89	0.512	<999	0.21	21.16	-153.[illegible]
1223			150		9.82	0.521	<999	0.21	21.73	-153.[illegible]
1226			150		9.82	0.521	<999	0.20	21.76	-153.[illegible]
1229			150		9.82	0.521	<999	0.21	21.79	-153.[illegible]
1235	Sample Collected SVPGW-04-269 5-~~[illegible]~~ VOCs									

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

Purge Vol 6.3L

REV 5/

301255

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/22/05 WELL #: SVP-4

TIME: 0956 Start pump DEPTH OF PUMP: 289' DTW 36.80

WEATHER CONDITIONS: 90's sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1015	2.8L	TMB 7/22/05	150		10.17	0.513	<999	0.76	22.35	-155.3
1030	5.05L		150		10.23	0.518	<999	0.28	22.23	-160.8
1045			150		10.13	0.534	475	0.22	22.59	-169.3
1048			150		10.13	0.534	470	0.22	23.70	-169.7
1051			150		10.13	0.535	470	0.22	23.77	-170.3
1054			150		10.15	0.537	468	0.21	23.77	-174.0
1057			150		10.15	0.537	460	0.20	23.90	-174.3
1100	Sample Collected SVPGW-04-289' 5 VOA VIALS									

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

Purge Vol = 6.8L

REV 5/01

301256

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/22/05 WELL #: SVP-41

TIME: 0800 DEPTH OF PUMP: 309' DTW 36.80'

WEATHER CONDITIONS: 90's sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10
0815	2.25L		150		9.44	0.519	<999	0.30	23.07	~~0.3~~ -149
0830			150		9.69	0.517	<999	0.45	22.72	-127
0845			150		9.17	0.517	<999	0.25	22.78	-177
0900	~~9.0L~~ 7/22/05		150		9.11	0.517	<999	0.24	22.65	-176
0905			150		9.30	0.517	<999	0.21	22.37	-178
0908			150		9.60	0.512	<999	0.18	22.09	-185
911			150		9.60	0.512	<999	0.18	22.15	-185
0914			150		9.62	0.512	<999	0.17	22.07	-18
0917			150		9.62	0.512	<999	0.17	22.07	-185
0920	Samples Collected				SVPGW-04-309			5 VOAs		HC

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

Purge Vol: 7.3L

RE

301257

LOW FLOW GR[illegible]IDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/21/05 WELL #: SVP-4

TIME: 1525 Start pump DEPTH OF PUMP: 329' DTW 36.88

WEATHER CONDITIONS: 90's sunny Hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1540	~~3.75L~~	~~36.71~~ TMB 7/21/05	250		6.49	0.510	<999	0.67	19.89	-93.0
1555			250		8.29	0.490	689	0.21	19.14	-149.0
1600	~~7.5L~~ TMB 7/21/05		250		8.98	0.491	685	0.17	19.48	-174.0
1615			250		~~9.68~~ 9.88 TMB 7/21/05	0.506	299	0.15	20.80	-191.7
~~1620~~ 1620	~~6.20~~ TMB 7/21/05		250		9.85	0.506	297	0.15	21.23	-196.5
1625	15L		250		9.89	0.506	297	0.16	21.25	-196.7
1630	Samples Collected SVPGW-04-329 5 VOA Vials									

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

Purge Vol 7.9 L

REV 5/0

301258

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/21/05 WELL #: SVP-4

TIME: 1345 Start pump DEPTH OF PUMP: 349' 36.80'

WEATHER CONDITIONS: 90's hot sunny SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTENT mV (+/- 10
1400	3.7L		250		9.01	0.494	494	0.79	19.45	-164
1415			250		10.17	0.518	713	0.21	22.19	-196
1430	~~1.25~~ 7.4L		250		10.27	0.531	<999	0.14	23.47	-20
1435	Lower Pump Rate to 100 ml/min									
1445			100		10.28	0.530	<999	0.14	23.29	-201
1450			100		10.23	0.531	<999	0.14	23.37	-20
1455			100		10.26	0.531	<999	0.14	23.49	-20
1500			100		10.25	0.531	<999	0.15	23.55	-20
1505			~~100~~	Collect Sample SVPGW-04-349'						
				5 Voa Vials						

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

Purge Vol 8.4L

RE

301259

LOW FLOW GR[illegible]NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/21/05 WELL #: SVP-4

TIME: 1100 DEPTH OF PUMP: 369 DTW 36.80

WEATHER CONDITIONS: 90's Sunny hot SAMPLERS: TH/B

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv)
1120	3.0L		150		8.27	0.537	<999	0.57	22.83	-155.7
1125	|		150		8.91	0.544	516	0.29	23.87	-174.3
1130	|		150		8.92	0.547	485	0.26	24.12	-177.
1135	5.25L		150		9.14	0.565	<999	0.23	26.06	-193.
1205	|		100		9.65	0.594	<999	0.22	29.15	-213.
1210	|		100		10.16	0.584	<999	0.23	27.82	-231.6
1215	|		100		9.80	0.583	<999	0.21	28.15	-221.8
1220	|		100		9.81	0.582	<999	0.19	28.09	-221.
1225	7.25L		100		9.81	0.582	<999	0.18	28.06	-220.
1230	|		100		9.76	0.580	<999	0.20	28.00	-218.3
1235	|		100		9.77	0.574	<999	0.19	27.93	-216.6
1240	|		100		9.64	0.571	<999	0.19	27.71	-209.3
1245	9.25L		100		9.64	0.571	<999	0.19	27.72	-209.3

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

Purge Vol 8.9L

REV 5/

301260

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

pg 2 of 2

DATE: 7/21/05 WELL #: SVP-4

TIME: 1100 DEPTH OF PUMP: 369' TIW 36.80'

WEATHER CONDITIONS: 90's sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDC POTENT mV (+/- 10
1250			100		9.62	0.571	<999	0.19	27.73	-208
1255			100		9.62	0.571	<999	0.19	27.73	-210
1300			100		9.62	0.571	<999	0.19	27.73	-211
1315			100		9.62	0.571	<999	0.19	27.73	-211
1320	Samples		Collected		SVP	GW-04-369	(5	VOAs)		

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

Purge Vol 8.9L

RE

301261

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/21/05 WELL #: SVP-4

TIME: 0755 Start pump DEPTH OF PUMP: 389' DTW 36.80

WEATHER CONDITIONS: 90's Hot sunny SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0825	4.5L		150		9.01	0.563	<999	0.90	26.39	-167.4
0830			150		8.56	0.592	853	0.40	29.08	-159.4
0835			150		8.41	0.602	638	0.41	30.09	-158.6
0845			150		8.24	0.617	638	0.38	31.60	-152.7
0850	7.5L		150		8.22	0.621	785	0.36	31.69	-148.7
0855			150		8.61	0.632	<999	0.30	32.41	-159.7
Sample Gw very turbid										
0925	~~12~~ TMB 7/21/05		150		9.83	0.630	<999	0.29	32.40	-191.1
0930			150		9.87	0.629	<999	0.24	32.68	-196.8
0956			150		9.66	0.636	<999	0.24	34.05	-198.3
1001			100		9.62	0.636	<999	0.24	34.26	-196.1
1006			100		9.62	0.636	<999	0.24	34.29	-196.1

1015 SAMPLE Collected SVPGW-04-389 Dup SVP GW-40-389

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

Purge Vol = 9.5L

Pump rate lowered to 100 ml/min

REV 5/01

301262

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/20/05 WELL #: SVP-4

TIME: 1250 Start Pump DEPTH OF PUMP: 409' DTW 36.80'

WEATHER CONDITIONS: 80s sunny Hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1310	3L		150		8.18	0.581	<999	0.14	24.07	-129
1340	7.5L		150		7.82	0.626	470	0.48	30.10	-145
1415			150		7.75	0.627	233	0.37	29.92	-146
1420			150		7.74	0.627	233	0.36	29.89	-148
1425			150		7.73	0.626	142	0.34	30.05	-145
1430	1 Bypass		150		7.73	0.626	142	0.33	30.05	-145
1435	11L		150		7.73	0.626	115	0.32	30.03	-141
1440	11.25L		150		7.73	0.626	116	0.31	30.10	-140
1445	12L		150		7.72	0.626	116	0.31	30.15	-140
1500	Collect Samples SVP GW-04-409'									

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

Purge Vol ≈ 10L

REV 5/

301263

LOW FLOW GR[redacted]WATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 2/17/05 WELL #: SVP-04 Page 1 of 3

TIME: Start time 804 DEPTH OF PUMP: Sample screen at 422' bgs + 421'

WEATHER CONDITIONS: 80's, clear and sunny SAMPLERS: Tonya Bennett, J. Mahaney, A. Steinhaus

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~DEPTH TO WATER (FT TIC)~~ Salinity	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0833		0.14	500 ml/min		8.91	0.301	Temp 24.28°C	6.54	Turbs 766	-145.0
0841		0.14	"		8.85	0.298	752	6.46	24.31°C	-142.5
0844		0.12	"		8.81	0.299	746	6.62	24.43°C	-142.1
0847	Refilling Flow Through Cell no parameters measured 05/17/05									
0850	"									
0853		0.14	"		8.70	0.296	330	7.47	24.71°C	-140.0
0856		0.13	"		8.76	0.298	294	7.09	25.06°C	-139.3
0859		0.14	"		8.64	0.299	289	6.93	25.25°C	-136.4
0902		0.14	"		8.57	0.301	308	6.99	25.53°C	-134.2
0905		0.14	"		8.55	0.302	365	6.83	25.65°C	-133.3
0908		0.14	"		8.53	0.303	406	6.74	25.75°C	-133.3
0911		0.14	"		8.50	0.307	395	6.56	25.85°C	-133.0

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis. Purge volume: 10.6 Liters

REV 5/01

301264

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 08/17/05 WELL #: SVP-04 Page 2 of

TIME: Start time 0804 DEPTH OF PUMP: Sample screen: 422 bgs to 421' bgs

WEATHER CONDITIONS: 80's, clear & sunny SAMPLERS: J. Mahoney & A. Steinhauff

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~DEPTH TO WATER (FT TIC)~~ Salinity	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
0914		0.14	80 ml/min		8.41	0.310	346	6.75	26.01	-130.9
0917		0.15	"		8.41	0.314	320	6.58	26.04	-127.9
0920		0.15	"		8.29	0.321	293	6.26	26.03	-124.2
0923		0.15	"		8.23	0.324	320	6.05	26.12	-121.9
0926		0.15	"		8.21	0.331	289	5.77	26.14	-120.9
0929 (~~0926~~)	Pump & Refill Flow Through Cell no Parameters recorded 08/17/05									
0932 (08/17/05)	"									
0935	"									
0935		0.11	"		8.43	0.354	202	5.93	25.52	-128.6
0943		0.17	"		8.52	0.366	182	5.02	26.17	-123.0
0958		0.18	"		8.36	0.376	163	4.77	26.23	-121.9
1008		0.18	"		8.15	0.356	155	4.64	26.97	-115.2

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

REV

301265

LOW FLOW GR[illegible] WATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 08/17/05 WELL #: SVP04

TIME: Start time: 0804 DEPTH OF PUMP: Sample screen: 422' bgs to 421' bgs

WEATHER CONDITIONS: 80's, clear & sunny SAMPLERS: J. Mahoney

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~DEPTH TO WATER (FT TIC)~~ Salinity	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1018		0.18	80 ml/min		8.12	0.398	155	4.61	26.95	-113.9
1028	Pump & Refill Flow Through cell no parameters recorded 08/17/05									
1033		0.19	"		8.66	0.421	165	4.70	27.18	-127.5
1048		0.19	"		8.64	0.437	162	5.17	27.96	-126.7
1058		0.20	"		8.72	0.441	176	4.91	27.32	-129.2
1101		0.20	"		8.71	0.442	165	4.94	27.17	-126.3
1104		0.20	"		8.78	0.445	163	4.95	27.20	-128.4
1107		0.20	"		8.74	0.447	168	4.98	27.19	-126.9
1108	Sample SVP04-GW-422 of SVP(GW)-04-422 in (4) 40 ml VOA vials 08/17/05									

J. Mahoney 08/17/05

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

Purge Vol: 10.4 Liters

REV 5/01

301266

SVP-05

301267

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/8/05 WELL #: SVP-5

TIME: 1130 Start Pump DEPTH OF PUMP: 50' DTW 36'

WEATHER CONDITIONS: 80's cloudy, hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1135			300		6.51	0.694	<999	0.59	20.99	-93.3
1140			300		6.52	0.695	<999	0.59	20.83	-97.1
1145			300		6.53	0.696	<999	0.39	20.81	-98.9
1150			300		6.54	0.697	<999	0.39	20.80	-102.8
1155			300		6.54	0.697	<999	0.39	20.58	-99.6
1200			300		6.54	0.697	<999	0.38	20.88	-98.1
1203	Collect SVPGW-05-50'					4-40ml VOA vials				

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

Purge Vol 9 liters

REV 5/01

301268

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/8/05 WELL #: SVP-5

TIME: 1026 Start pump DEPTH OF PUMP: 70' DTW 36'

WEATHER CONDITIONS: 80's sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 m
1031	~~1.5~~ 8/8/05		300		6.37	0.701	<999	2.32	21.31	-57.
1036			300		6.52	0.681	<999	0.45	19.95	-99.
1041			300		6.42	0.922	<999	0.36	19.85	-80.
1044			300		6.36	0.695	<999	0.44	19.90	-68.
1047			300		6.00	0.724	<999	0.77	19.20	-77.
1050			300		6.00	0.724	<999	0.77	19.20	-15.
1053			300		6.00	0.724	<999	0.77	19.80	-16.
1055	Collect SVPGW-05-70 4-40ml VOA VIALS									

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

Purge Vol = 0.9L

REV

301269

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/8/05 WELL #: SVP-5

TIME: 0845 Start pump DEPTH OF PUMP: 90' DTW 36'

WEATHER CONDITIONS: SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0900	4.5 TMB 8/8/05		300		6.14	0.671	<999	1.12	20.02	-56.3
0905			300		6.14	0.672	<999	0.92	20.11	-52.6
0910			300		6.07	0.674	<999	0.88	20.18	-45.2
9.15			300		6.04	0.678	<999	0.89	20.29	-28.9
920			300		6.08	0.681	<999	0.81	20.35	-35.0
925			300		6.07	0.681	<999	0.84	20.42	-32.9
0930			300		6.09	0.681	<999	0.84	20.27	-35.9
0935			300		6.09	0.681	<999	0.84	20.26	-35.3
0935	Collect SVPGW-05-90' (12-40ml VOAs MS/MSD)									

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

Purge Vol 14L

REV 5/01

301270

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/5/05 WELL #: SVP-5

TIME: 1421 / 1436 begin gw purge / begin recording parameters DEPTH OF PUMP: 110' DTW 36'

WEATHER CONDITIONS: 90°S Sunny hot SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1436			250 ~~300~~ 08/05/05		6.35	0.588	>999 Er3	0.81	22.22	-79.
1446			250		6.27	0.576	>999 Er3	0.29	22.14	-83.
1451			250		6.21	0.561	>999 Er3	0.26	21.95	-76.
1456			250		6.10	0.531	Er2	0.22	21.28	-61.1
1501			250		6.01	0.524	1002	0.21	21.00	-51.
1506			250		5.98	0.521	667	0.21	20.87	-50
1511			250		5.94	0.517	572	0.19	20.95	-43
1515	Collect SVPGW-05-110, (4) 40ml VOA vials at 110' bgs.									

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

Purge Vol = 2L

REV

301271

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/5/05 WELL #: SVP-5

TIME: 1300 Start Pump DEPTH OF PUMP: 130 DTW 36'

WEATHER CONDITIONS: 90's Sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1310		—	300	—	6.35	0.722	<999	0.39	24.19	-87.5
1320		—	300	—	6.43	0.716	<999	0.09	24.02	-121.4
1325		—	300	—	6.49	0.707	<999	0.07	23.84	-143.1
1330		—	300	—	6.49	0.693	<999	0.07	23.84	-146.9
1335		—	300	—	6.49	0.672	<999	0.07	23.87	-154.3
1338		—	300	—	6.49	0.672	<999	0.07	23.77	-155.0
1341		—	300	—	6.49	0.672	<999	0.07	23.77	-157.0
1342	Collect SVPGW05-130' 4-40ml VOA Vials									

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

Purge Vol 2.5L

REV 5/0

301272

LOW FLOW GR[illegible]NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 08/05/05 WELL #: SVP-05

TIME: 1140 start pump DEPTH OF PUMP: 150' DTW 36'

WEATHER CONDITIONS: 80's (high) to 90's; hot & humid SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDC POTEN mV (+/- 10
1155			300		6.68	0.719	<999	2.57	22.77	-160.7
1210			300		6.67	0.721	<999	0.19	22.82	-160.
1215			300		6.69	0.721	<999	0.16	22.85	-163
1220			300		6.69	0.720	<999	0.13	22.85	-167
1225			300		6.75	0.720	<999	0.09	22.89	-177
1230			300		6.75	0.720	<999	0.09	23.01	-180
1235			300		6.75	0.720	<999	0.09	23.00	-180
1236	Collect SVPGW-05-150' 4 40ml VOA VIALS.									
	Duplicate SVPGW-50-150' also collected									

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

Purge Vol 3.0L

RE

301273

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/5/05 WELL #: SVP-5

TIME: 1031/1046 start pump/record parameters DEPTH OF PUMP: 170 DTW 36

WEATHER CONDITIONS: 80's Sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mV)
1046			300		6.78	0.634	267	0.70	23.21	-167.7
1051			300		6.89	0.659	320	0.16	21.71	-177.2
1056			300		6.94	0.660	350	0.11	21.85	-162.7
1101			300		6.97	0.660	347	0.08	21.66	-168.4
1106			300		6.99	0.664	375	0.08	21.82	-165.5
1110	Sample SVP-GW-05-170 in (4) 40 ml VOA vials at 170' bgs.									

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

Purge Vol = 13.6L

REV 5/

301274

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/5/05 WELL #: SVP-5

TIME: 0920 Start Pump DEPTH OF PUMP: 190' DTW 36

WEATHER CONDITIONS: 80's Sunny Warm SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10
0930	3.0 8/5/05		300		6.68	0.661	374	0.25	20.95	-114
0940	6.0L		300		6.69	0.660	370	0.26	20.80	-11
0945	7.5L		300		6.75	0.662	400	0.17	21.11	-129
0950			300		6.80	0.673	469	0.11	21.08	-96
0955			300		6.81	0.673	469	0.11	21.04	-96
1000			300		6.81	0.673	469	0.11	20.94	-91
1002	Collect SVPGW-05-190' (4-vom Vom with HCl)									

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

Purge Vol = 5.0L

RE

301275

LOW FLOW G' .IDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/5/05 WELL #: SVP-5

TIME: 0750 Start pump DEPTH OF PUMP: 210' DTW 36

WEATHER CONDITIONS: 80's sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0800	3.0		300		6.14	0.654	401	2.13	20.37	-95.8
0810	6.0		300		6.74	0.706	492	0.17	21.15	-173.0
0820	9.0		300		6.75	0.706	517	0.15	21.19	-174.2
0825	|		300		6.76	0.707	540	0.15	21.12	-176.5
0830	|		300		6.79	0.707	551	0.15	21.05	-179.2
0835	13.5L		300		6.79	0.706	551	0.15	21.20	-180.0
0836	Collect SVPGW-05-210' (4 40ml VOA VIALS with HC									

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

Purge Vol = ~~14 6L~~ 14.6L
TMB 8/5/05

REV 5/0

301276

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/4/05 WELL #: SVP-5

TIME: 1425 begin purge / 1440 begin recording parameters DEPTH OF PUMP: 230' DTW 36

WEATHER CONDITIONS: 80° sunny hot SAMPLERS: YMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1440			300		6.62	0.675	723	0.25	23.14	-121.6
1455			300		6.49	0.648	1085	0.22	22.86	-112.
1500			300		6.47	0.651	E.2	0.22	22.84	-108.
1505			300		6.47	0.656	E.2	0.19	22.65	-112.
1510			300		6.44	0.662	E.2	0.18	22.74	-116.2
1515			300		6.54	0.663	E.2	0.24	22.37	-124.8
1520			300		6.57	0.675	E.3	0.10	22.45	-136.
1525			300		6.59	0.680	E.3	0.08	22.46	-144.
1528			300		6.60	0.678	E.3	0.09	22.02	-147.
1531			300		6.58	0.682	E.3	0.07	22.19	-147.
1532	Collect sample SVP60-230 in (4) 40ml VOA vials									

301277

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

Purge Vol 5.23L

REV

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 7/4/05 **WELL #:** SVP-5

TIME: 1300 started pump **DEPTH OF PUMP:** 250' DTW 36'

WEATHER CONDITIONS: 90's sunny hot **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1315	4.5		300		6.70	0.665	448	0.30	22.99	-126.6
1330			300		6.63	0.687	433	0.13	22.58	-122.3
1340			300		6.68	0.655	552	0.11	22.64	-130.4
1345			300		6.68	0.642	693	0.26	22.62	-130.8
1350			300		6.68	0.644	649	0.15	22.62	-123.1
1355			300		6.68	0.644	649	0.15	22.70	-123.1
1400	Collect sample SVPGW-05S-250' 4-40ml VOA VIALS									

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

Purge Vol 5.7L

REV 5/01

301278

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/3/05 WELL #: SVP-5

TIME: 1140 Start pump DEPTH OF PUMP: 270' DTW=36'

WEATHER CONDITIONS: 80's. Sunny, hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTENT mV (+/- 10
1155	4.5L		300		6.49	0.642	<999	354	23.12	-42
1200			300		6.55	0.668	532	042	22.87	-107
1210			300		6.57	0.669	534	0.35	22.87	-112
1215			300		6.57	0.669	532	0.34	22.87	-113
1220			300		6.63	0.664	532	0.24	22.73	-127
1225			300		6.65	0.663	496	0.18	22.72	-127
1230			300		6.66	0.664	495	0.18	22.82	-128
1235			300		6.68	0.664	481	0.18	22.10	-129
1240	Collect SVPGW-05-270' (4-40ml VOA w/HCL)									

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

Purge Vol = 6.3L

REV

301279

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/4/05 WELL #: SVP-5

TIME: 0930 Start pump DEPTH OF PUMP: 290' DTW 36'

WEATHER CONDITIONS: 80's Sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
945	4.5 ~~L~~ 8/4/05		300	0	6.62	0.634	736	0.33	21.02	-120.7
1000	9.0L		300	—	6.69	0.639	850	0.30	21.23	-123.8
1005			300		6.76	0.665	600	0.16	23.18	-130.2
1010			300		6.77	0.666	549	0.32	23.41	-136.8
1015			300		6.77	0.672	533	0.15	23.87	-135.2
1020			300		6.77	0.675	526	0.14	23.97	-136.0
1025			300		6.77	0.679	521	0.13	24.30	-139.4
1030			300		6.77	0.678	526	0.12	24.66	-138.9
1035			300		6.77	0.678	526	0.11	24.87	-139.4
1040	Collects		SVPGW-05-290' (4 VOA with HCl)							

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

Purge Vol 6.8L

REV 5/0

301280

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8-4-05 WELL #: SVP-5

TIME: 755 Start pump DEPTH OF PUMP: 310' DTW 361

WEATHER CONDITIONS: 80' Sunny hot SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 m
0810	4.5L		300		6.52	0.599	760	1.17	19.71	-111.6
0825	9.0L		300		6.68	0.600	817	0.86	19.74	-108.2
0830			300		6.67	0.599	<999	0.73	19.90	-113.8
0835			300		6.68	0.599	<999	0.66	19.90	-115.3
0840			300		6.70	0.599	<999	0.70	19.99	-117.0
0845			300		6.70	0.596	<999	0.61	19.93	-115.4
0850			300		6.70	0.596	<999	0.61	19.94	-115.7
0855			300		6.71	0.596	<999	0.61	19.89	-117.1
0900	Collect Sample			SVPGW-05-310'						
				4- VOA with HCL						

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

Purge Vol 17.3L

REV

301281

LOW FLOW GI NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/3/05 WELL #: SVP-5

TIME: 1500 Start pump DEPTH OF PUMP: 330'

WEATHER CONDITIONS: 80's Sunny, Hot SAMPLERS: AMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1518	5.4L	—	300	—	6.61	0.614	<999	2.37	24.14	-45.9
1525	7.5L	—	300	—	6.55	0.687	<999	0.66	24.13	-96.7
1530	|	—	300	—	6.57	0.691	<999	0.62	24.18	-97.8
1535	|	—	300	—	6.58	0.696	<999	0.56	24.31	-102.3
1540	|	—	300	—	6.59	0.696	<999	0.52	24.35	-103.7
1545	|	—	300	—	6.59	0.696	<999	0.50	24.30	-110.7
1555	Collect sample SVPGW-05-330' (4 VOA with HCl)									

301282

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

Purge Vol 17.9L

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/3/05 WELL #: SVP-5

TIME: 1335 Start Pump DEPTH OF PUMP: 350' DTW 36'

WEATHER CONDITIONS: 90's sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENT mV (+/- 10 m
1350	4-5L		300		6.67	0.655	245	5.8	23.23	-125.
1405			300		6.69	0.633	218	0.54	23.15	-134.
1410			300		6.68	0.607	207	0.35	22.83	-135
1415			300		6.63	0.603	200	0.37	22.82	-135
1420			300		6.70	0.606	200	0.38	22.85	-135
1425			300		6.71	0.584	201	0.37	23.20	-135
1430			300		6.67	0.575	198	0.28	23.21	-135
1435			300		6.66	0.563	195	0.26	23.22	-135
1440			300		6.66	0.562	185	0.21	23.21	-136
1445			300		6.67	0.555	182	0.40	23.25	-136
1450			300		6.66	0.555	182	0.40	23.25	-137
1452	- Taking sample SVP5W-05-350				4 - 40ml VOA VIALS					

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

Purge Vol = 8.4L

REV

301283

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 2/3/05 WELL #: SVP-5

TIME: 1200 Start Pump DEPTH OF PUMP: 390' 370' DTW 36'

WEATHER CONDITIONS: 90's Sunny hot SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1215	4.5L		300		6.72	0.603	<999	2.75	23.52	-48.2
1230	9.0L				6.66	0.701	<999	0.72	23.41	-95.8
1235					6.74	0.638	<999	0.38	23.14	-124.1
1240					6.74	0.637	<999	0.39	23.13	-125.1
1245					6.74	0.627	<999	0.39	23.24	-133.7
1250					6.76	0.627	<999	0.36	23.30	-133.5
1255					6.76	0.625	<999	0.32	23.31	-134.0
1300	18L		↓		6.76	0.622	<999	0.30	23.29	-135.3
1305	Collect Sample			SVPGW-05-370			4-40ml vial with HCl			

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

Purge Vol 19L

REV 5/01

301284

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/3/05 **WELL #:** SVP-5

TIME: 1043 Start pump **DEPTH OF PUMP:** ~~[illegible]~~ 390' DTW 36'

WEATHER CONDITIONS: 90's sunny hot **SAMPLERS:** YMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENT mV (+/- 10 m
1058	4.5L		300	—	6.64	0.634	303	2.77	21.22	-66
1115	9.6L		300		6.70	0.692	<999	0.76	21.63	-101.
1120			300		6.71	0.578	<999	0.52	22.06	-109
1125			300		6.72	0.579	<999	0.50	22.06	-111
1130			300		6.72	0.580	<999	0.50	22.12	-114
1135	Collect Sample SVPG5N-05-~~410~~ 390' 12 VOA VIALS									
	MS/MSD									

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

Purge Vol = 9.6L

REV

301285

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/3/05 WELL #: SVP-05

TIME: 0930 start pump DEPTH OF PUMP: 410 DTW 34

WEATHER CONDITIONS: 80's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0945	4.5L		300		6.76	0.614	1034	0.96	20.02	-98.9
1000	9.0L		300		6.73	0.563	<999	0.70	20.16	-98.7
1005			300		6.73	0.550	<999	0.58	19.99	-103.7
1010			300		6.74	0.550	<999	0.55	19.99	-103.5
1015	~~13.5L~~ 13.5L		300		6.74	0.553	<999	0.55	20.32	-104.6
1020	Collect SVPGW-05-410					4-40ml VOA with HCl				

301286

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

Purge Vol 10L

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/3/05 **WELL #:** SVP-05

TIME: 0740 Start pump **DEPTH OF PUMP:** 430' DTW 36.0

WEATHER CONDITIONS: 80's sunny cool **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (~~GALS~~) L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv)
0755	4.5	8/3/05	300	—	6.37	0.651	51.8	2.42	19.35	-58.2
0810	9.0		300	—	6.60	0.646	50.0	2.54	19.24	-78.4
0825	13.5		300	—	6.84	0.642	152	0.80	19.10	-104.(
0830			300	—	6.90	0.642	300	0.65	19.20	-111.(
0835			300	—	6.94	0.642	360	0.54	19.26	-117.5
0840			300	—	6.94	0.641	360	0.54	19.16	-117
0845			300	—	6.94	0.641	361	0.55	19.09	-122.
0850	~~21~~ 18 Bbls		300	—	6.94	0.639	359	0.54	19.05	-123.(
0900	Samples Collected SVPGW-05-430 (4 VOA with HCL)									
	Duplicate SVPGW-50-430 (4 VOA with HCL									

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

Purge Vol = 10L

REV 5/0

301287

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/1/05 WELL #: SVPC5

TIME: 0835 Start pump DEPTH OF PUMP: 450' DTW 36.00'

WEATHER CONDITIONS: SAMPLERS: TNB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0850	2.2		150		6.64	0.683	36.3	4.44	21.98	-61.3
0905	3.7		100		~~6.62~~ MNB	0.688	36.0	3.66	22.93	-57.1
0920	5.2		100		6.60	0.702	36.0	3.44	23.38	-52.47
0935			100		6.58	0.713	36.0	3.46	24.49	-42.3
0943	No flow! turn off, let recharge in 15' mins									
1003	Restart pump									
1015	Pull Pump 1030 Lower Pump									
1039	Restart pump									
1040	No flow pull pump									
1045	Restart pump									
1100	Pump not flowing									
1130	Switch to sample Pro pump 1158 start pump									

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

Purge Vol = 11.1L

REV 5/01

301288

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 8/1/05 WELL #: SVP-05

TIME: 1158 start pump DEPTH OF PUMP: 450'bls DTW = ~36.00'

WEATHER CONDITIONS: SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1230					6.66	0.803	36.0	2.05	30.96	-98
1245					6.67	0.803	36.0	1.94	30.32	-98.(
1300					6.66	0.803	32.0	.87	29.86	-90.9
1345					6.59	0.776	30.0	.82	29.82	-89.2
1400					6.58	0.773	28.0	.81	28.10	-89.(
1403	- Sample taken			SVP-5 @ 450'bls						

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

Purge Vol = 11.1L

REV

301289

SVP-06

301290

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/26/05 WELL #: SVP-06

TIME: 1200 Start DEPTH OF PUMP: 50 DTW 37'

WEATHER CONDITIONS: 50's sunny cold SAMPLERS: TNB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1203			200	0.11	6.03	0.185	<999	1.26	14.16	-30.5
1206			200	0.11	6.03	0.185	<999	1.29	14.16	-30.2
1209			200	0.11	6.03	0.185	<999	1.26	14.16	-30.1
1212			200	0.11	6.03	0.185	<999	1.26	14.19	-30.1
1215	Collect	SVP GW-06-50			4- VOA VIALS					

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

Vol Purged = 4 Liters

REV 5/01

301291

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/26/05 **WELL #:** SUP-06

TIME: 1135 **DEPTH OF PUMP:** 70 DTW 37'

WEATHER CONDITIONS: 50's sunny cold **SAMPLERS:** TH/B

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) ~~Sal ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1138			250	0.11	5.87	0.178	<999	0.47	14.20	8.0
1141			250	0.11	5.87	0.178	<999	0.47	14.21	8.9
1144			250	0.11	5.82	0.178	<999	0.47	14.22	8.2
1147			250	0.11	5.82	0.178	<999	0.47	14.21	8.5
1150	Collect SUPGW-06-70					4-40ml VOA vials with HCl				

301292

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

Vol Purged = 5 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/26/05 **WELL #:** SUP-06

TIME: 1055 Start pump **DEPTH OF PUMP:** 90 DTW 37'

WEATHER CONDITIONS: 50's sunny cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min ~~Gal per~~	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1100			200	0.11	6.11	0.172	<999	10.83	13.60	22.4
1105			200	0.11	6.00	0.172	<999	0.49	14.15	14.0
1110			200	0.11	5.82	0.177	<999	0.49	14.11	11.5
1115			200	0.11	5.87	0.172	<999	0.49	14.14	9.8
1120			200	0.11	5.82	0.172	<999	0.45	14.15	8.2
1125			200	0.11	5.82	0.178	<999	0.45	14.15	8.3
1130	Collect SUPBW-06-90				4-40ml VOA VIALS					

301293

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

Vol Purged = 6 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/26/05 **WELL #:** SUP-06

TIME: 1013 Start pump **DEPTH OF PUMP:** 110 DTW 37'

WEATHER CONDITIONS: 50's sunny cold **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1015			200	0.11	6.03	0.187	<999	3.00	14.17	-33.4
1020			200	0.11	6.03	0.187	<999	2.80	14.17	-33.2
1025			200	0.11	6.03	0.187	<999	1.92	14.12	-33.4
1030			200	0.11	6.03	0.186	<999	0.99	14.12	-33.2
1035			200	0.11	6.03	0.186	<999	0.99	14.12	-33.4
1040			200	0.11	6.03	0.186	<999	0.99	14.12	-33.4
1045	Collect SUPGW-06-10									
		4-40ml VOA VIALS								

301294

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

Purge Volume: 6 liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/26/05 WELL #: SVP-06

TIME: 0940 start pump DEPTH OF PUMP: 130 DTW 37

WEATHER CONDITIONS: 50's Sunny cold SAMPLERS: MP

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0945			250	0.12	6.23	0.206	<999	0.49	14.02	-52.0
0950			250	0.12	6.23	0.207	<999	0.47	14.03	-57.7
0955			250	0.12	6.23	0.207	<999	0.47	14.02	-57.7
1000			250	0.12	6.23	0.207	<999	0.47	14.02	-57.7
1005	Collect SVPGW-06-130 & Duplicate SVPGW-65-130									

301295

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

Purge Vol. 5 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 6/26/05 WELL #: SDP-06

TIME: 0900 start DEPTH OF PUMP: 150 DTW 371

WEATHER CONDITIONS: 50's sunny cold SAMPLERS: THB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0910			200	0.13	6.17	0.213	217	1.25	13.83	-39.3
0915			200	0.13	6.18	0.213	217	0.71	13.82	-41.1
0920			200	0.13	6.18	0.213	217	0.68	13.84	-43.3
0925			200	0.13	6.18	0.213	219	0.69	13.84	-43.3
0930			200	0.13	6.21	0.214	222	0.69	13.91	-49.7
0935			200	0.13	6.23	0.214	221	0.67	13.91	-49.7
0940			200	0.13	6.23	0.214	221	0.69	13.91	-49.1
0941	Collect SDP-06-170				4-40ml VOA VIALS					

301296

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

Purge Vol: 7 Lit

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/26/05 **WELL #:** SUP-06

TIME: 0745 Start **DEPTH OF PUMP:** 170 DTW 371

WEATHER CONDITIONS: Sold rainy cold **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0800			200	0.13	6.07	0.216	210	1.69	13.91	-8.7
0805			200	0.13	6.08	0.216	210	1.15	13.91	-0.4
0810			200	0.13	6.08	0.215	210	1.01	13.96	-20.7
0815			200	0.13	6.08	0.215	215	0.99	13.96	-21.1
0820			200	0.13	6.08	0.215	211	1.00	13.97	-21.1
0825			200	0.13	6.10	0.215	211	0.99	13.97	-21.2
0830			200	0.13	6.10	0.215	211	0.83	13.92	-21.1
0835			200	0.13	6.10	0.213	210	0.83	13.92	-21.1
0840			200	0.13	6.10	0.214	210	0.83	13.92	-21.3
0841	Collect SUPGW-06				170	MS/MSD				
			12-40ml VOA VIALS							

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

Purge Vol: 9 Liters

REV 5/01

301297

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/25/05 WELL #: SVP-06

TIME: 1500 DEPTH OF PUMP: 190 DTW 37'

WEATHER CONDITIONS: 50' rainy cold SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT) Sat pipe	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1505			200	0.12	6.86	0.203	999	0.31	14.45	-68.6
1510			200	0.12	6.72	0.203	<999	0.32	14.32	-62.3
1520			200	0.12	6.82	0.203	<999	0.29	14.45	-68.6
1525			200	0.12	6.83	0.203	<999	0.29	14.40	-68.2
1530			200	0.12	6.83	0.203	<999	0.28	14.41	-68.3
1535			200	0.12	6.83	0.203	<999	0.28	14.41	-68.4
1540			200	0.12	6.83	0.203	<999	0.28	14.41	-68.2
1542	Collect SVPGW-06-190 4-4oz Vials									

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

Purge Vol: 7 Liters

REV 5/01

301298

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/25/05 **WELL #:** SVP-06

TIME: 1400 start **DEPTH OF PUMP:** 210 DTW 37'

WEATHER CONDITIONS: 50's rainy cold **SAMPLERS:** TMR

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1405			200	0.12	6.83	0.203	<999	0.31	14.45	-68.6
1410			200	0.12	6.83	0.203	<999	0.32	14.32	-62.3
1415			200	0.12	6.87	0.203	<999	0.29	14.45	-62.1
1420			200	0.12	6.83	0.203	<999	0.29	14.41	-68.6
1425			200	0.12	6.83	0.203	<999	0.29	14.41	-68.6
1430			200	0.12	6.83	0.203	<999	0.29	14.41	-68.4
1435			200	0.12	6.83	0.203	<999	0.29	14.41	-68.4
1440			200	0.12	6.83	0.203	<999	0.29	14.41	-68.2
1441	Collect SVP6W-06-210				4-40ml VOA vials					

301299

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

Purge Vol: 8 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/25/05 WELL #: SUP-06

TIME: 1245 DEPTH OF PUMP: 230 DTW 37

WEATHER CONDITIONS: 50s Rainy Cold SAMPLERS: TLB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1250			200	0.09	6.93	0.142	372	0.31	14.25	-68.6
1255			200	0.09	6.92	0.147	373	0.32	14.29	-69.1
1300			200	0.09	6.90	0.142	378	0.39	14.20	-68.6
1305			200	0.09	6.91	0.143	377	0.34	14.20	-69.2
1310			200	0.09	6.91	0.143	374	0.35	14.20	-69.1
1315			200	0.09	6.91	0.143	372	0.33	14.20	-68.7
1316	Collect	SUPGW-06-230			4-40ml	VOA				

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

Purge Vol= 7 Liters

REV 5/01

301300

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/25/05 **WELL #:** SVP-06

TIME: 1110 **DEPTH OF PUMP:** 250' ~~37~~

WEATHER CONDITIONS: 50s Rainy Cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1120			200	0.09	6.29	0.139	200	1.20	14.37	-36.9
1130			200	0.09	6.34	0.134	200	1.10	14.37	-70.4
1135			200	0.09	6.29	0.134	201	1.03	14.37	-68.2
1140			200	0.09	6.43	0.134	200	1.06	14.38	-68.4
1145			200	0.09	6.43	0.134	200	1.01	14.37	-68.3
1150			200	0.09	6.43	0.134	200	1.03	14.37	-68.4
1155			200	0.09	6.43	0.13	200	1.01	14.38	-68.2
1200			200	0.09	6.43	0.13	200	1.05	14.37	-68.1
1205			200	0.09	6.44	0.13	195	1.01	14.37	-68.2
1210			200	0.09	6.43	0.13	200	1.02	14.37	-68.2
1215			200	0.09	6.43	0.13	200	1.01	14.37	-68.2
1225	Collect SVPGW-06-250				4-40ml VOA					

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

Purge Vol = 11 Liters

REV 5/01

301301

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/25/05 **WELL #:** SVP-06

TIME: 0950 **DEPTH OF PUMP:** 270 DTW 371

WEATHER CONDITIONS: 50s Rainy Cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1000			200	0.09	7.00	0.173	<999	2.70	13.61	-68.3
1010				0.09	6.73	0.173	<999	2.69	14.15	-68.2
1020				0.09	6.72	0.173	<999	2.00	14.14	-68.4
1025				0.09	6.73	0.178	<999	1.83	14.12	-68.2
1030				0.09	6.72	0.178	<999	1.84	14.12	-68.2
1035				0.09	6.73	0.178	<999	1.00	14.12	-68.7
1040				0.09	6.72	0.178	<999	1.01	14.12	-68.6
1045				0.09	6.72	0.178	<999	0.91	14.12	-68.6
1050				0.09	6.72	0.178	<999	0.95	14.12	-68.2
1055				0.09	6.73	0.178	<999	0.93	14.12	-68.2
1100	Collect SVPGW-06-270 4 40ml voa vials & Duplicate SVPGW-66-270 4 40ml Vo									

301302

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

Purge Vol: 11 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

~~PG 1 of 2~~ 9MB 10/25/05

DATE: 10/25/05 **WELL #:** SUP-06

TIME: 0730 Start pump **DEPTH OF PUMP:** 290' DTW 37'

WEATHER CONDITIONS: 50's Rainy Cold **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~Sal ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0745	|	|	150	0.09	6.83	0.124	672	0.95	14.25	-95.2
	Purge	still	continuing		changing	YSI	battery			
0830	|	|	150	0.09	7.32	0.245	600	3.72	15.31	-92.3
0845	|	|	150	0.09	6.82	0.232	639	1.90	15.20	-100.7
0900	|	|	150	0.09	6.72	0.234	650	0.99	15.19	-101.2
0905	|	|	150	0.09	6.93	0.234	666	0.99	14.99	-105.4
0910	|	|	150	0.09	6.85	0.125	669	0.96	14.30	-107.3
0915	|	|	150	0.09	6.85	0.124	673	0.96	14.25	-99.2
0920	|	|	150	0.09	6.85	0.124	671	0.96	14.27	-98.4
0925	|	|	150	0.09	6.85	0.125	672	0.95	14.25	-95.2
0930	Collect	SUP-06-290			4-40ml VOA VIALS with HCl					

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

Purge Vol = 9 Liters
13.5

REV 5/01

301303

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/24/05 **WELL #:** SCP-06

TIME: 1500 **DEPTH OF PUMP:** 310' DTW 37

WEATHER CONDITIONS: 50's sunny cool **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1510	|	|	300	0.09	6.85	0.145	505	0.28	14.63	-952
1520			300	0.09	6.85	0.145	509	0.28	14.62	-973
1525			300	0.09	6.82	0.145	507	0.22	14.62	-972
1530			300	0.09	6.82	0.145	504	0.22	14.63	-974
1535			300	0.09	6.82	0.145	504	0.22	14.62	-975
1540			300	0.09	6.82	0.145	504	0.28	14.62	-975
1545	Collect SUPEW-06-310					14-40mL VOA VIAL				

301304

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

Purge Vol. 9 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/24/05 WELL #: SUP-06

TIME: 1300 DEPTH OF PUMP: 330 DTW 371

WEATHER CONDITIONS: 50's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1315			200	0.07	6.17	0.127	505	2.91	15.01	-8.7
1330				0.07	6.37	0.125	500	1.85	15.01	-10.5
1345				0.07	6.40	0.125	500	0.92	15.21	-15.1
1400				0.07	6.42	0.125	520	0.91	15.25	-37.0
1415				0.07	6.52	0.125	520	0.66	15.20	-50.3
1420				0.07	6.53	0.125	527	0.40	15.31	-65.2
1425				0.07	6.66	0.125	500	0.43	14.99	-79.2
1430				0.07	6.70	0.125	500	0.47	14.62	-91.3
1435				0.07	6.70	0.125	500	0.30	14.65	-90.7
1440				0.07	6.70	0.125	500 slight cloud	0.31	14.69	-92.7
1443			↓	0.07	6.72	0.147	~~300~~ 500	0.30	14.66	-90.5
1445	Collect SUP-06-330									

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

Purge Vol. 18 Liters

REV 5/01

301305

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/24/05 **WELL #:** SUP-06

TIME: 1201 ~~start pump~~ **DEPTH OF PUMP:** 350 DTW 371

WEATHER CONDITIONS: 50's sunny cool **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~SC~~ ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1215			300	0.09	7.01	0.153	200	1.59	14.82	-94.8
1220			300	0.09	7.02	0.152	200	0.98	14.82	-97.1
1225			300	0.09	7.02	0.150	200	0.22	14.82	-97.1
1230			300	0.09	7.16	0.151	200	0.22	14.91	-111.6
1235			300	0.09	7.16	0.151	205	0.22	14.87	-112.8
1240			300	0.09	7.16	0.151	207	0.22	14.87	-112.7
1245	Collect SUPGW-06-350					MS/MSD				
		12-40ml VOA with HCl								

301306

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

Purge Vol. 9 Liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/24/05 WELL #: SVP-06

TIME: 0955 start pump DEPTH OF PUMP: 370 DTW 37

WEATHER CONDITIONS: 50's cool SAMPLERS: THB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1010			300	0.09	6.54	0.154	200	1.22	14.34	-41.6
1020				0.09	6.52	0.152	200	1.34	14.32	-41.8
1030				0.09	6.61	0.152	200	1.24	14.20	-41.2
1040				0.09	6.52	0.152	200	1.22	14.20	-50.7
1050				0.09	6.52		205	1.12	14.25	-52.3
1100	Pump shut off/not pumping									
1115				0.09	6.61	0.152	200	1.10	14.27	-43.0
1120				0.09	6.61	0.152	207	0.98	14.29	-43.3
1125				0.09	6.62	0.152	203	0.82	14.28	-41.2
1130				0.09	6.64	0.152	200	0.62	14.27	-43.7
1135				0.09	6.64	0.152	200	0.62	14.25	-44.0
1140	Collect SLPGW-06-370 + dup VOA									

301307

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

Purge Vol = 16.5 liters

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/21/05 **WELL #:** SUP-06

TIME: 1430 Start pump **DEPTH OF PUMP:** 390' DTW 37'

WEATHER CONDITIONS: ~ 70s Sunny **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1445			250	0.02	6.82	0.142	300	10.32	15.32	-11.9
1500			250	0.02	6.82	0.142	300	9.72	15.30	-11.2
1505			250	0.02	6.82	0.142	300	8.73	15.31	-11.4
1510			250	0.02	6.05	0.142	300	5.32	15.29	-11.6
1515			250	0.02	6.05	0.142	299	1.00	15.29	-11.6
1520			250	0.02	6.04	0.142	299	0.99	15.27	-11.1
1525			250	0.02	6.04	0.142	299	0.98	15.27	-11.0
1530	Collect SUPEW-06		-390		4 - 40ml	VOA	VIALS			

301308

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

Purge Vol: ~~8 Liters~~ 11.25L

REV 5/01

LOW FLOW GROUND TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/2/08 WELL #: SUP-06

TIME: 1300 Start pump DEPTH OF PUMP: 410 DTW 37'

WEATHER CONDITIONS: 70's sunny SAMPLERS: YMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT) Set pt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1315			250	0.09	6.19	0.149	250	3.36	15.31	-350
1330			250	0.09	6.19	0.149	255	2.34	15.30	-35.0
1335			250	0.09	6.19	0.149	232	1.26	15.31	-35.6
1340			250	0.09	6.20	0.149	230	2.63	15.28	-35.0
1345			250	0.09	6.20	0.149	230	2.13	15.29	-35.2
1350			250	0.09	6.20	0.149	222	0.97	15.26	-35.2
1355			25	0.09	6.20	0.149	232	0.97	15.20	-35.0
1400			250	0.09	6.29	0.149	232	0.97	15.31	-39.5
1405			250	0.09	6.22	0.149	231	0.97	15.34	-39.2
1408	Collect		SUPGW-06-410		4		40 mL VOA			

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

Purge Vol: 11.25 Liters

REV 5/

301309

LOW FLOW GROUND [illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/2/05 WELL #: SUP-06

TIME: 1030 start pump DEPTH OF PUMP: 430 DTW 37'

WEATHER CONDITIONS: 50's cool & overcast SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	RED POTEN mV (+/- 10
1045			250	0.07	6.82	0.123	200	10.67	15.25	-39
1100			250	0.07	6.82	0.123	200	9.42	15.27	-3[illegible]
1115			250	0.07	6.72	0.123	200	8.72	15.28	-32
1130			250	0.07	6.73	0.123	200	5.42	15.29	-3[illegible]
1145			250	0.07	6.73	0.123	200	10.63	15.29	-33
1200			250	0.07	6.66	0.123	200	1.84	15.29	-33
1215			250	0.07	6.82	0.123	210	1.82	15.21	-65
1230			250	0.07	6.82	0.123	210	0.51	15.31	-65
1235			250	0.07	6.82	0.123	207	0.52	15.31	-62
1240			250	0.07	6.82	0.123	207	0.52	15.32	-63
1245	Collect		SUPGW-06		430	4	40 ml	VOA		

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

Purge Vol: ~~12.5 Liter~~ 30L MW 11.9Q

RE

301310

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/21/05 WELL #: SUP-06

TIME: 0900 Start DEPTH OF PUMP: 450' PTW 37'

WEATHER CONDITIONS: 50's overcast cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv
0915			250	0.07	6.11	0.122	250	5.44	15.18	46.4
0930			250	0.07	6.18	0.123	200	4.04	15.25	28.9
0935			250	0.07	6.62	0.123	200	3.69	15.19	-35.1
0940			250	0.07	6.62	0.124	200	2.00	15.18	-35.1
0945			250	0.07	6.66	0.124	200	1.69	15.20	-35.1
0950			250	0.07	6.66	0.124	200	1.57	15.19	-37.6
0955			250	0.07	6.66	0.124	200	1.29	15.19	-37.6
1000			250	0.07	6.70	0.125	192	1.08	15.19	-41.1
1005			250	0.07	6.83	0.126	190	0.61	15.20	-57.8
1010			250	0.07	6.82	0.127	190	0.62	15.20	-57.2
1015			250	0.07	6.83	0.127	190	0.61	15.20	-60.1
1018	Collect SUP-06-450						4 40mL VOA			

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

Purge Vol 11.1L

REV 5/

301311

SVP-07

301312

LOW FLOW GR[illegible]ID [illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/27/05 WELL #: SVP-07

TIME: 1400 DEPTH OF PUMP: 50' (3757' DTW)

WEATHER CONDITIONS: 80° sunny cool SAMPLERS: TH/JB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1405			400	0.18	6.51	0.318	<999	1.09	17.25	-91.0
1410			400	0.18	6.01	0.321	<999	1.13	17.00	-99.0
1415			400	0.18	6.04	0.321	<999	1.12	17.20	-92.3
1420			400	0.18	6.04	0.323	<990	1.13	17.21	-93.7
1421	Collect 4 - 40ml VOA VIALS		SVPC-07-05							

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

Purge Vol: 8 Liters

REV 5/01

301313

LOW FLOW GROUND. .TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/27/05 WELL #: SUP-07

TIME: 1245 Start pump DEPTH OF PUMP: 70' (37.57' DTW)

WEATHER CONDITIONS: 70 sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ~~ml/min~~	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENT mV (+/- 10 m
1250			400	0.17	6.40	0.382	500	0.23	27.29	-77
1255			400	0.17	6.40	0.383	500	0.23	27.33	-77
1300			400	0.17	6.40	0.383	500	0.23	27.33	-77
1305			400	0.17	6.40	0.384	500	0.23	27.34	-77
*1348	Collect SUPGW-07-70									
	4-40ml VOA vials with HCl									
* sample delay to due to clogged pump										

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

Purge Vol = 8 Liters

REV

301314

LOW FLOW GR[illegible]ID[illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/27/05 WELL #: SVP-07

TIME: 9/27/05 1200 start pump DEPTH OF PUMP: 90' (37.57' DTW)

WEATHER CONDITIONS: 70s sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1205			400	0.18	6.34	0.352	400	2.20	22.67	-69.1
1210			400	0.18	6.35	0.355	392	2.00	22.49	-73.8
1215			400	0.18	6.36	0.352	396	1.44	22.33	-78.7
1220			400	0.18	6.36	0.352	398	0.81	22.35	-78.4
1225			400	0.18	6.36	0.352	398	0.81	22.37	-78.7
1230			400	0.18	6.36	0.352	397	0.81	22.37	-78.2
1233	Collect SVPGW-07-90'				4-40ml	VOA vials				

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

Purge Vol: 12 Liters

REV 5/01

301315

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/27/05 WELL #: SUP-07

TIME: 1110 Start pump DEPTH OF PUMP: 110 DTW 37.57

WEATHER CONDITIONS: 80's sunny cool SAMPLERS: HHB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10
1115			400	0.20	6.44	0.365	500	0.68	17.77	-84
1120			400	0.20	6.53	0.369	498	0.31	17.77	-108
1125			400	0.20	6.52	0.369	496	0.31	17.77	-108
1130			400	0.20	6.59	0.368	490	0.31	17.99	-109
1135			400	0.20	6.59	0.368	490	0.31	18.03	-109
1138			~~400~~ Collect SUPGW-07-110							
			4- 40ml VOA vials							

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

Purge Vol: 10 Liters

RE

301316

LOW FLOW GR[illegible]IDW[illegible]ER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/26/27/05 WELL #: SUP-07

TIME: 1015 DEPTH OF PUMP: 130 DTW 37.57'

WEATHER CONDITIONS: 70's sunny cool SAMPLERS: YLB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1025			350	0.19	6.50	0.335	985	0.24	16.49	-108.7
1030			350	0.19	6.51	0.335	980	0.24	16.51	-110.4
1035			350	0.19	6.63	0.335	980	0.23	16.74	-131.5
1040			350	0.19	6.63	0.334	970	0.22	16.75	-132.1
1045			350	0.19	6.63	0.333	970	0.22	16.75	-132.1
1050			350	0.19	6.64	0.332	970	0.21	16.74	-133.1
1053	Collect SUPGW07-130				4-40ml VOA					

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

1 Purge Vol 2.4L

REV 5/01

301317

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/27/05 WELL #: SUP-07

TIME: 0900 start pump DEPTH OF PUMP: 150 DTW 37.57'

WEATHER CONDITIONS: 70's sunny cool SAMPLERS: HHB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~Sal (ppt)~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 m
0910			350	0.20	6.42	0.343	<999	0.64	15.96	-89.2
0915			350	0.20	6.47	0.343	<999	0.48	1600	-94
0920			350	0.20	6.59	0.344	<999	0.31	16.07	-116
0925			350	0.20	6.68	0.345	<999	0.25	16.14	-136
0930			350	0.20	6.68	0.345	<999	0.25	16.14	-136
0935			350	0.20	6.68	0.345	<999	0.25	16.11	-137
0940			350	0.20	6.68	0.34	<999	0.25	16.11	-137
0943	Collect SUPEW-07-150					MS/MSD	12-	40ml	VOA VIALS W/ HCl	

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

Case Vol = 3.0L

REV

301318

LOW FLOW GR[illegible]ID\ ;ER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/27/05 WELL #: SUP-07

TIME: 0753 Start Pump DEPTH OF PUMP: 170 DTW 37.57'

WEATHER CONDITIONS: 70's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET~~ (+/- 0.3 FT) 5=1 ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0803			350	0.20	6.46	0.344	<999	0.67	16.05	-104.1
0808			350	0.20	6.53	0.344	<999	0.61	16.07	-117.3
0813			350	0.20	6.52	0.344	<999	0.61	16.04	-117.2
0818			350	0.20	6.53	0.344	<999	0.61	16.07	-117.3
0823			350	0.20	6.53	0.344	950	0.61	16.03	-117.2
0828			350	0.20	6.53	0.344	950	0.61	16.03	-113.5
0833			350	0.20	6.53	0.344	955	0.61	16.10	-113.2
0838			350	0.20	6.52	0.344	956	0.61	16.08	-113.7
0843			350	0.20	6.52	0.344	955	0.61	16.05	-113.2
0845	Collect SUPGW-07-170 & Duplicate Sample									
	SUPGW-91-170		4-40ml VOA VIALS EACH							

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

Purge Volume: 15.75 Liters

REV 5/0

301319

LOW FLOW GP 'NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/26/05 WELL #: SVP-07

TIME: 1516 Start pump DEPTH OF PUMP: 190' DTW 37.57'

WEATHER CONDITIONS: 80's sunny cool SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	~~FLOW RATE~~ ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Set ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REI POTE m (+/- 1
1526	|	|	400	0.20	6.17	0.359	<999	1.55	18.28	-34
1530	|	|	400	0.20	6.25	0.333	<999	0.75	18.04	-66
1535	|	|	400	0.20	6.26	0.33	<999	0.75	18.08	-72
1540	|	|	400	0.20	6.27	0.331	<999	0.74	18.08	-76
1545	|	|	400	0.20	6.27	0.331	<999	0.74	18.02	-76
1548	Collect SVPGW-07-190					4-40ml VOA VIALS				

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

Purge Vol 4.1L

301320

LOW FLOW GR[illegible]NDWATER SAMPLING

OLD ROOSEVELT FIELD [illegible]OUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/26/05 WELL #: SVP-07

TIME: 1420 DEPTH OF PUMP: 210 DTW 37.57'

WEATHER CONDITIONS: 80's Sunny COOL SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENT mV (+/- 10 m
1435	6		400	0.19	6.35	0.355	<999	1.94	19.14	-71.
1440			400	0.19	6.39	0.354	<999	0.81	19.24	-87.
1445			400	0.19	6.41	0.354	<999	0.48	19.26	-89.
1450			400	0.19	6.45	0.351	<999	0.49	18.87	-98.
1455			400	0.19	6.45	0.350	<999	0.46	18.86	-100
1458	Collect SVPGW-07-210 4-40ml VOA VIALS									

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

Purge Vol 4.6L

REV

301321

LOW FLOW GR[illegible]NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/26/05 WELL #: SUP-07

TIME: 1330 Start pum DEPTH OF PUMP: 230 DTW 3757

WEATHER CONDITIONS: SAMPLERS: MLB

ELAPSED TIME (MIN)	VOLUME PURGED (~~GALS~~)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	RE POTE m (+/- 1
1345			350	0.20	6.38	0.375	<999	0.58	19.06	-9
1350			350	0.20	6.44	0.376	<999	0.48	19.14	-1
1355			350	0.20	6.44	0.376	<999	0.48	19.14	-11
1400			350	0.20	6.45	0.376	<999	0.47	19.15	-111
1405			350	0.20	6.46	0.376	<999	0.44	19.19	-11
1408	Collected		SUPGW-07-230				4 40ml VOA		VIALS w	
									HCL	

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

Purge Vol: 8.75 L

301322

LOW FLOW GR NDWATER SAMPLING

OLD ROOSEVELT FIELD OUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/26/05 WELL #: SUP-07

TIME: 1220 Start DEPTH OF PUMP: 250

WEATHER CONDITIONS: 80's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET (+/- 0.3 FT)~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTENT mV (+/- 10 r
1235			400	0.22	6.25	0.409	<999	0.95	18.88	-41.7
1250			400	0.21	6.36	0.400	<999	6.37	18.95	~~132.~~
1255			400	0.21	6.36	0.400	<999	0.51	18.96	-132.
1300			400	0.21	6.55	0.400	<999	0.47	18.98	-134.
1305			400	0.21	6.55	0.400	<999	0.47	18.99	-134.
1310			400	0.21	6.55	0.400	<999	0.47	18.99	-134
1310 Collect SUPGW-07-250										

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

Purge Volume 5.7L

REV

301323

LOW FLOW GR NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/26/05 WELL #: SVP-07

TIME: 1059 Start pump DEPTH OF PUMP: 270 DTW 37.57

WEATHER CONDITIONS: 80° sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	RE POTE (+/-
1115			400	0.22	6.19	0.392	<999	0.56	18.31	-3
1120			400	0.21	6.30	0.385	<999	0.78	18.29	-5
1125			400	0.21	6.30	0.385	<999	0.78	18.27	-5
1130			400	0.21	6.29	0.386	<999	0.78	18.31	-5
1135			400	0.21	6.30	0.385	<999	0.76	18.37	-5
1140			400	0.21	6.42	0.395	<999	0.29	18.58	-78
1145			400	0.21	6.42	0.395	<999	0.29	18.52	-7
1150			400	0.21	6.43	0.396	<999	0.29	18.67	-7
1155			400	0.21	6.43	0.396	<999	0.29	18.67	-7
1200			400	0.21	6.43	0.396	<999	0.29	18.67	-7
1203	Collect SVPGW-07-270				4 -	4 on L	VOA	VIALS		

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

Purge Vol 6.2L

301324

LOW FLOW GR' NDWATER SAMPLING

OLD ROOSEVELT FIELD OUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/26/05 WELL #: SUP-07

TIME: 0930 Start pump DEPTH OF PUMP: 290 DTW 37.57

WEATHER CONDITIONS: 80's sunny cool SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) 50.1 ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTENT mV (+/- 10 r
0945	4		400	0.22	6.55	0.401	<999	0.39	17.99	-108
1000			400	0.22	6.55	0.400	<999	0.39	17.99	-109
1005			400	0.22	6.67	0.404	<999	0.39	17.99	-135
1010			400	0.23	6.67	0.405	<999	0.39	17.99	-137
1015			400	0.23	6.67	0.405	<999	0.39	18.03	-137
1020			400	0.23	6.72	0.406	<999	0.29	18.06	-147
1025			400	0.23	6.74	0.406	<999	0.23	18.15	-152
1030			400	0.23	6.74	0.406	<999	0.23	18.14	-152
1032	Collect SUPGW-07-290					4-40ml VOA Vials				

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

Purge Vol 6.8L

REV

301325

LOW FLOW GR[illegible] NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/26/05 WELL #: SVP-07

TIME: 0800 start pump DEPTH OF PUMP: 310' DTW 37.57

WEATHER CONDITIONS: 80's overcast cool SAMPLERS: THB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REI POTE m (+/- 1
0815	6.0		400	0.22	6.66	0.398	<999	3.09	17.98	-123
0830	12.0		400	0.22	6.66	0.388	<999	1.48	18.00	-12
0835			400	0.23	6.69	0.407	<999	0.46	18.08	-13
0840			400	0.23	6.69	0.407	<999	0.46	18.06	-13
0845			400	0.23	6.69	0.407	<999	0.46	1808	-13
0850			400	0.23	6.72	0.408	<999	0.42	18.10	-1
0855			400	0.23	6.72	0.408	<999	0.29	18.16	-15
0900			400	0.23	6.79	0.423	<999	0.29	18.19	-15
0905			400	0.24	6.79	0.424	<999	0.29	18.19	-15
0910			400	0.24	6.79	0.424	<999	0.27	1809	-16
0912	Collect SVPGW-07-310 4-40ml VOA VIALS									

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

Purge Vol: 20 L

301326

LOW FLOW GR[illegible]NDWATER SAMPLING

OLD ROOSEVELT FIELD [illegible]OUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

Pg 1 of 2

DATE: 9/23/08 WELL #: SVP-07

TIME: Start @ 1500 DEPTH OF PUMP: 330 DTW 37.57'

WEATHER CONDITIONS: SAMPLERS: TNR

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/-0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTENT mV (+/- 10 n
1515	1.5		100	0.18	6.26	0.377	100	0.50	25.41	-110
1530	3.0		100	0.18	6.26	0.377	100	0.47	25.41	-110
1535			100	0.18	6.27	0.378	100	0.45	25.41	-111
1540			100	0.18	6.27	0.378		0.44	25.42	-112
1545	6.0			0.18	6.29	0.3701		0.36	25.49	-115
1550				0.18	6.29	0.379		0.34	25.54	-117
1555				0.18	6.29	0.379		0.34	25.54	-117
1600	7.5			0.18	6.29	0.379		0.34	25.54	-117
1605				0.18	6.29	0.379		0.33	25.54	-117.2
1610				0.18	6.29	0.379		0.34	25.54	-117
1615	9.0		↓	0.18	6.29	0.379	↓	0.33	25.54	-117
1618	Collect SVP GW-07-330				4-40ml VOA					

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

Purge Vol 7.9L

REV

301327

LOW FLOW GR NDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/23/05 WELL #: SVP-07

TIME: Start @ 1200 DEPTH OF PUMP: ~~350~~ 350' pump @ 200' DTW

WEATHER CONDITIONS: 80° sunny SAMPLERS: CMB

1300 water in flow-thru cell

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	RE POTE r (+/-
1326	~~8~~ 8		100	0.15	6.09	0.386	100	3.97	34.42	-28
1341	~~10~~ 10		100	0.15	6.07	0.331	100	2.21	34.39	-24
1356			100	0.15	6.09	0.382	100	2.21	34.37	-24
1400			100	0.15	6.12	0.381	99	0.98	32.36	-24
1405			100		6.10	0.381	98	0.98	32.36	-24
1410			100		6.11	0.381	100	0.97	32.36	-24
1412			100		6.12	0.381	100	0.98	32.36	-24
1413	Collect SVPEW-07+350									

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

Purge Vol 8.4L

301328

LOW FLOW GR[illegible]IC .TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/23/05 WELL #: SUP-07

TIME: 0830 Start pump DEPTH OF PUMP: 370 DTW 37.57'

WEATHER CONDITIONS: 80's sunny/cool SAMPLERS: TM/RB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) S.I ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0845			350	0.17	6.16	0.309	270	0.68	18.24	-83.9
0900			350	0.17	6.18	0.302	270	0.65	18.22	-85.0
0905			350	0.17	6.22	0.308	278	0.64	18.22	-91.7
0910			350	0.17	6.24	0.309	270	0.62	18.23	-98.7
0915			350	0.17	6.23	0.308	270	0.62	18.22	-92.3
0920			350	0.16	6.55	0.300	200	0.64	18.06	-127.5
0925			350	0.16	6.55	0.300	200	0.60	18.63	-127.6
0930			350	0.16	6.55	0.300	200	0.60	18.71	-127.7
0935			350	0.16	6.55	0.300	200	0.60	18.74	-128.3
0940			350	0.16	6.54	0.300	200	0.60	18.71	-127.7
0945			350	0.16	6.55	0.300	200	0.60	18.73	-127.7
0948	Collect SVPEW-07-370				MS	MSD				

12 40mL VOA VIAB

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

Purge Volume = 19.25L

REV 5/01

301329

LOW FLOW GROUND .TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/22/05 WELL #: SUP-07

TIME: 1605 Start DEPTH OF PUMP: 390 DTW @ 37.57

WEATHER CONDITIONS: 80's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1625	7 TMB 9/22/05		350	0.15	6.43	0.272	<999	1.88	17.56	-63.4
1635	10.5		350	0.15	6.48	0.270	<999	1.02	17.40	-97.9
1640			350	0.15	6.48	0.270	<999	0.95	17.51	-105
1645			350	0.15	6.49	0.271	<999	0.86	17.54	-102
1650			350	0.15	6.49	0.270	<999	0.86	17.52	-103
1653	Collect SUP GW-07 390									
		4-40mL VOA								

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

Purge Vol = 9.5L

REV

301330

LOW FLOW GR[illegible]D .TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/22/05 WELL #: SMP-07

TIME: 1400 DEPTH OF PUMP: 410 DTW 37.57'

WEATHER CONDITIONS: 90's sunny SAMPLERS: TM/JB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) ~~ft~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1415	5 ~~gals~~ JB 9/22/05		350	0.16	6.37	0.211	<999	13.32	18.77	3.4
1430	10.5		350	0.15	6.28	0.278	<999	4.69	18.01	-34.2
1435			350	0.14	6.39	0.238	<999	1.99	17.67	-62.8
1440			350	0.12	6.51	0.315	<999	0.87	17.57	-93.5
1445			350	0.18	6.49	0.314	<999	0.73	17.52	-95.5
1450			350	0.17	6.47	0.311	<999	0.71	17.45	-94.8
1455			350	0.17	6.47	0.311	<999	0.71	17.47	-94.3
1458	Collect SMP-07 410					4-40ml				
	& Duplicate SMP-91-410					4-40ml VOA				

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

Purge Vol = 10.5 L

REV 5/0

301331

LOW FLOW GROUND .TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/22/05 WELL #: SVP 07

TIME: 1105 Start pump DEPTH OF PUMP: 430 DTW 37.57'

WEATHER CONDITIONS: 80' sunny warm SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTENT mV (+/- 10 m
1120	~~5.25~~ TMB 9/22/05		350	0.13	2.69	0.183	<999	4.63	17.62	-19.[illegible]
pH unusually low recalibrating pH										
Switching to YSI 566 SN										
1200			350	0.13	6.33	0.236	<999	0.82	17.45	-61.[illegible]
1215			350	0.13	6.33	0.235	<999	0.65	17.52	-58.[illegible]
1230			350	0.13	6.00	0.235	<999	0.63	17.52	-38.[illegible]
1245			350	0.13	5.81	0.235	<999	0.63	17.53	-36.[illegible]
1300			350	0.13	6.54	0.235	<999	0.63	17.67	-112.[illegible]
1305			350	0.13	6.52	0.236	<999	0.63	17.64	-114.[illegible]
1310			350	0.13	6.52	0.236	<999	0.63	17.64	-114.[illegible]
1315			350	0.13	6.52	0.236	<999	0.63	17.63	-114.9
1318 Collect SVPGW-07-430 4-40mL VOA VIALS										

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

Purge Vol 10.59L

REV

301332

LOW FLOW GR[illegible]ID [illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 9/22/05 WELL #: SVP-07

TIME: 0925 Start Pump DEPTH OF PUMP: 450 DTW 37.57'

WEATHER CONDITIONS: 80s sunny cool SAMPLERS: TLB

ELAPSED TIME (MIN)	VOLUME PURGED ~~(GALS)~~ L	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0940	5.25		350	0.12	5.80	0.215	<999	0.08	16.39	-147.8
0955	10.50		350	0.12	5.92	0.216	<999	0.07	16.46	-186.3
1010	15.75		350	0.12	6.02	0.219	<999	0.05	16.55	-213.4
1015			350	0.13	6.16	0.221	<999	0.05	16.72	-231.2
1020			350	0.13	6.16	0.221	<999	0.05	16.71	-311.2
1025			350	0.13	6.17	0.221	<999	0.05	16.66	-312.0
1030			350	0.13	6.19	0.221	<999	0.05	16.64	-313.2
1033	Collect SVPGW-07-450				4-40ml	VOA	VIALS			

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

Purge Vol = 11.13L

REV 5/01

301333

SVP-08

LOW FLOW GR[illegible]D [illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/14/05 WELL #: SVP-03

TIME: 1145 DEPTH OF PUMP: 50' DTW 26.95'

WEATHER CONDITIONS: 70's raining SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ~~ml/min~~	DRAWDOWN FEET (+/- 0.3 FT) ~~SWL (FT)~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1150			400	0.10	6.82	0.185	<999	0.99	16.06	-122.5
1155			400	0.10	6.82	0.182	<999	0.87	16.02	-123.7
1200			400	0.10	6.82	0.185	<999	0.51	16.00	-123.2
1205			400	0.10	6.82	0.185	<999	0.51	16.00	-123.2
1210			400	0.10	6.82	0.185	<999	0.51	16.00	-125.6
1215	Collect SVPGW-03-50					4-4oz VOA VIALS				

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

Vol Purged = 10 L

R

301335

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/14/05 WELL #: SUP-08

TIME: 1015 DEPTH OF PUMP: 70' DTW 26.95'

WEATHER CONDITIONS: 70's raining SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1020	|	|	350	0.11	8.01	0.190	<999	0.11	15.72	-180
1025	|	|	350	0.11	7.52	0.190	<999	0.11	15.22	-180
1030	|	|	350	0.11	6.83	0.190	<999	0.11	15.20	-180
1035	|	|	350	0.11	6.73	0.190	<999	0.10	15.20	-180
1040	|	|	350	0.11	6.73	0.190	<999	0.11	15.20	-180
1045	|	|	350	0.11	6.73	0.190	<999	0.11	15.20	-188
1050	|	|	350	0.11	6.73	0.190	<999	0.11	15.20	-188
1055	|	|	350	0.11	6.73	0.190	<999	0.11	15.20	-187
Collected sample @ 1130 deep to switching gerete										

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

Vol Purged = 14 L

REV 5

301336

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/14/05 WELL #: SUP-08

TIME: 0918 Start pump DEPTH OF PUMP: 90' DTW 26.95'

WEATHER CONDITIONS: 70's rainy SAMPLERS: THB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0925			350	0.11	7.01	0.192	500	0.85	15.72	-180.2
0930				0.10	7.12	0.192	499	0.45	15.72	-185.2
0935				0.10	7.05	0.192	492	0.29	15.62	-185.3
0940				0.10	7.10	0.193	499	0.45	15.62	-185.2
0945				0.10	7.01	0.192	492	0.46	15.62	-185.3
0950				0.10	7.01	0.192	499	0.46	15.66	-185.2
0955				0.10	7.01	0.192	499	0.46	15.60	-185.2
1000				0.10	7.01	0.192	499	0.46	15.60	-185.3
1005	Collect SUP GW-08-90 MS/MSD									
						9 40ml VOA VIALS				

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

Vol Purged = 14L

REV 5/01

301337

LOW FLOW GRC)WATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/13/05 WELL #: SUP-62

TIME: 1515 DEPTH OF PUMP: 110 DTW 26.95

WEATHER CONDITIONS: 70's rainy cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Sal (ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENT mV (+/- 10 m
1525			350	0.11	7.10	0.191	565	0.37	15.77	-180
1535				0.11	7.12	0.191	563	0.46	15.72	-185
1545				0.11	7.10	0.191	563	0.46	15.77	-185
1550				0.11	7.10	0.191	562	0.46	15.77	-185
1555				0.11	7.10	0.191	560	0.46	15.78	-185
1600	Collect SUP62-08-110 4- 40ml VOA									

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

Purge Vol: 8.75 L

REV

301338

LOW FLOW GR IDWATER SAMPLING

OLD ROOSEVELT FIELD UNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/13/05 WELL #: SUP-08

TIME: 1400 DEPTH OF PUMP: 130 DTW 26.95'

WEATHER CONDITIONS: 70's Sunny SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) Set ep	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1410			350	0.11	6.64	0.182	<999	1.85	15.49	-120.3
1420			350	0.11	6.64	0.187	<999	1.50	15.52	-127.4
1430			350	0.11	6.62	0.195	<999	1.00	15.54	-128.5
1435			350	0.11	6.63	0.196	<999	0.25	15.81	-119.4
1440			350	0.11	6.64	0.196	<999	0.25	15.81	-119.2
1445			350	0.11	6.64	0.196	<999	0.25	15.82	-118.7
1450	Collect SUPGW-08-130					4-40ml VOA VIALS				

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

Purge Vol: ~~10.5L~~ 14L mw 11.9.06

REV 5

301339

LOW FLOW GR[illegible]IDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/13/05 WELL #: SUP-02

TIME: 1115 start pump DEPTH OF PUMP: 150 DTW 26.95

WEATHER CONDITIONS: 70's Sunny SAMPLERS: CLG

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mV)
1130			400	0.11	7.04	0.193	215	0.98	15.20	-112
1145			400	0.11	6.94	0.193	216	1.12	15.25	
1200			400	0.11	7.04	0.193	216	1.44	15.20	
1205			400	0.11	7.02	0.188	245	1.47	15.21	
1210			400	0.11	7.21	0.188	240	0.95	15.21	
1215			400	0.11	7.23	0.189	210	0.97	15.21	
1220			400	0.10	7.04	0.189	216	0.50	15.19	
1225			400	0.11	7.04	0.189	216	0.47	15.20	
1230			400	0.11	7.10	0.187	210	0.47	15.20	
1235			400	0.11	7.10	0.189	210	0.47	15.21	
1240			400	0.11	7.10	0.189	210	0.47	15.21	
1245	Collect SUPGW-08-150									

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

Purge Vol = ~~22L~~ MW 11.9.06
30L

REV

301340

LOW FLOW GRO[illegible]TER SAMPLING

OLD ROOSEVELT FIELD GR[illegible]NDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/13/05 WELL #: SVP-08

TIME: ~~10/13/05 0850~~ 0915 DEPTH OF PUMP: 170 DTW 26.95'

WEATHER CONDITIONS: 70's ~~sunny~~ rain cold SAMPLERS: CMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
~~0920~~ 0925			400	0.11	6.41	0.193	<999	0.95	15.10	-100.7
0930			400	0.11	6.44	0.190	<999	0.47	15.08	-102.7
0940			400	0.11	6.44	0.190	<999	0.50	16.03	-102.4
0950			400	0.11	6.46	0.189	<999	0.43	15.08	-102.7
0955			400	0.11	6.49	0.188	<999	0.44	15.08	-103.0
1000			400	0.11	6.49	0.188	<999	0.42	15.10	-103.8
1005			400	0.11	6.49	0.188	<999	0.43	15.11	-103.7
1010			400	0.11	6.49	0.188	<999	0.41	15.11	-103.7
1015	9LB total loss		400	0.11	6.49	0.189	<999	0.41	15.11	-103.0
~~1054~~ 1015 Collect SVP-08-170' 4-40ml VOA VIALS										

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

Purge Vol = 48L

REV 5.01

301341

LOW FLOW GR[illegible]DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/12/05 WELL #: SVP-08

TIME: 1315 DEPTH OF PUMP: 190' 26.95'

WEATHER CONDITIONS: 60s Rainy Cold SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~2 FT~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTEN mV (+/- 10
1320			400	0.11	6.16	0.187	<999	1.87	14.17	-20
1325			400	0.11	6.34	0.187	<999	0.79	14.17	-74
1330			400	0.11	6.34	0.187	<999	0.61	14.17	-88
1335			400	0.11	6.39	0.188	<999	0.60	14.17	-93
1340			400	0.11	6.40	0.186	<999	0.56	14.18	-96
1345			400	0.11	6.41	0.187	<999	0.56	14.18	-105
1350			400	0.11	6.46	0.187	<999	0.56	14.07	-114
1355			400	0.11	6.46	0.187	<999	0.56	14.06	-115
1400			400	0.11	6.46	0.	<999	0.56	14.06	-116
1403	Collect SVPEW-08 - 190'					4-40ml VOA				

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

Purge Vol = 18L

RI

301342

LOW FLOW GR[illegible]IDWATER SAMPLING

OLD ROOSEVELT FIELD [illegible]UNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/12/05 WELL #: SUP-08

TIME: 1140 Start pump DEPTH OF PUMP: 210 DTW 26.95'

WEATHER CONDITIONS: 60's rainy cold SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN ~~FEET~~ (+/- 0.3 FT) ~~Sat ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1145			400	0.10	6.43	0.166	<999	0.53	13.97	-96.6
1150			400	0.10	6.43	0.166	<999	0.48	13.96	-96.0
1155			400	0.10	6.43	0.166	<999	0.47	13.96	-95.8
1200			400	0.10	6.41	0.166	<999	0.43	13.96	-97.8
1205			400	0.10	6.41	0.166	<999	0.43	13.94	-100.[illegible]
1210			400	0.10	6.41	0.166	<999	0.41	13.94	-101.6
1215			400	0.10	6.39	0.168	<999	0.40	13.94	-101.6
1220			400	0.10	6.41	0.168	<999	0.40	13.94	-101.2
1225			400	0.10	6.41	0.168	<999	0.40	13.94	-102.[illegible]
1230			400	0.10	6.41	0.168	<999	0.40	13.95	-102.3
1240	Collect SUPGW-08-210					4-40mL VOA		VIALS	with HCL	
	& Duplicate SUPGW-[illegible]85-210					4-40mL VOA		VIALS	with HCL	

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

Purge Vol: ~~20L~~ MW 11-9 de 24L

REV 5

301343

LOW FLOW GR('DWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/12/05 WELL #: SUR-08

TIME: 1015 Start pump DEPTH OF PUMP: 230' DTW 26.95

WEATHER CONDITIONS: 60's rainy cold SAMPLERS: THB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~(ppt)~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTEN mV (+/- 10
1020			400	0.09	6.75	0.153	563	3.23	14.18	-143
1025			400	0.09	6.66	0.153	504	0.63	14.19	-148
1030			400	0.09	6.66	0.154	502	0.60	14.25	-149
1035			400	0.09	6.32	0.154	534	0.57	14.26	-15
1040			400	0.09	6.52	0.154	532	0.57	14.25	-150
1045			400	0.09	6.42	0.154	532	0.57	14.25	-15
1050			400	0.09	6.66	0.154	531	0.57	14.19	-15
1055			400	0.09	6.66	0.154	537	0.57	14.26	-15
1100			400	0.09	6.66	0.154	537	0.57	14.19	-15
1105			400	0.09	6.66	0.154	532	0.57	14.20	-152
1108	Collect SURGW-08-230					4-40mL VOA with HCL				

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

Purge Volume = 20L

RJ

301344

LOW FLOW GR[illegible] [illegible]TER SAMPLING

OLD ROOSEVELT FIELD G[illegible]NDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/11/05 WELL #: SUP-08

TIME: 0915 Start DEPTH OF PUMP: 250 DTW 26.95

WEATHER CONDITIONS: 60's overcast cold SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	~~DRAWDOWN FEET (+/- 0.3 FT)~~ sd (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0930			100	0.09	6.86	0.163	102	0.33	15.62	-225.1
1000				0.09	6.87	0.164	104	0.37	15.63	-221.4
1030				0.09	6.87	0.163	105	0.33	15.78	-223.7
1100				0.09	6.85	0.162	150	0.31	15.78	-226.2
1130				0.09	6.85	0.162	128	0.31	15.80	-229.0
1200				0.09	6.86	0.163	120	0.31	15.79	-235.4
1230				0.09	6.86	0.163	126	0.31	15.78	-240.7
1300				0.09	6.85	0.163	120	0.31	15.78	-226.4
1330				0.09	6.86	0.163	120	0.31	15.70	-228.4
1400				0.09	6.86	0.162	120	0.31	15.78	-226.5
1430				0.09	6.86	0.162	120	0.31	15.90	-226.5
1500				0.09	6.90	0.162	120	0.31	15.91	-226.5

1518 Collect SUPGW-08-250 4-40ml Iron

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

Purge Vol: ~~30L~~ 11.9 ml
28L

REV 5/01

301345

LOW FLOW GRO) TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/7/05 WELL #: SUP-08

TIME: start @ 1440 DEPTH OF PUMP: 270 DTW 26.95'

WEATHER CONDITIONS: 70's sunny cool SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN FEET (+/- 0.3 FT) ±1 ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1500			400	0.10	6.53	0.175	<999	0.20	17.25	-190
1505			400	0.10	6.49	0.175	<999	0.20	17.17	-191
1520			400	0.10	6.49	0.175	<999	0.20	17.26	-191
1525			400	0.10	6.48	0.175	<999	0.15	17.48	-199
1530			400	0.10	6.48	0.175	<999	0.14	17.49	-20
1535			400	0.10	6.48	0.175	<999	0.15	17.49	-20
1538	Collect SUP-08-270									

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

REV

Purge Vol: 14L

301346

LOW FLOW GR[illegible] [illegible]TER SAMPLING

OLD ROOSEVELT FIELD G[illegible]NDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/7/05 WELL #: SUP08

TIME: 1225 DEPTH OF PUMP: 290 DTW 26.95'

WEATHER CONDITIONS: 70's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1245			400	0.10	6.72	0.178	<999	3.19	20.72	-51.6
1300			400	0.10	6.24	0.176	<999	2.01	20.73	-54.3
1315			400	0.10	6.35	0.178	<999	1.95	20.85	-52.7
1320			400	0.10	6.10	0.178	<999	1.59	20.30	-53.4
1325			400	0.10	6.09	0.178	<999	1.00	20.92	-53.1
1330			400	0.09	6.23	0.176	<999	0.58	20.64	-63.4
1335			400	0.09	6.19	0.176	<999	0.56	20.63	-65.0
1340			400	0.09	6.19	0.175	<999	0.56	20.62	-65.6
1345			400	0.09	6.18	0.175	<999	0.54	20.62	-65.2
1348	Collect SUPGW-08-290' 4-40L VOA VIALS									

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

REV 5.01

Purge Vol: 24L

301347

LOW FLOW GRO[illegible] [illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/7/05 WELL #: SUP-08

TIME: 1107 DEPTH OF PUMP: 310 DTW 26.95

WEATHER CONDITIONS: 70's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sol ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI[illegible] mV (+/- 10 m[illegible]
1115			400	0.09	6.44	0.169	<999	0.34	16.89	-165
1130			400	0.09	6.45	0.169	<999	0.32	17.00	-174
1145			400	0.09	6.45	0.169	<999	0.32	17.07	-174
1150			400	0.09	6.43	0.169	<999	0.28	16.95	-175
1155			400	0.09	6.44	0.168	<999	0.29	17.00	-175
1200			400	0.09	6.44	0.169	<999	0.28	17.01	-175
1205			400	0.09	6.43	0.169	<999	0.28	17.02	-175
1208	Collect		SUPGW-08-		310	MS	/MSD	12	yonl	VOAV

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

REV

Purge Vol: 20L

301348

LOW FLOW GR[illegible]ER SAMPLING

OLD ROOSEVELT FIELD GR[illegible]NDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/7/05 WELL #: SSP-08

TIME: 0903 start pump DEPTH OF PUMP: 330' DTW 26.95

WEATHER CONDITIONS: 70's Sunny Cool SAMPLERS: TNB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) set ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0915			400	0.09	5.86	0.167	<999	1.31	16.94	-88.9
0930			400	0.09	5.93	0.167	<999	0.93	16.97	-102.2
0945			400	0.09	5.95	0.168	<999	0.87	16.94	-105.7
0950			400	0.09	5.98	0.168	<999	0.81	16.94	-109.3
0955			400	0.09	6.51	0.175	<999	0.28	18.65	-198.7
1000			400	0.09	6.51	0.175	<999	0.28	18.66	-199.0
1005			400	0.09	6.50	0.177	<999	0.25	18.57	-208.6
1010			400	0.09	6.50	0.175	<999	0.24	19.58	-208.7
1015			400	0.09	6.50	0.177	<999	0.24	19.58	-208.1
1020			400	0.09	6.50	0.177	<999	0.23	19.88	-207.4
1025			400	0.09	6.50	0.177	<999	0.23	19.84	-209.4
1028	Collect SSP-08-330									

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

Purge Vol: 30L

REV 5.01

301349

LOW FLOW GRC) TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/16/05 WELL #: SVP-08

TIME: 1455 Start pump DEPTH OF PUMP: 350' DTW 26.95'

WEATHER CONDITIONS: 70's sunny cool SAMPLERS: AMD

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN FEET (+/- 0.3 FT) Stable	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1515			400	0.09	6.46	0.168	<999	0.19	16.54	-149
1530			400	0.09	6.47	0.168	<999	0.18	16.54	-152
1535			400	0.09	6.48	0.169	<999	0.38	16.34	-179
1540			400	0.10	6.48	0.169	<999	0.39	16.26	-176
1545			400	0.10	6.48	0.169	<999	0.38	16.39	-180
1550			400	0.10	6.49	0.169	<999	0.38	16.34	-180
1555	Collect SVP GW-08-350					4-40ml VOA	Vials			

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

Purge Vol 8.74

REV

301350

LOW FLOW GR[illegible] D [illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/16/05 WELL #: SLR-08

TIME: 1300 start DEPTH OF PUMP: 370 DTW 269.57

WEATHER CONDITIONS: 70's overcast cool SAMPLERS: THB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1315			400	0.10	6.31	0.178	<999	0.37	16.33	-83.8
1330			400	0.10	6.49	0.169	<999	0.13	16.37	-132.4
1345			400	0.10	6.76	0.169	<999	0.13	16.55	-187.1
1350			400	0.10	6.88	0.169	<999	0.12	16.53	-216.1
1355			400	0.100	6.77	0.169	<999	0.12	16.43	-219.3
1400			400	0.10	6.79	0.169	<999	0.12	16.49	-217.1
1405			400	0.10	6.77	0.169	<999	0.12	16.48	-217.0
1410			400	0.10	6.97	0.168	<999	0.11	16.49	-217.0
1412	Collect SLRGW-08-370 & Duplicate SLRGW-85-37									
		total of 8-40ml VOA with HCl								

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

Purge Vol 9.26 L

REV 5/0

301351

LOW FLOW GRO) TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/16/05 WELL #: SUR-08

TIME: Start @ 1115 DEPTH OF PUMP: 390 DTW 26.95

WEATHER CONDITIONS: 70's cool overcast SAMPLERS: MLB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1130			400	0.10	6.47	0.167	<999	1.18	16.20	-130
1145			400	0.10	6.34	0.167	<999	0.56	16.39	-128
1200			400	0.10	6.32	0.167	<999	0.56	16.40	-139
1205			400	0.10	6.66	0.168	<999	0.20	16.58	-189
1210			400	0.10	6.66	0.168	<999	0.18	16.56	-197
1215			400	0.10	6.66	0.168	<999	0.18	16.62	-205
1220			400	0.10	6.66	0.168	<999	0.18	16.60	-200
1223	Collect SUR-08-390					4 - 40ml	VOA	VIALS		

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

Purge Vol 9.8 L

REV

301352

LOW FLOW GP[illegible]) [illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

Pg 1 of 2

DATE: 10/6/05 WELL #: SVP-08

TIME: 0850 start pump DEPTH OF PUMP: 410 DTW 26.95

WEATHER CONDITIONS: 70's overcast cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0900			400	0.10	6.22	0.168	<999	0.51	15.89	-120.08
0910				0.10	6.45	0.167	<999	0.38	15.77	-145.8
0920				0.10	6.47	0.168	<999	0.35	15.91	-150.09
0930				0.10	6.54	0.167	<999	0.30	15.91	-159.7
0940				0.10	6.73	0.166	<999	0.23	15.84	-190.08
950				0.10	6.71	0.167	<999	0.23	15.82	-186.2
1000				0.10	6.24	0.167	<999	0.23	15.92	-197.4
1005				0.10	6.24	0.167	<999	0.23	15.92	-200.5
1010				0.10	6.26	0.167	<999	0.23	15.92	-186.4
1015				0.10	6.36	0.168	<999	0.23	15.92	-199.2
1020				0.10	6.26	0.168	<999	0.23	15.98	-185.1
1025			V	0.10	6.26	0.167	<999	0.23	15.92	-187.9

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

Purge Vol

REV 5.01

301353

LOW FLOW GRO) TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

Pg 2 of 2

DATE: 10/06/05 WELL #: SUR-08

TIME: 0850 Start pump DEPTH OF PUMP: 410 PTW 26.95

WEATHER CONDITIONS: 70's overcast cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~Sal ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI. mV (+/- 10 m
1030	|	|	400	0.10	6.26	0.167	<999	0.23 ~~15.84~~	15.84	-186
1035	|	|	↓	0.10	6.26	0.168	<999	0.23 ~~15.92~~	15.92	-186
1038	Collect SUPGW-08-410 4 x 40ml VOA VIALS with HCl									

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

Purge Vol 38L

REV 9

301354

LOW FLOW GR[illegible]TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/5/05 WELL #: SVP-02

TIME: 1245 start pump DEPTH OF PUMP: 430 DTW 26.95

WEATHER CONDITIONS: 70's Sunny Cool SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) ~~Std ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1300			250	0.10	6.51	0.179	<999	0.23	17.27	-154.8
1315			250	0.10	6.72	0.182	<999	0.12	18.05	-197.4
1330			250	0.10	6.76	0.182	<999	0.11	18.43	-200.4
1345			250	0.10	6.76	0.181	<999	0.11	18.42	-237.9
1400			250	0.10	6.99	0.181	<999	0.11	18.56	-255.3
1415			250	0.10	6.99	0.181	<999	0.11	18.57	-253.1
1425			250	0.10	6.99	0.178	<999	0.14	18.95	-291.6
1435			250	0.09	7.13	0.178	<999	0.14	18.96	-287.3
1445			250	0.09	7.13	0.178	<999	0.14	18.95	-289.6
1455			250	0.09	7.12	0.172	<999	0.14	18.95	-289.4
1508	Collect SVPGW-08-430 4-40ml VOA									

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

Purge Vol. 30L

REV 5.01

301355

LOW FLOW GROUND TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/5/05 WELL #: SUP-02

TIME: 0930 Start pump DEPTH OF PUMP: 450 DTW 26.95'

WEATHER CONDITIONS: 75's Sunny Cool SAMPLERS: TH/B

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0945			300	0.10	6.66	0.164	<999	0.30	15.83	-158.2
1000			300	0.09	6.63	0.164	<999	0.27	15.78	-182.5
1015			300	0.09	6.44	0.165	<999	0.22	1591	-200.5
1030			300	0.09	6.90	0.171	<999	0.15	16.87	-247.1
1035				0.09	6.90	0.175	<999	0.26	17.32	-265.1
1040				0.09	6.90	0.176		0.26	17.25	-269.8
1045				0.09	7.00	0.172		0.26	18.20	-272.8
1050				0.09	7.00	0.176		0.26	18.00	-270.1
1055				0.09	7.00	0.176		0.26	18.00	-250
1100				0.09	7.00	0.176		0.26	18.00	-277.9
1105				0.09	7.00	0.176		0.26	18.00	-278
1110				0.09	7.00	0.176		0.26	18.00	-279.8

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

Purge Vol = 11.4L

REV 5/01

301356

LOW FLOW GR[illegible] TER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

Pg 2 of 2

DATE: 10/5/05 WELL #: SUP-08

TIME: 930 Start pump DEPTH OF PUMP: 450' DTW 26.95'

WEATHER CONDITIONS: 70's sunny cool SAMPLERS: TMB

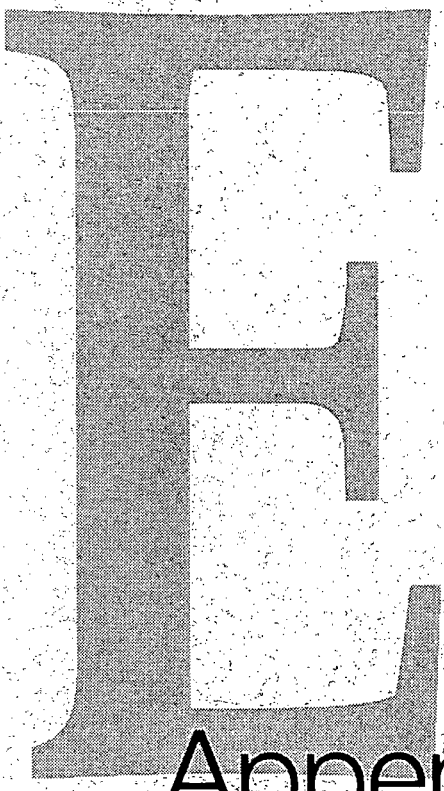
ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT) Scl ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1115			300	0.10	7.25	0.175	<999	0.12	17.55	-292.3
1120					7.25	0.175	<999	0.12	18.06	-293.0
1125					7.30	0.175	<999	0.12	17.55	-294.2
1130					7.39	0.175	<999	0.12	17.58	-292.3
1135					7.38	0.178	<999	0.12	17.56	-292.2
1140					7.25	0.175	<999	0.12	17.57	-292.4
1145					7.25	0.175	<999	0.12	17.56	-292.6
1150					7.25	0.175	<999	0.12	17.56	-292.7
1152	Collect SUP-08-450					4-40ml VOA Vials				

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

REV 5/01

301357

Purge Vol = 11.4L



Appendix E

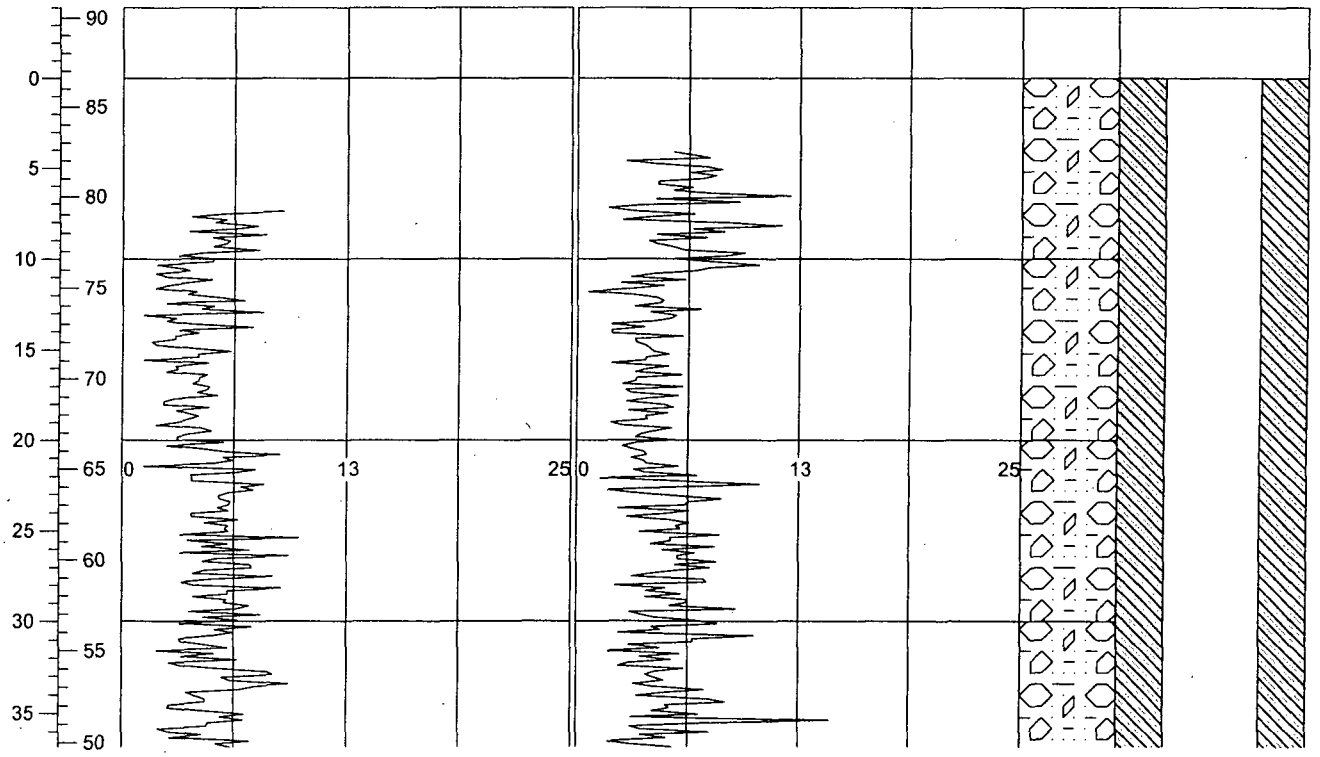
Appendix E

Multi-port Well Construction Diagrams

301359

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 (N-13631) **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146
Drilling Contractor: Aquifer Drilling & Testing (ADT) **Drilling Method:** Hollow Stem Auger **Sample Method:** Bladder Pump (groundwater screening) **Date Started:** 10/31/05 **Date Completed:** 03/07/06 **Logged By:** Tonya M.Bennett (CDM)	**Northing:** 210925.80 **Easting:** 1090962.09 **GSE (ft. above msl):** 86.58 **Total Depth (ft bgs):** 470 ft. bgs **Initial Depth to Water (ft bgs):** 32 ft bgs **Field Screening Instrument:** MiniRAE 2000

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



Note:
ft = feet, est. = estimated
bgs = below ground surface
msl = mean sea level
GSE= ground surface elevation

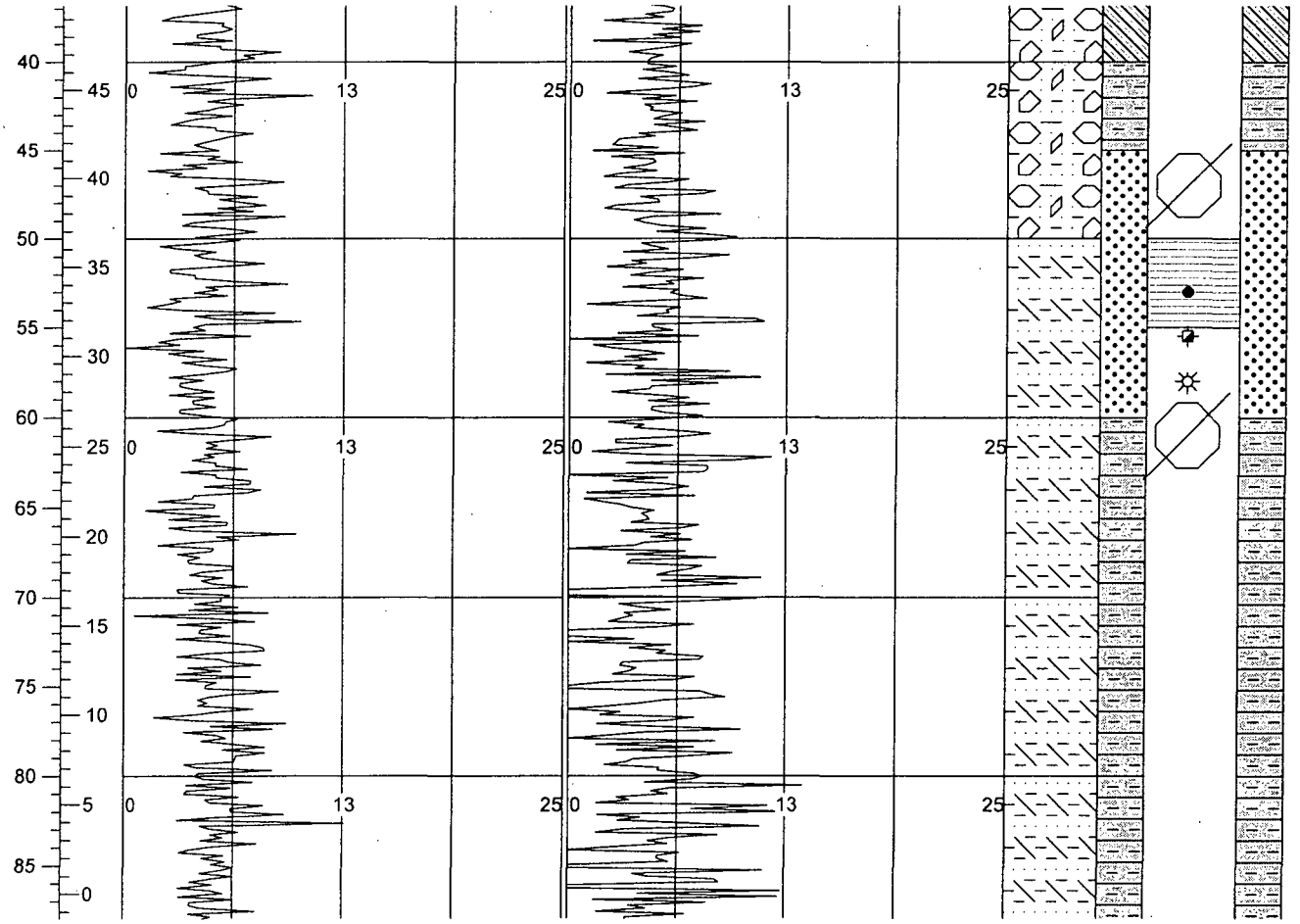
Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

301360

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



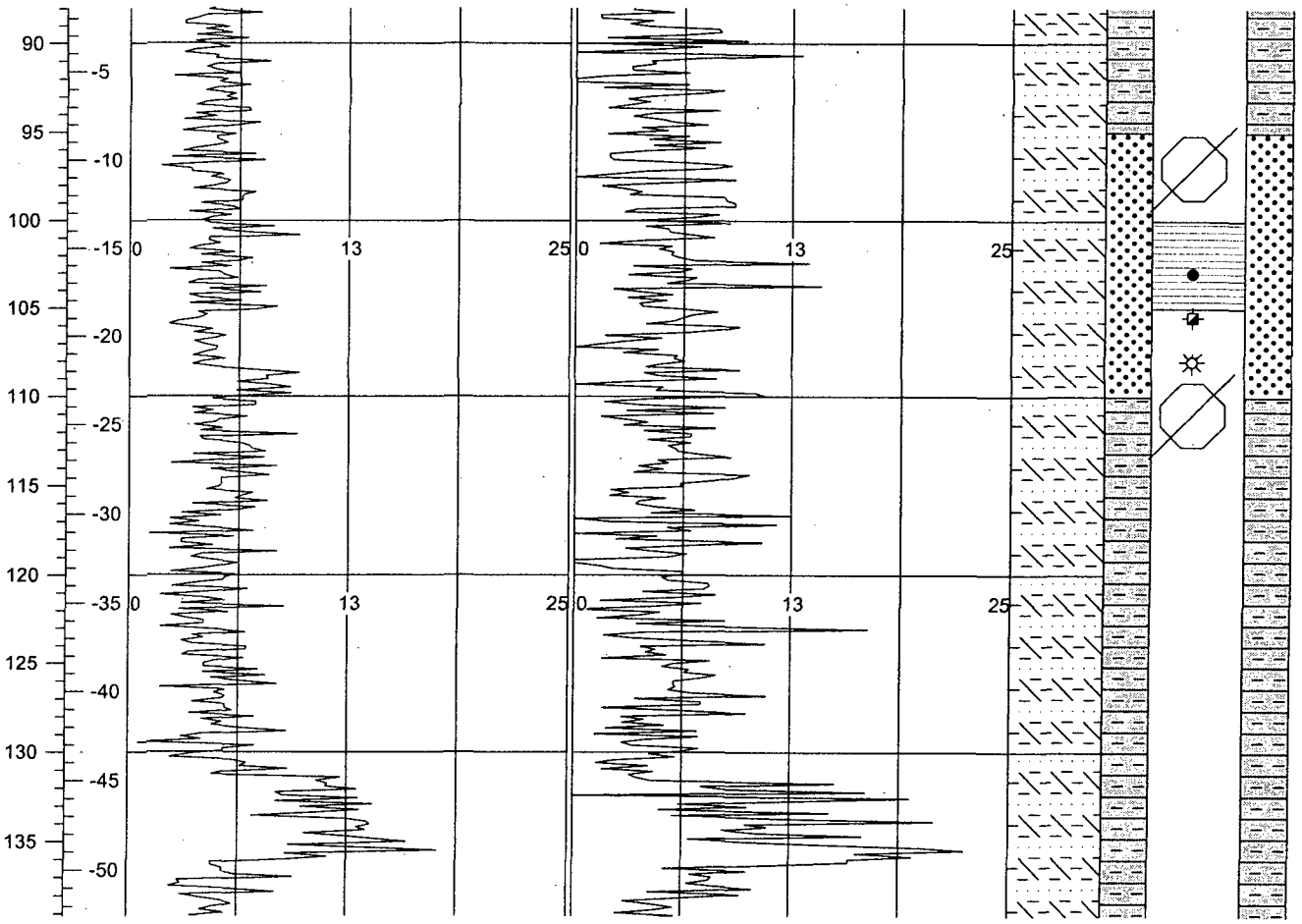
Note:
ft = feet, est. = estimated
bgs = below ground surface
msl = mean sea level
GSE= ground surface elevation

Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



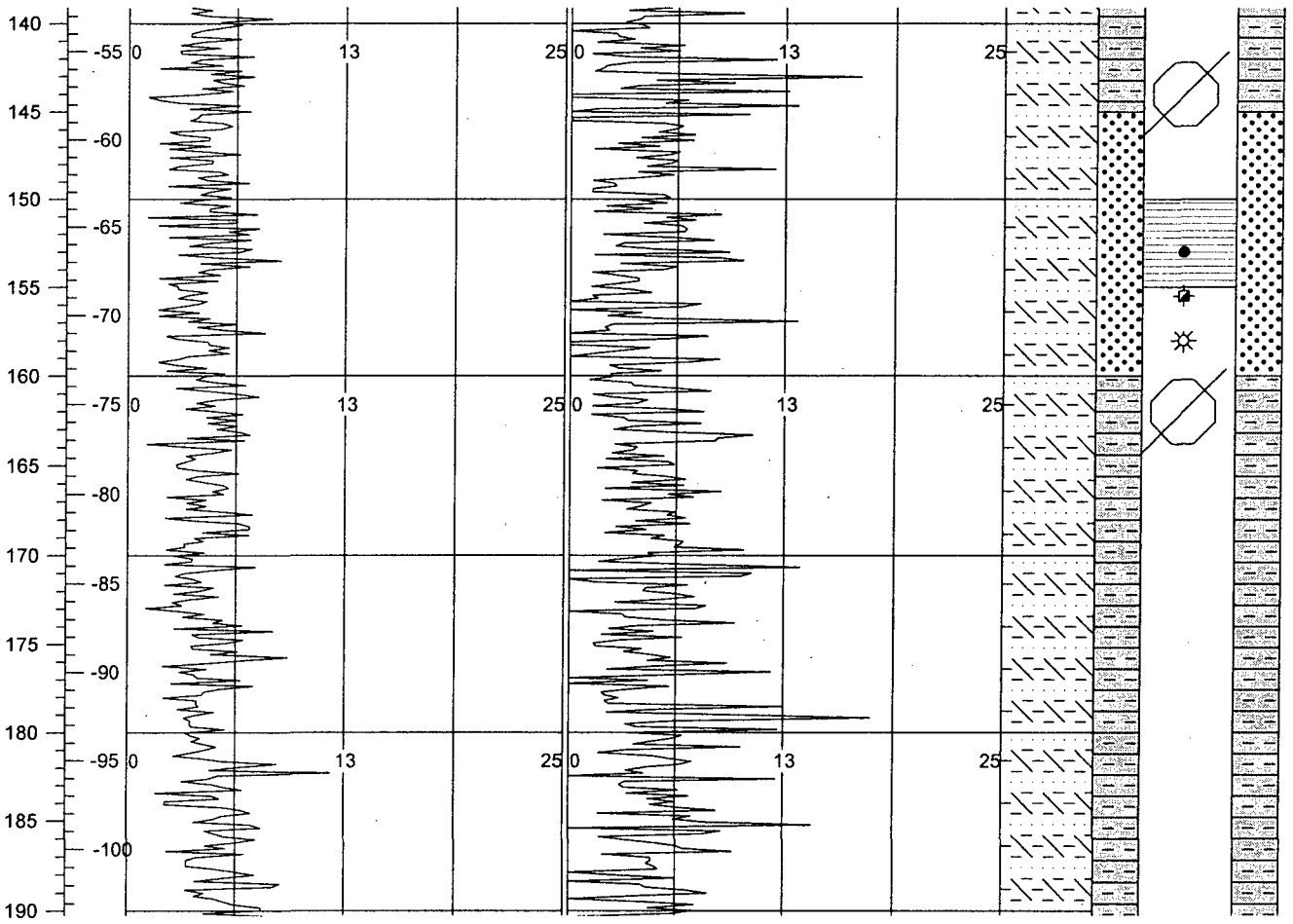
Note:
ft = feet, est. = estimated
bgs = below ground surface
msl = mean sea level
GSE= ground surface elevation

Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



Note:
ft = feet, est. = estimated
bgs = below ground surface
msl = mean sea level
GSE= ground surface elevation

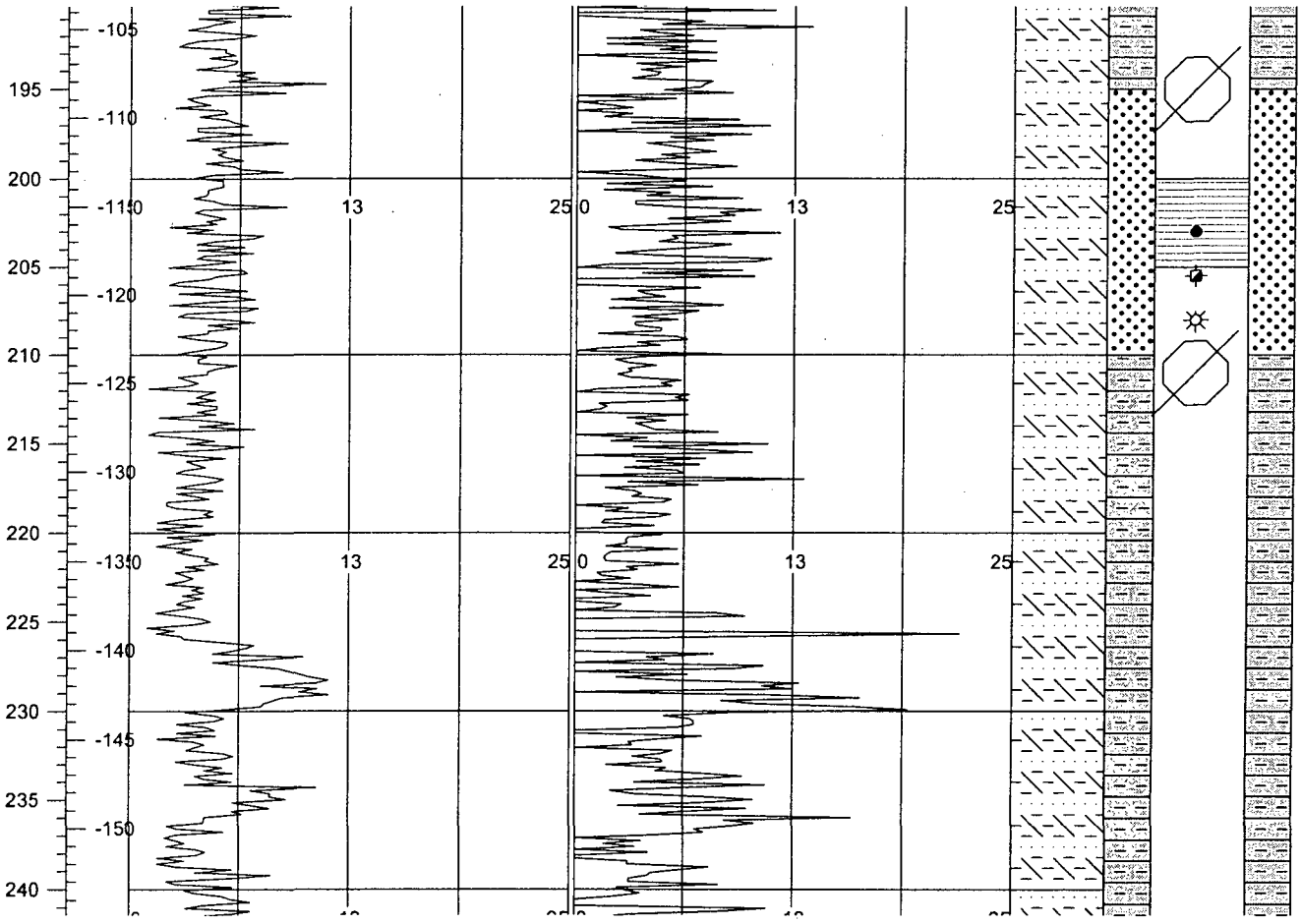
Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

301363

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



Note:
ft = feet, est. = estimated
bgs = below ground surface
msl = mean sea level
GSE= ground surface elevation

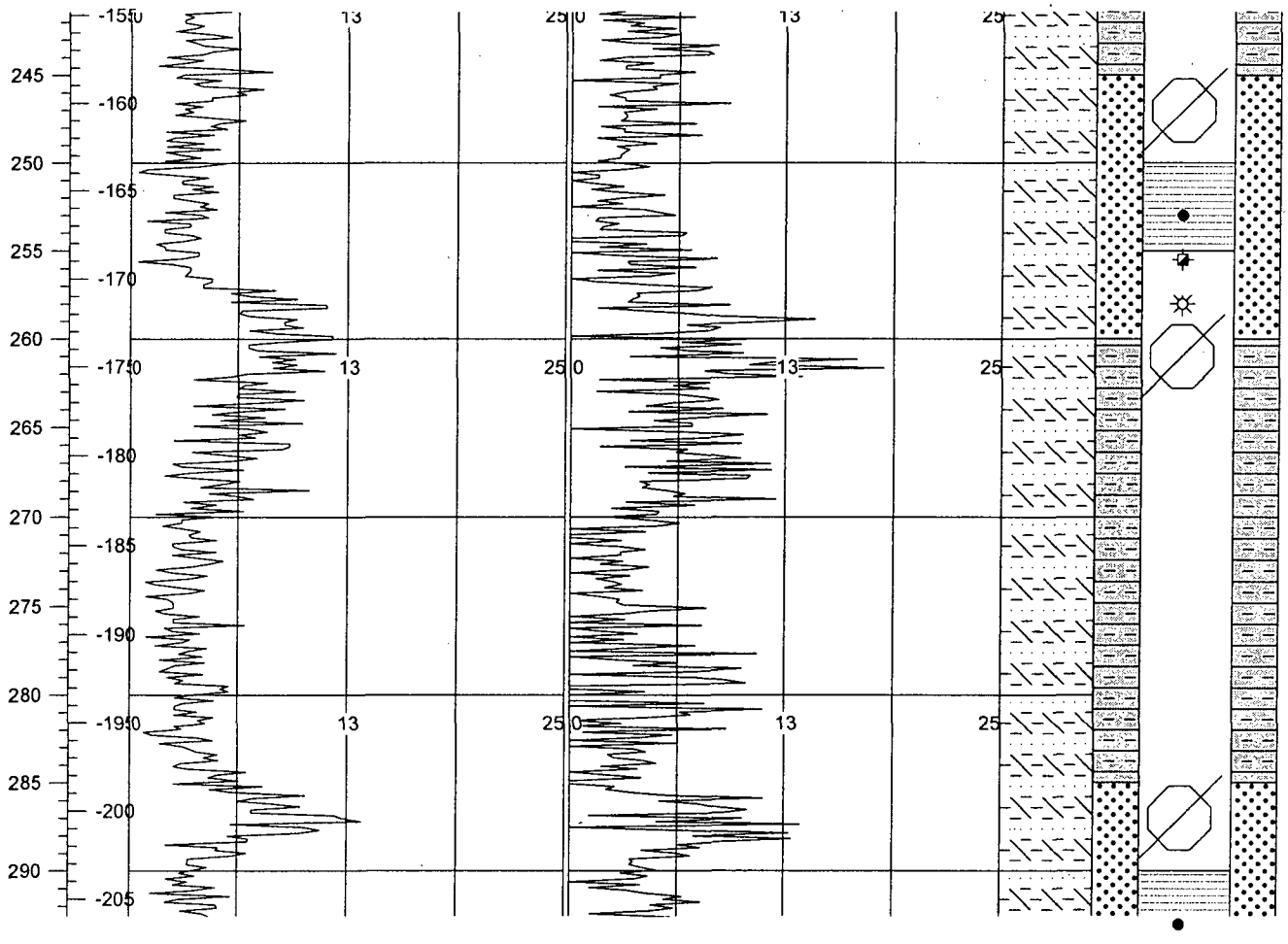
Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



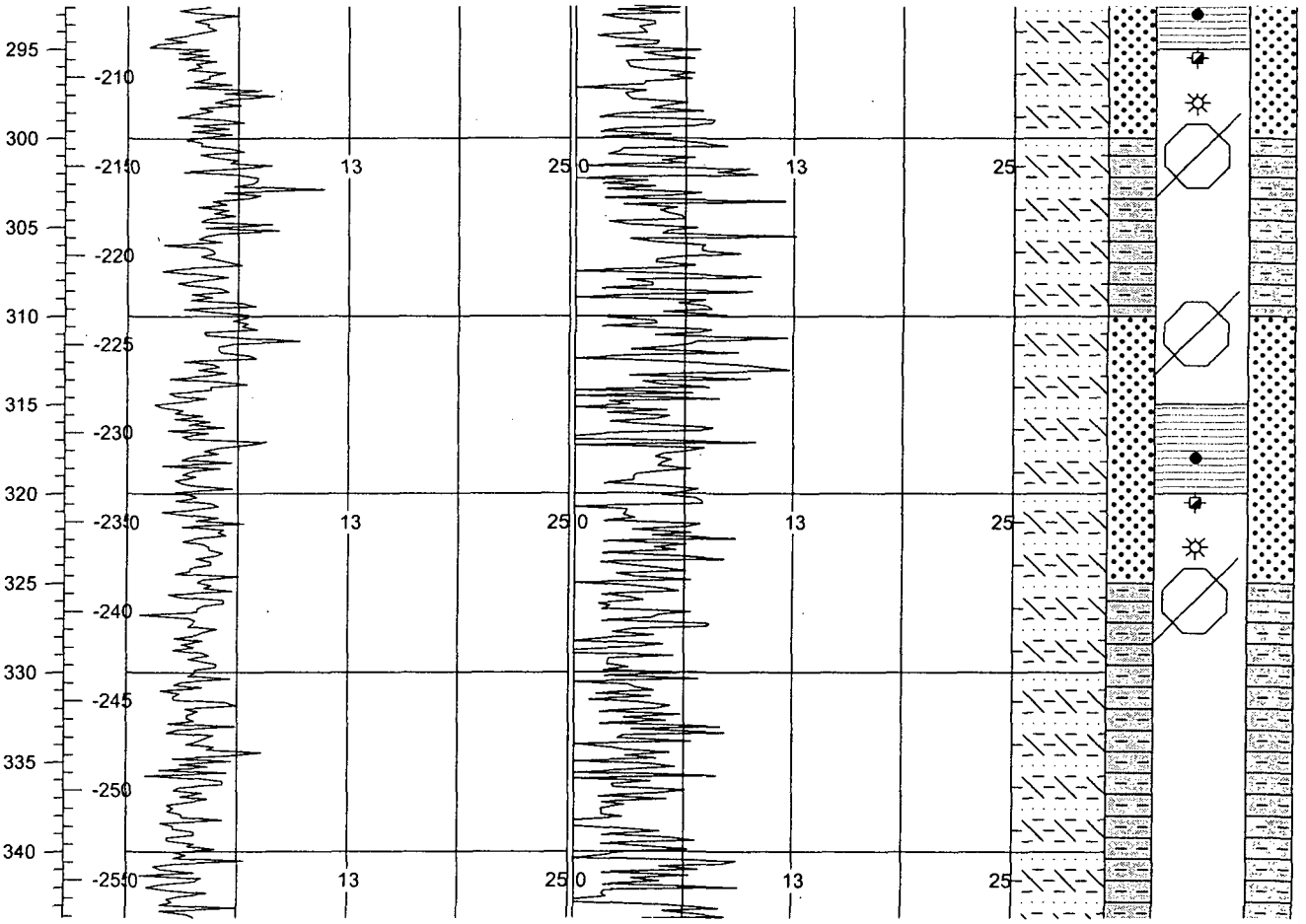
Note:
ft = feet, est. = estimated
bgs = below ground surface
msl = mean sea level
GSE= ground surface elevation

Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



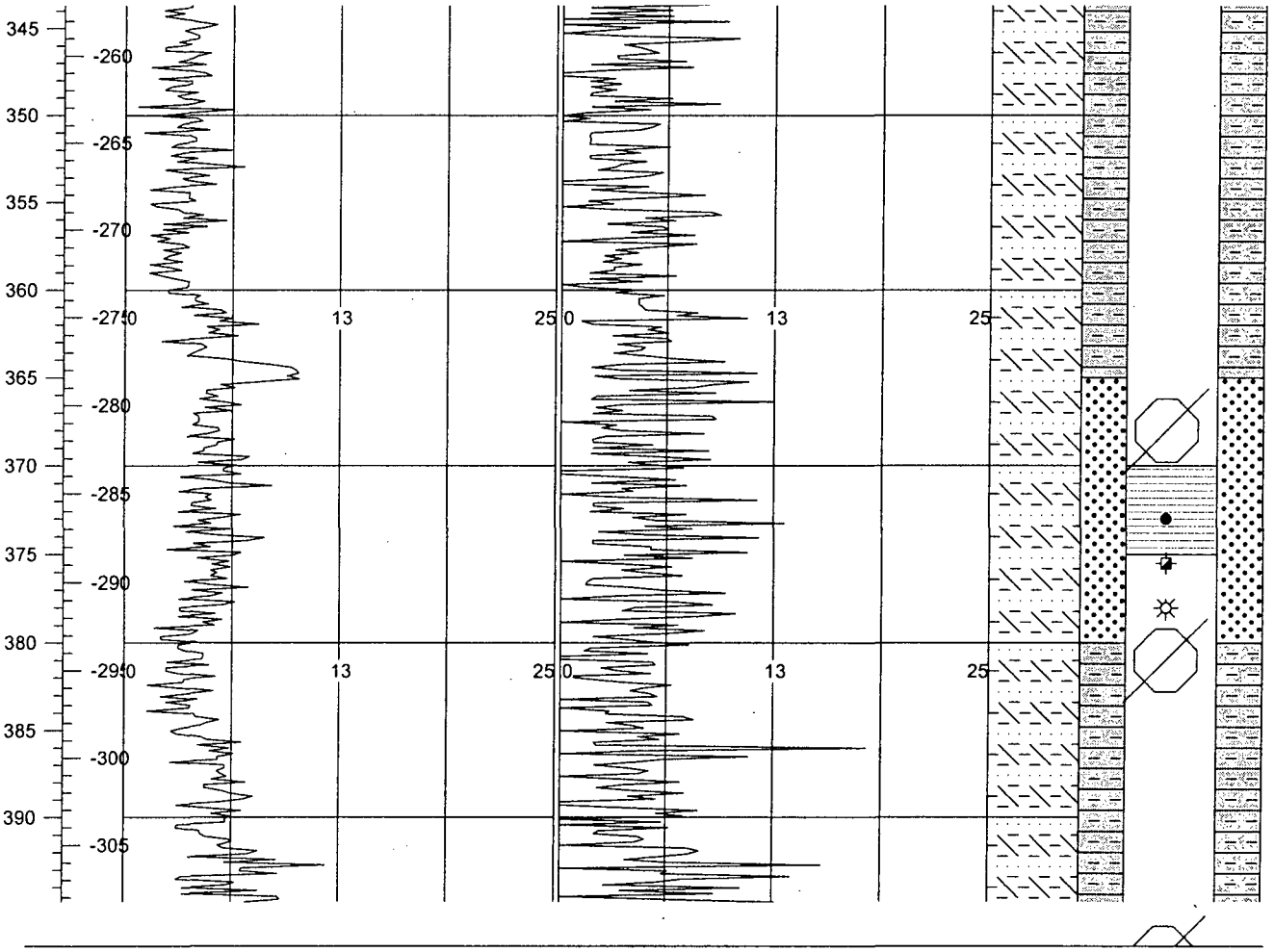
Note:
ft = feet, est. = estimated
bgs = below ground surface
msl = mean sea level
GSE= ground surface elevation

Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

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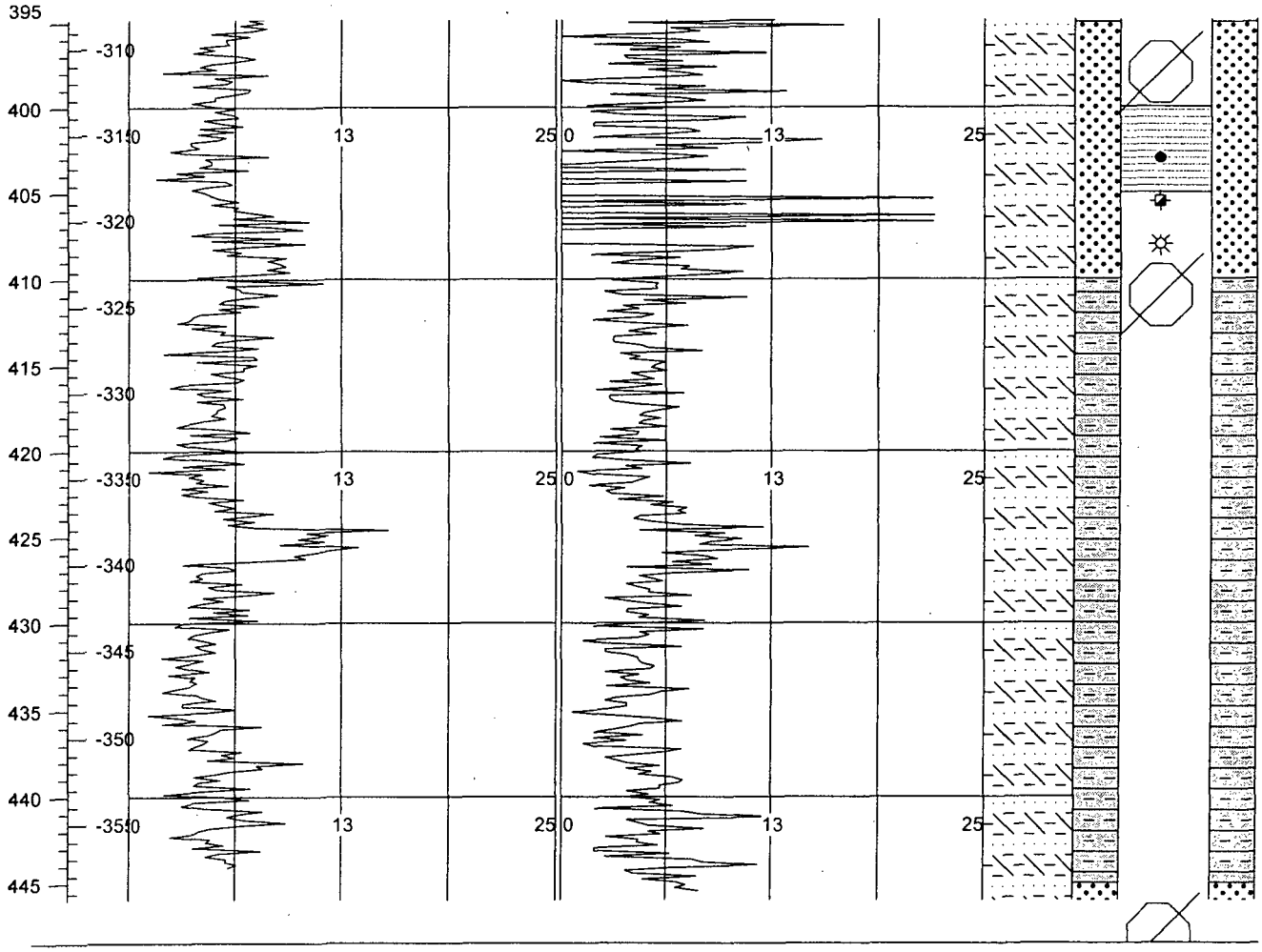
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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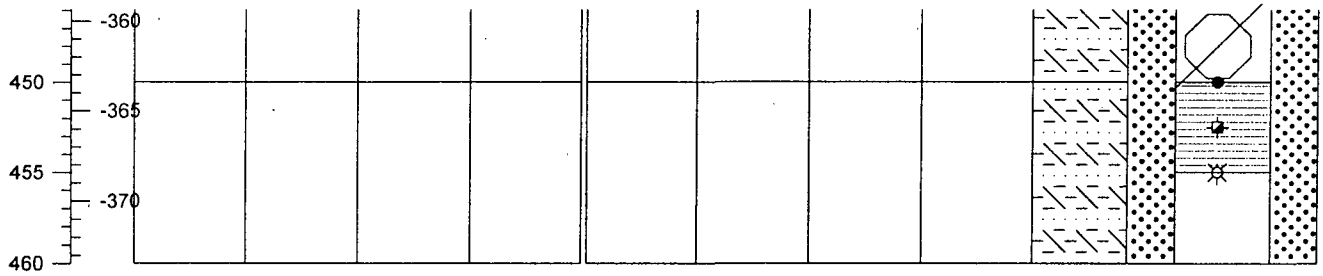
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-01 **Boring Location:** Macy's Furniture Lot
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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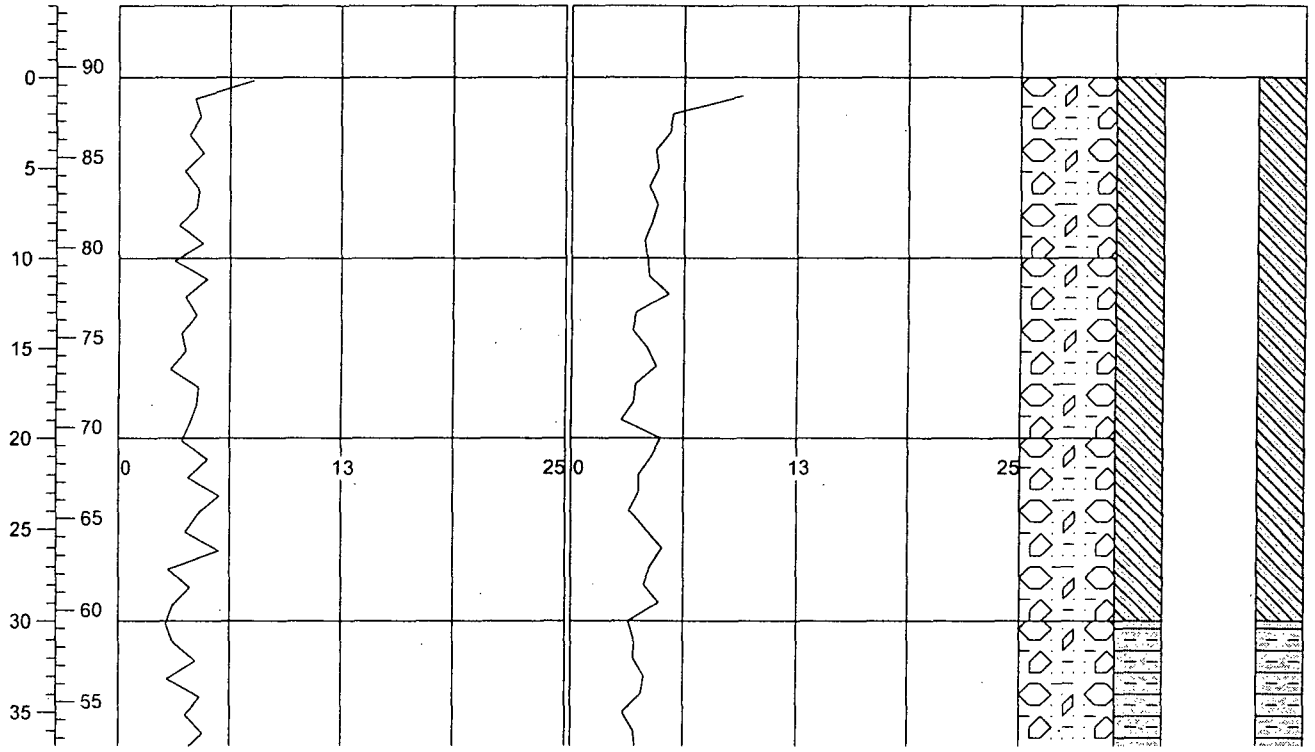
GSE= ground surface elevation

Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 (N-13638) **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146
Drilling Contractor: Aquifer Drilling & Testing (ADT) **Drilling Method:** Hollow Stem Auger **Sample Method:** Bladder Pump (groundwater screening) **Date Started:** 09/06/05 **Date Completed:** 03/10/06 **Logged By:** Tonya M. Bennett (CDM)	**Northing:** 208864.68 **Easting:** 1090579.88 **GSE (ft. above msl):** 89.39 **Total Depth (ft bgs):** 464 ft. bgs **Initial Depth to Water (ft bgs):** 37 ft bgs **Field Screening Instrument:** MiniRAE 2000



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Vertical Datum: NGVD 88
Units: feet bgs

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- Magnetic Collar
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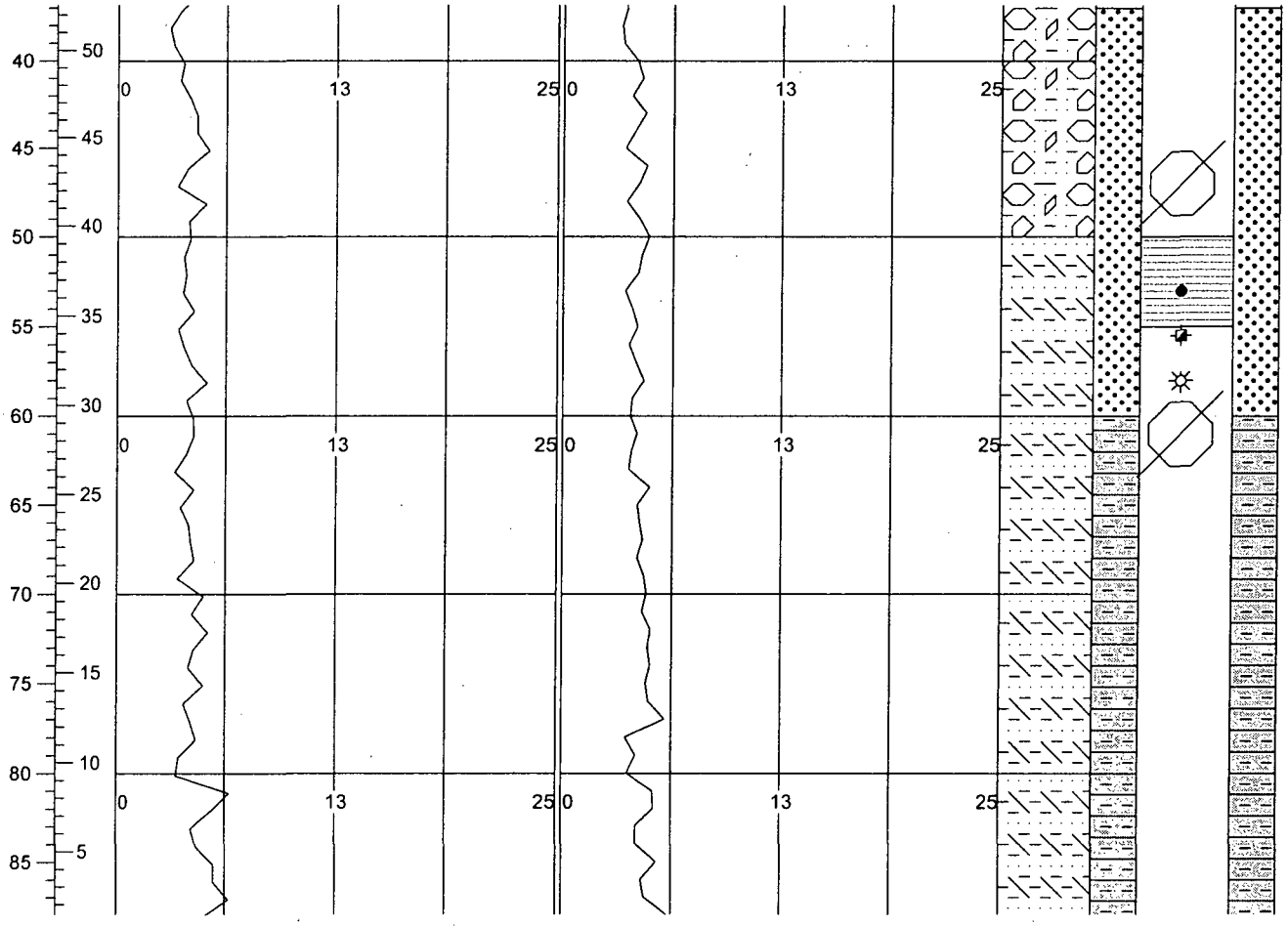
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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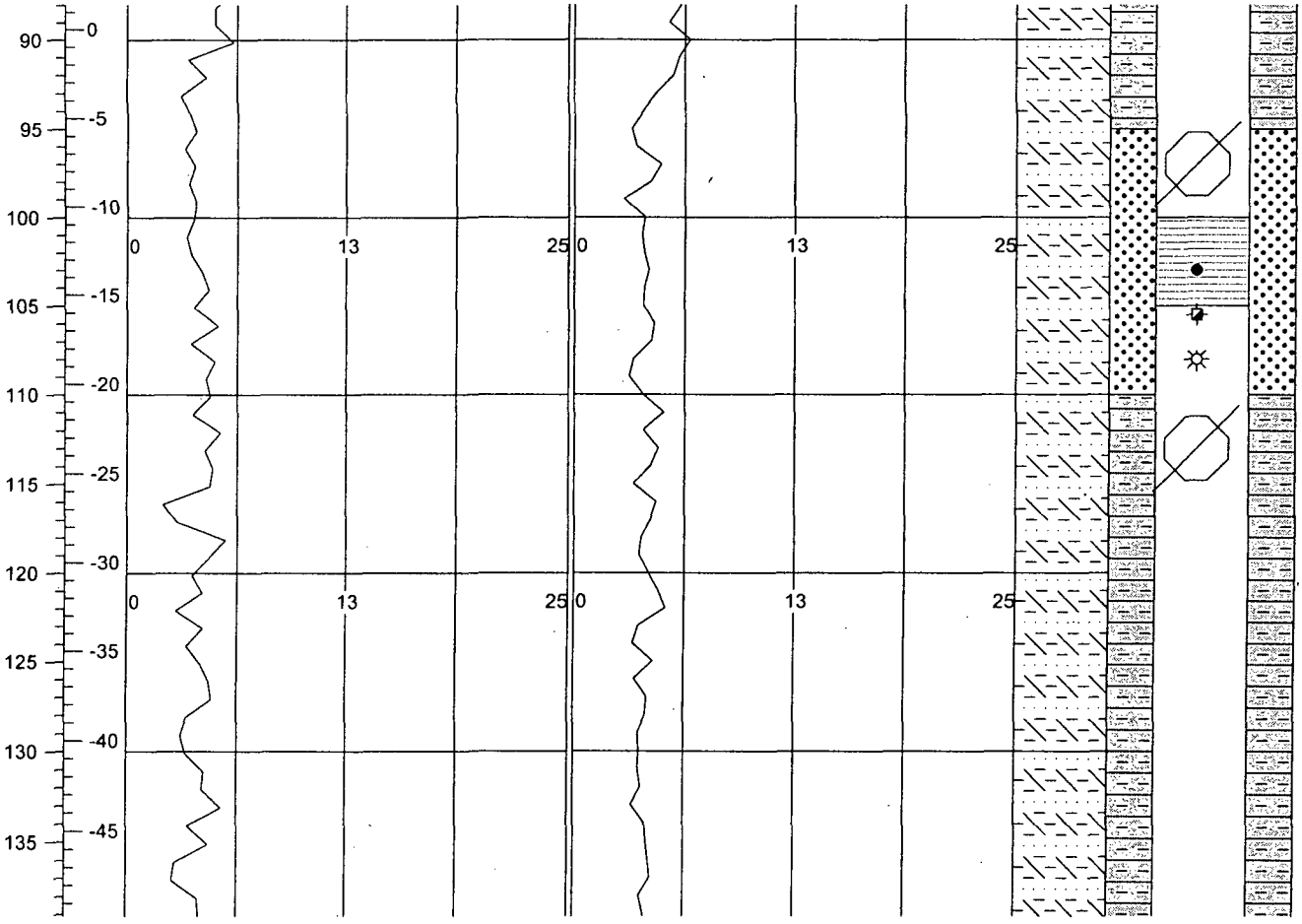
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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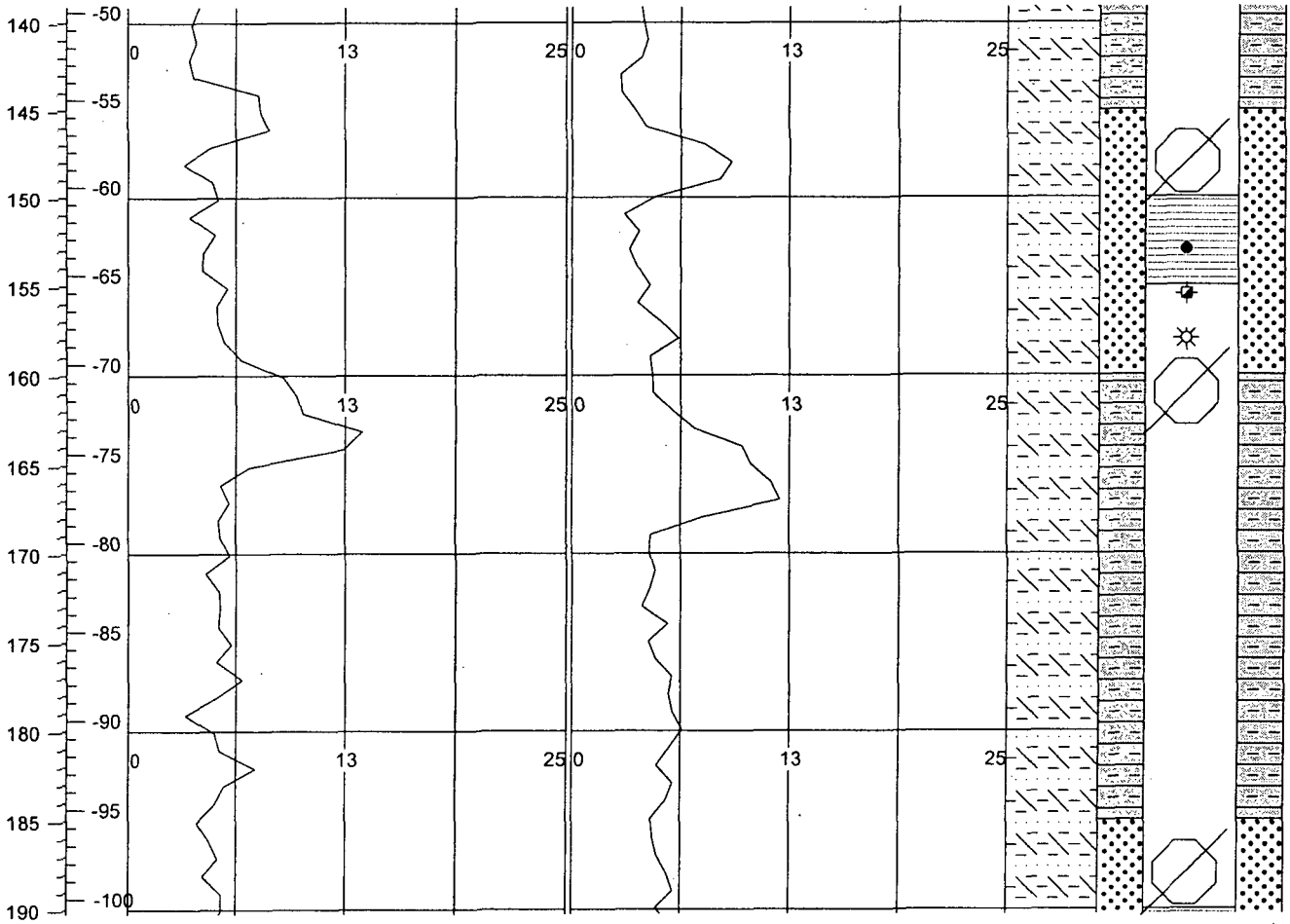
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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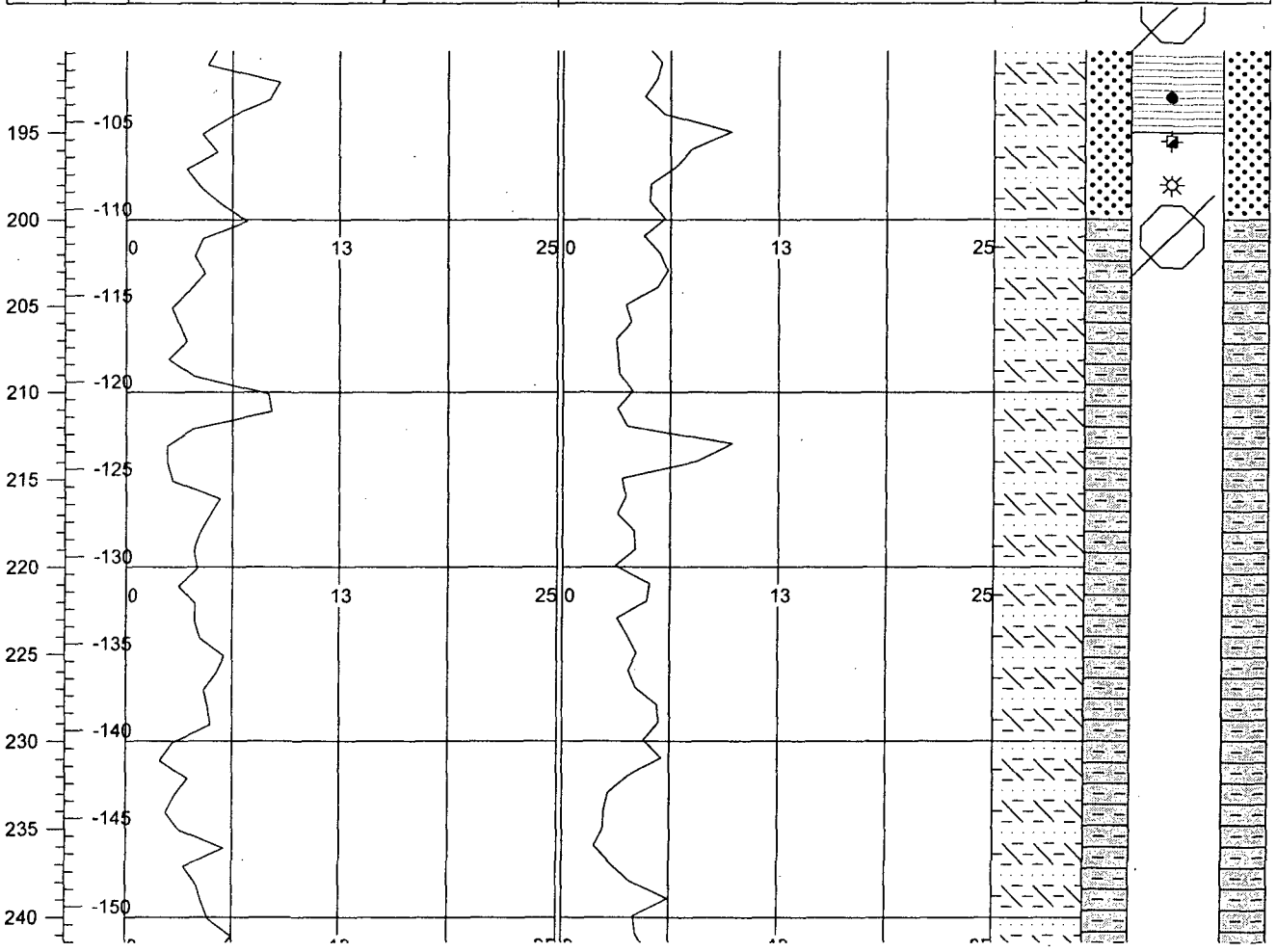
CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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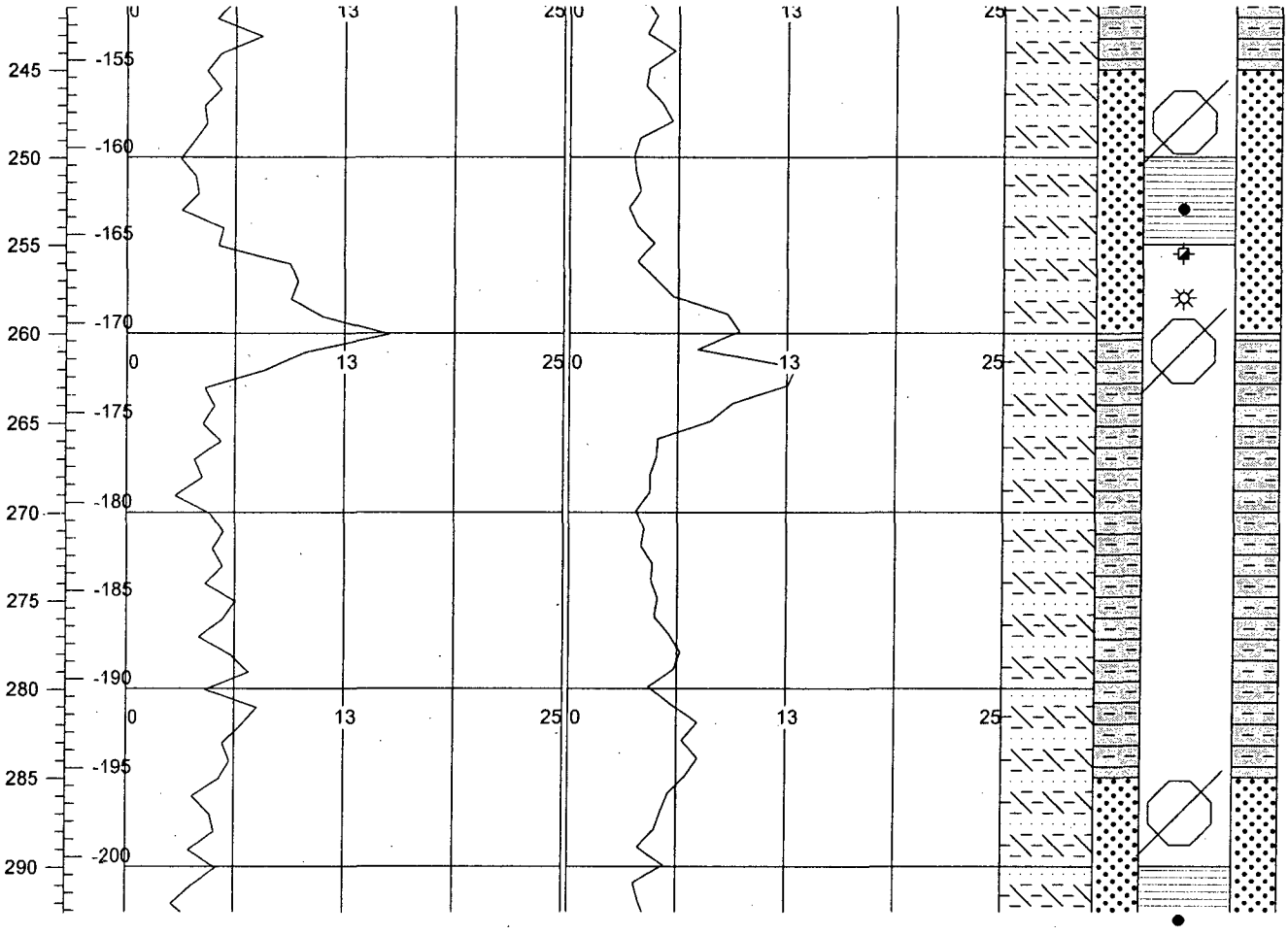
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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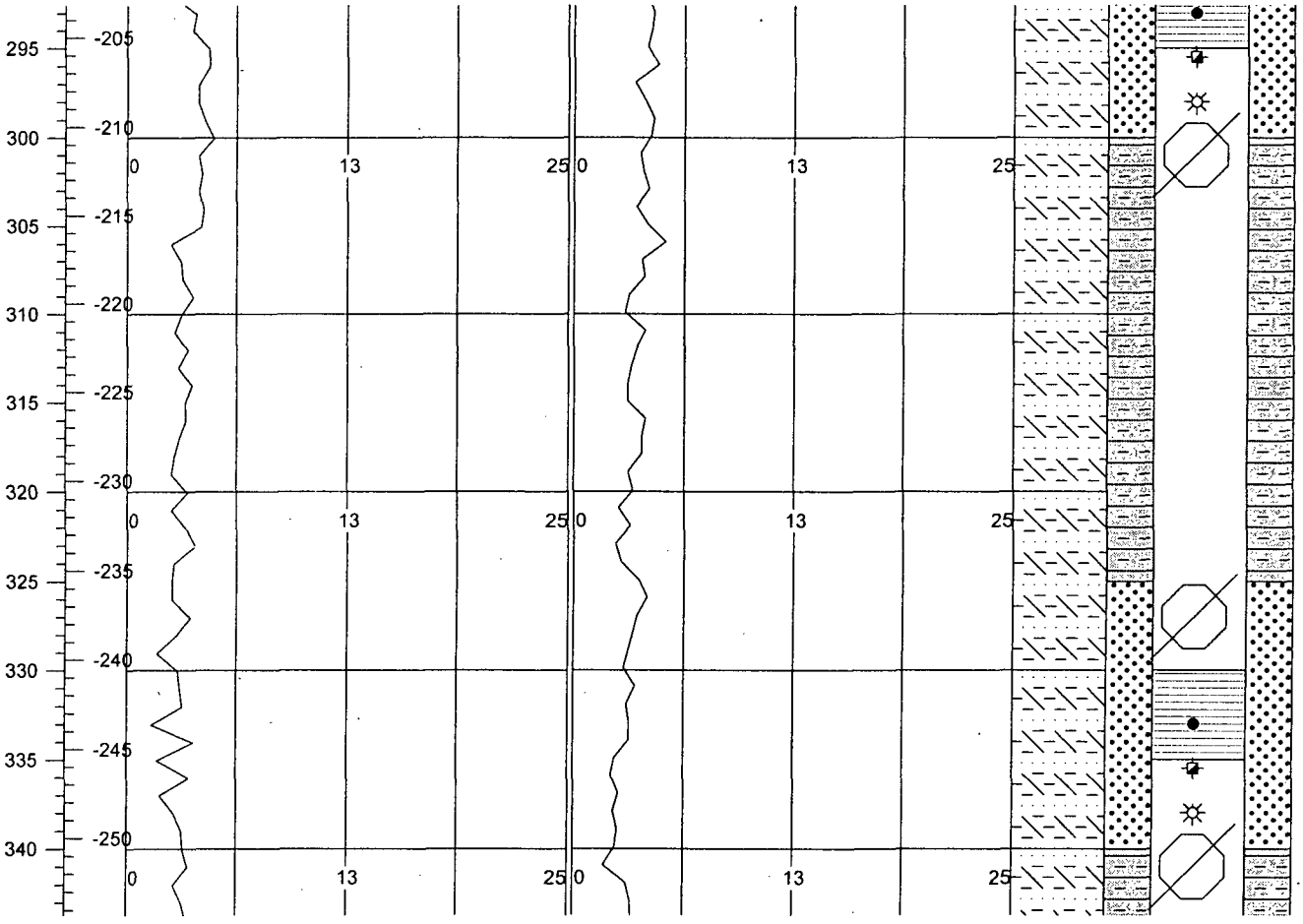
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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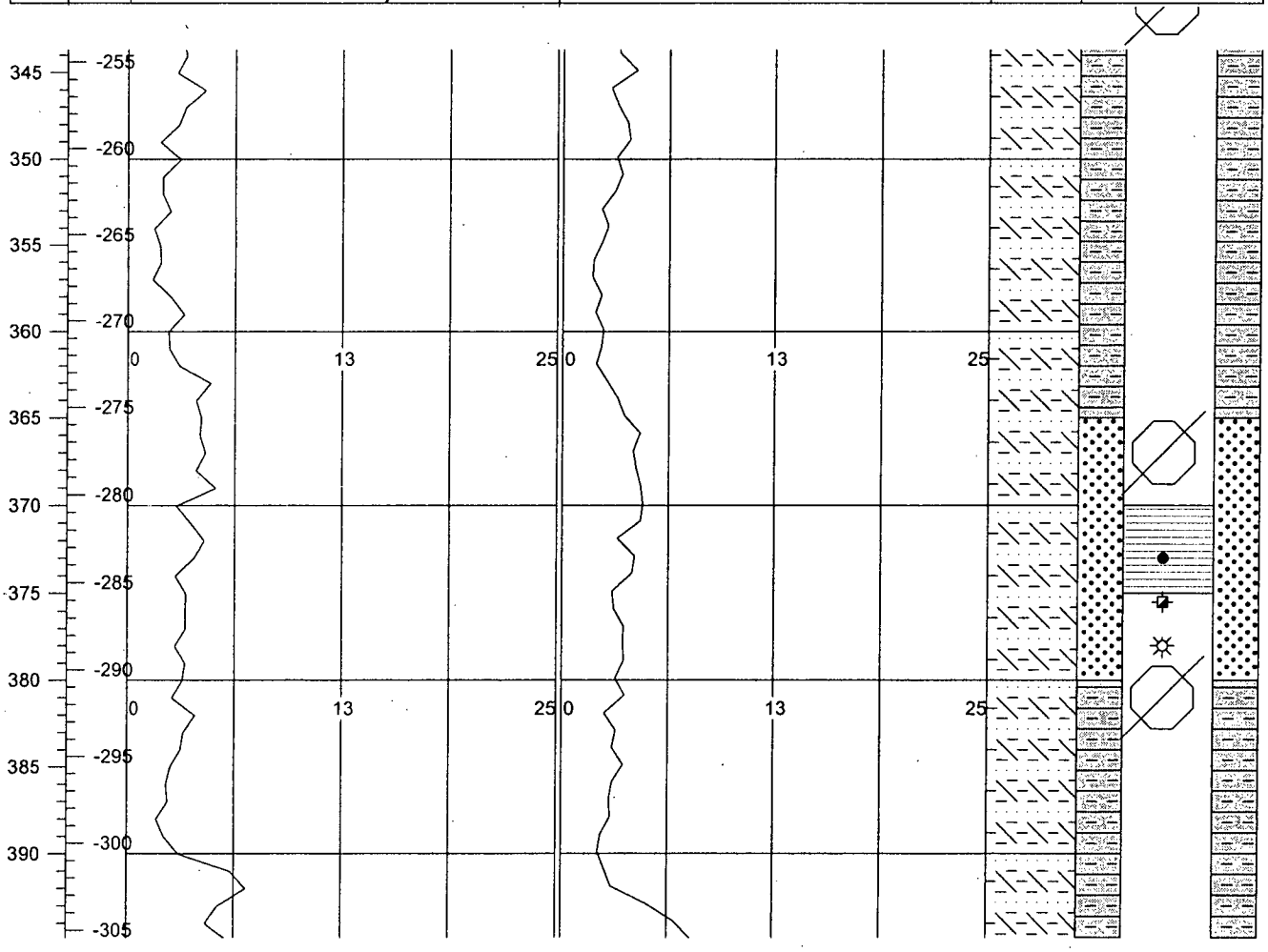
CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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- #1 Sand Filter Pack
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- Bentonite/Sand Seal
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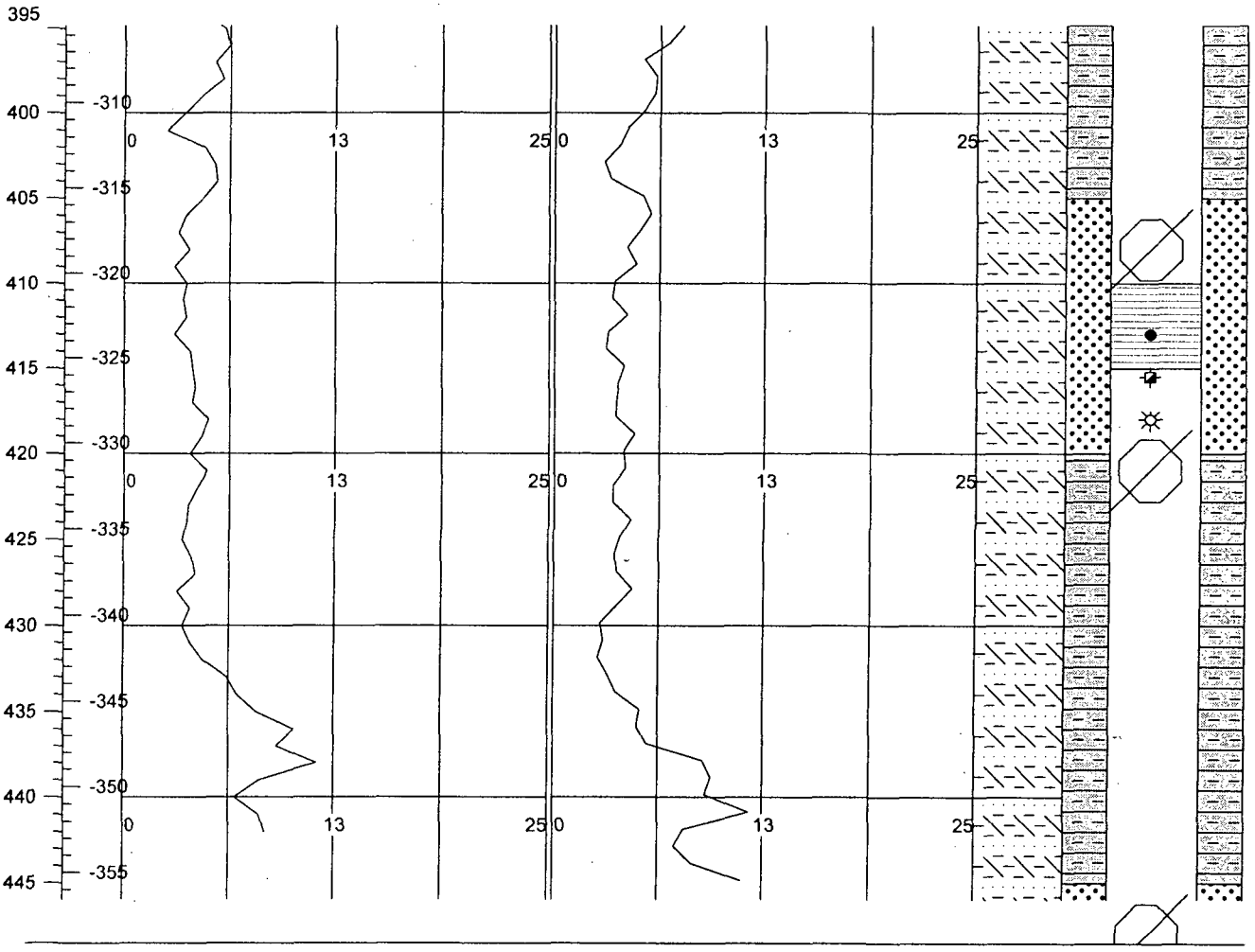
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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- #1 Sand Filter Pack
- Glacial Outwash
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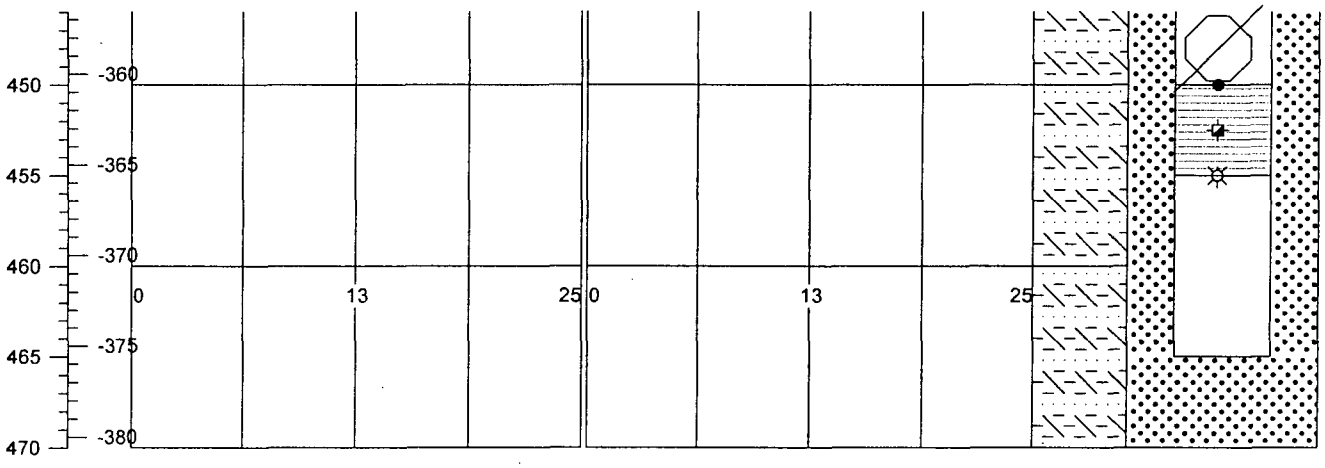
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-02 **Boring Location:** 100 Ring Road
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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Well Construction Materials Symbol Key

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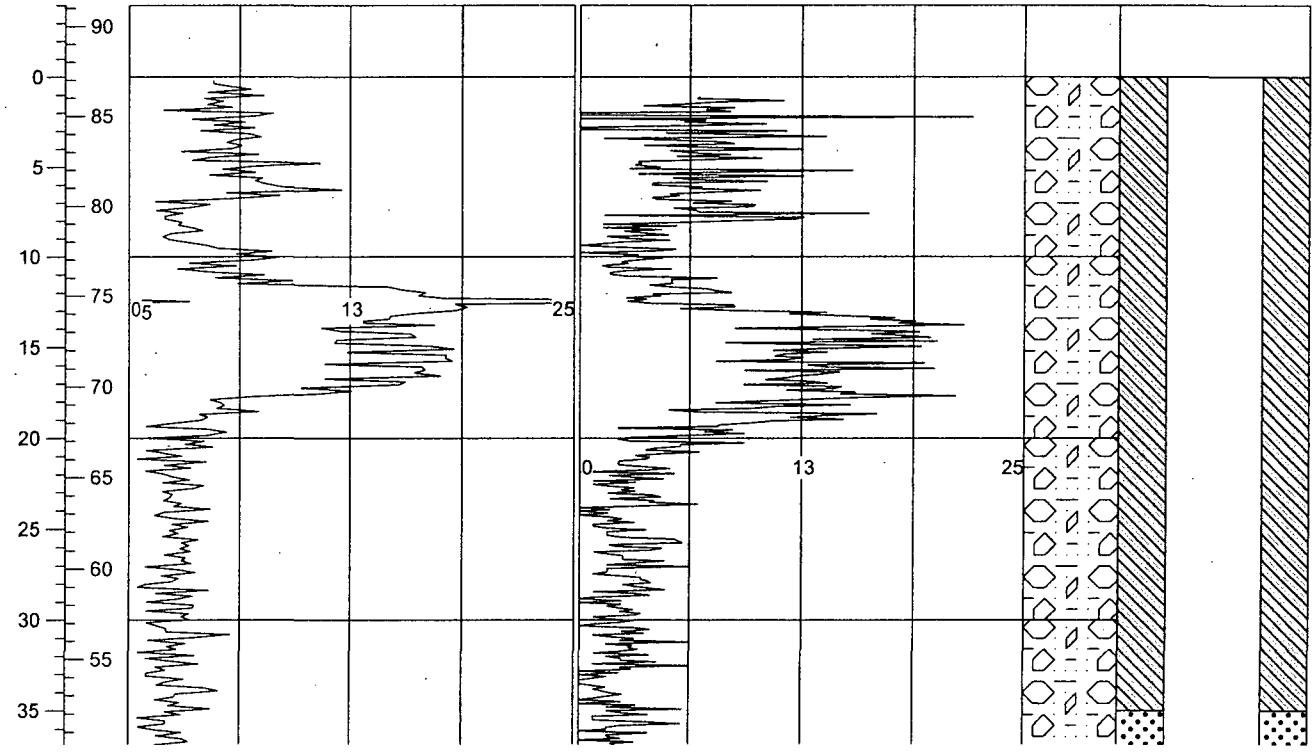
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 (N-13639) **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146
Drilling Contractor: Aquifer Drilling & Testing (ADT) **Drilling Method:** Hollow Stem Auger **Sample Method:** Bladder Pump (groundwater screening) **Date Started:** 08/09/05 **Date Completed:** 03/16/06 **Logged By:** Tonya M. Bennett (CDM)	**Northing:** 208444.96 **Easting:** 1090907.74 **GSE (ft. above msl):** 87.17 **Total Depth (ft bgs):** 465 ft bgs **Initial Depth to Water (ft bgs):** 36.80 ft bgs **Field Screening Instrument:** MiniRAE 2000



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Vertical Datum: NGVD 88
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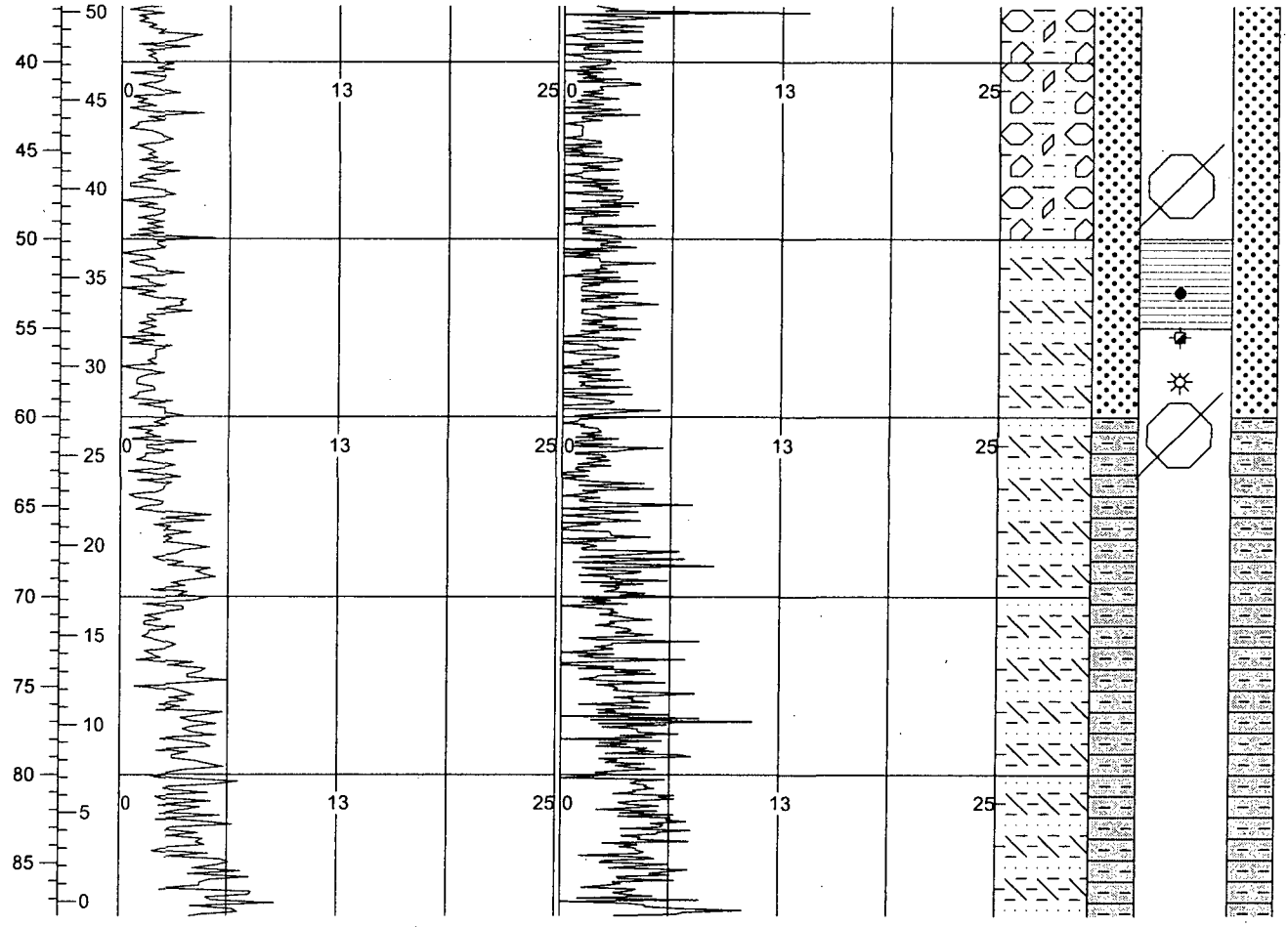
Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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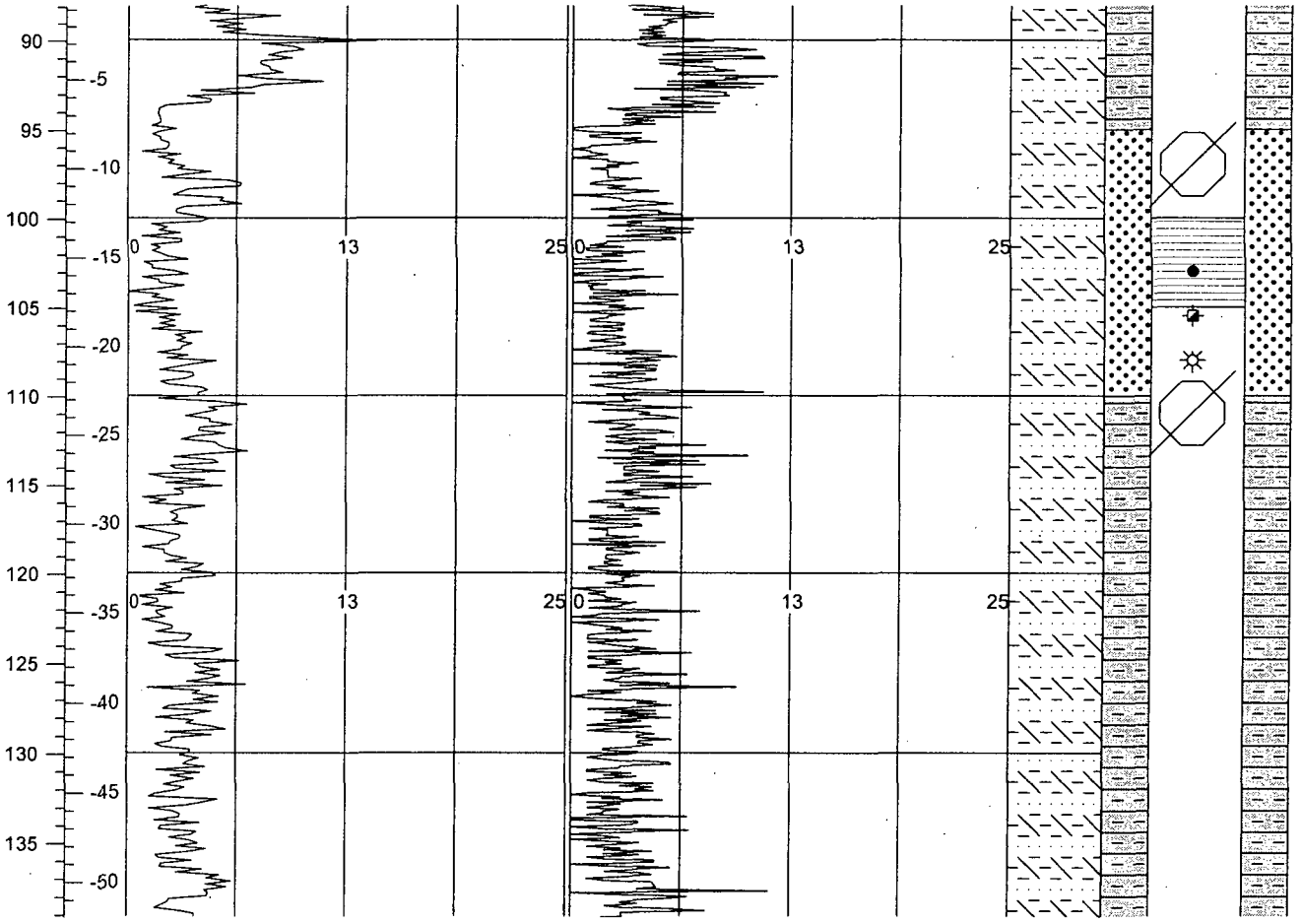
Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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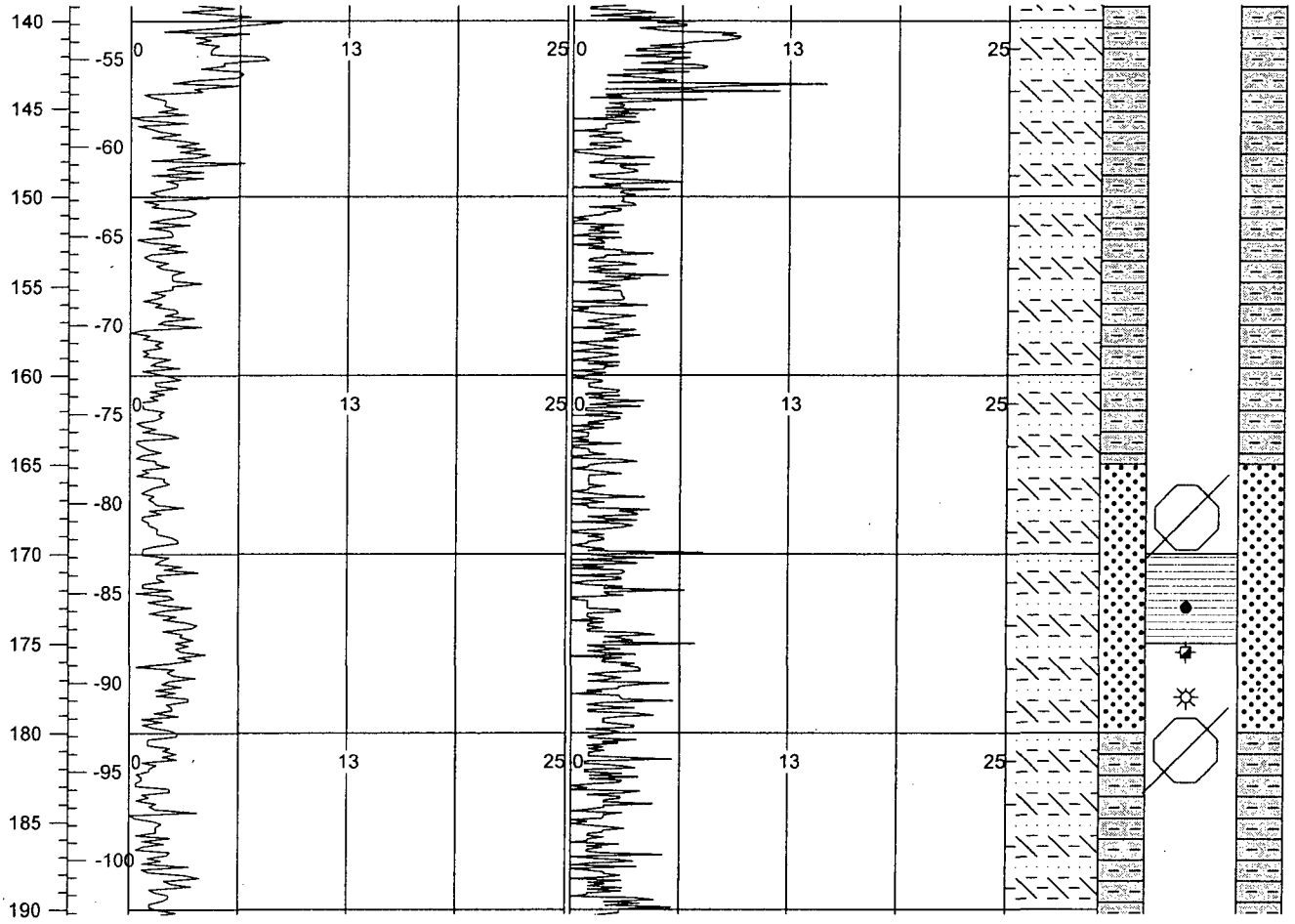
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

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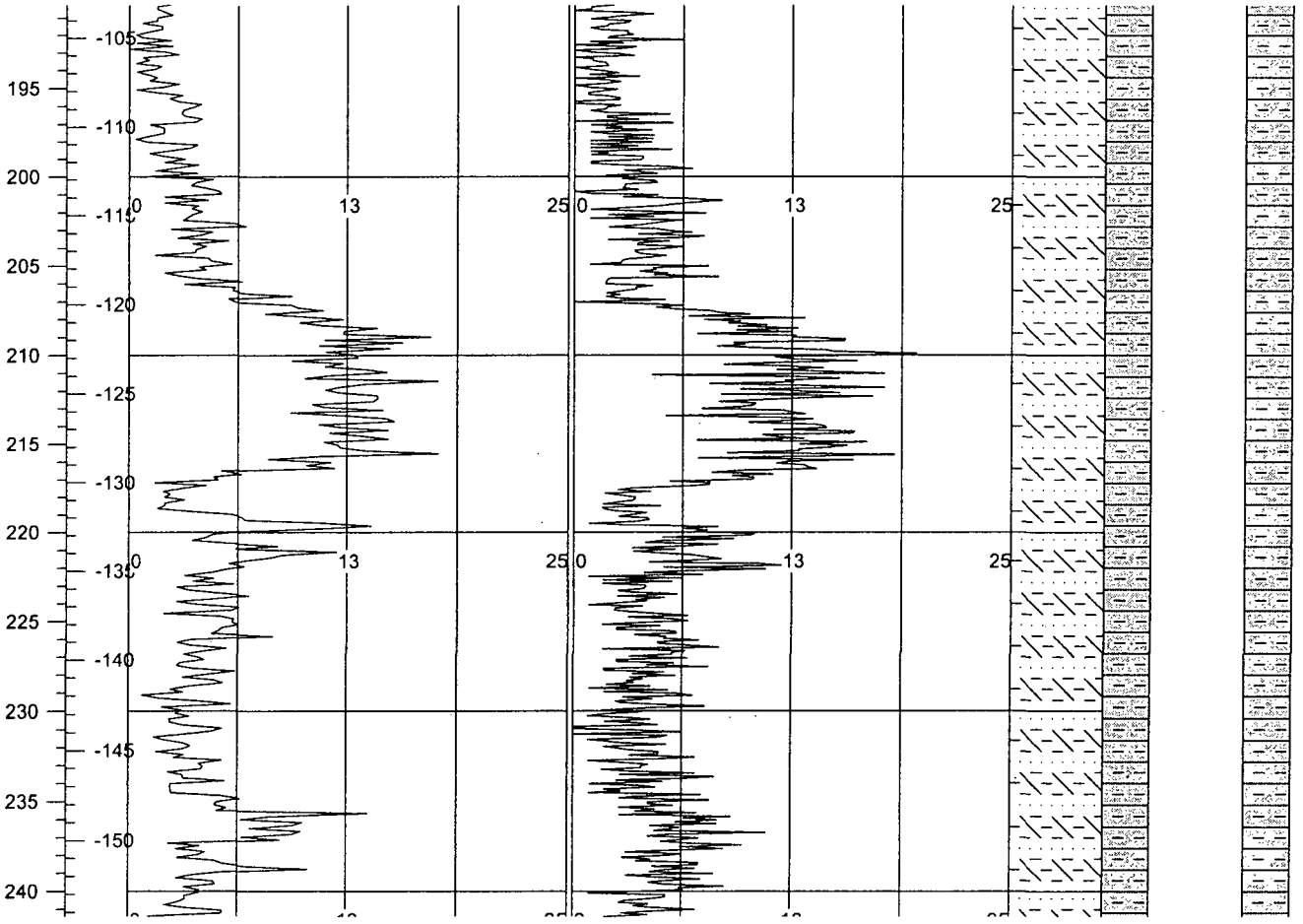
CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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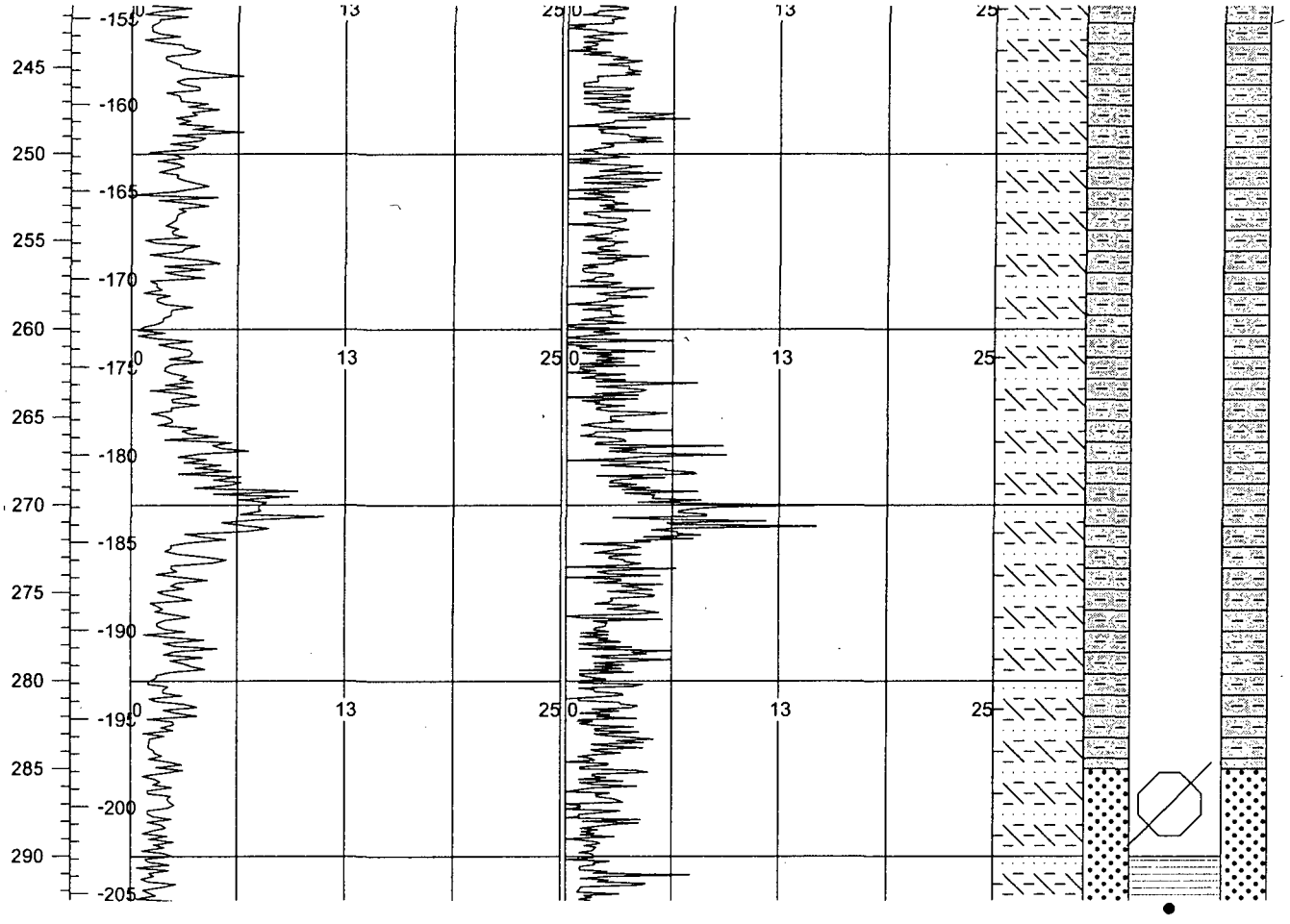
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



Note:
ft = feet, est. = estimated
bgs = below ground surface
msl = mean sea level
GSE= ground surface elevation

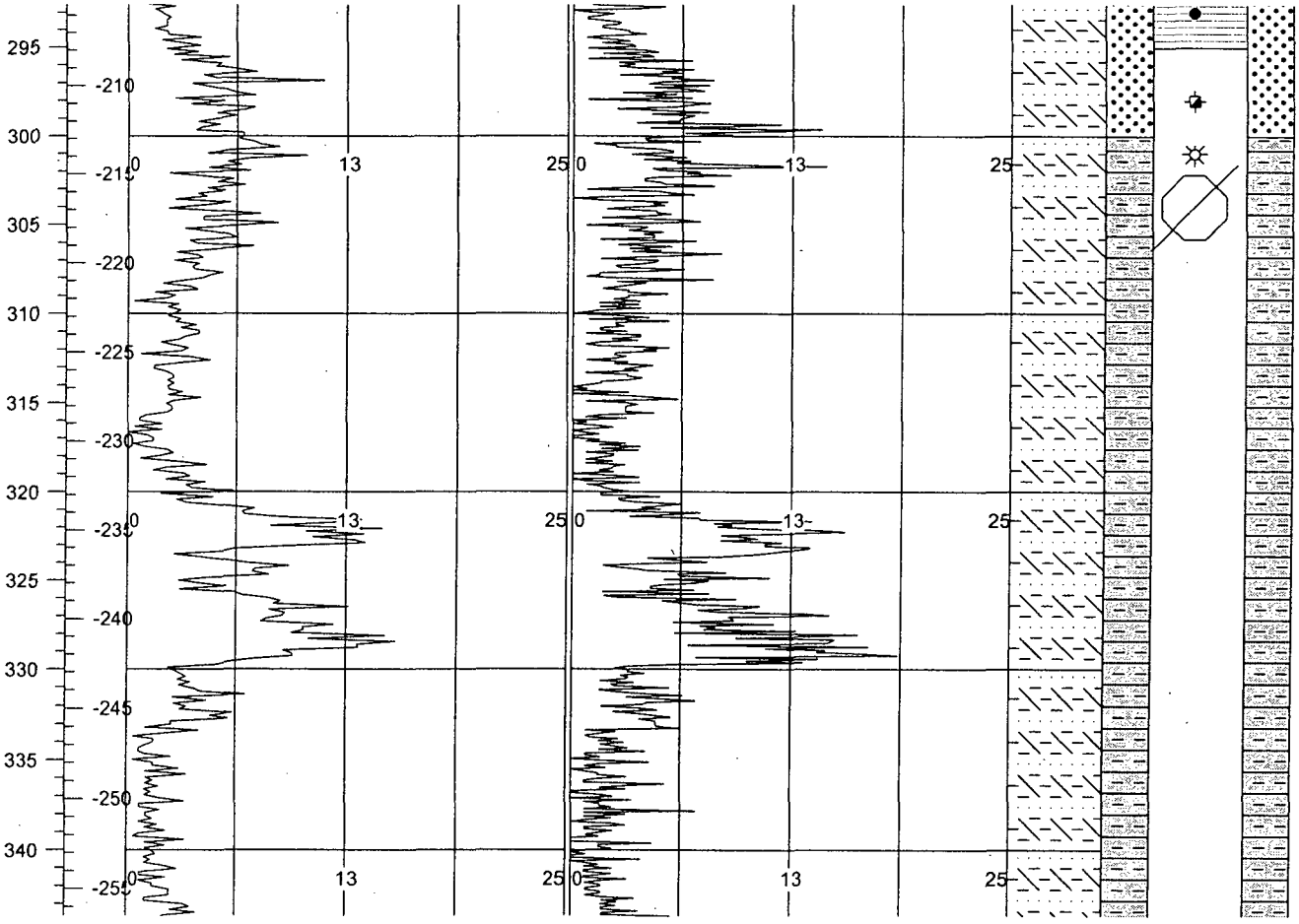
Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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Vertical Datum: NGVD 88
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Well Construction Materials Symbol Key

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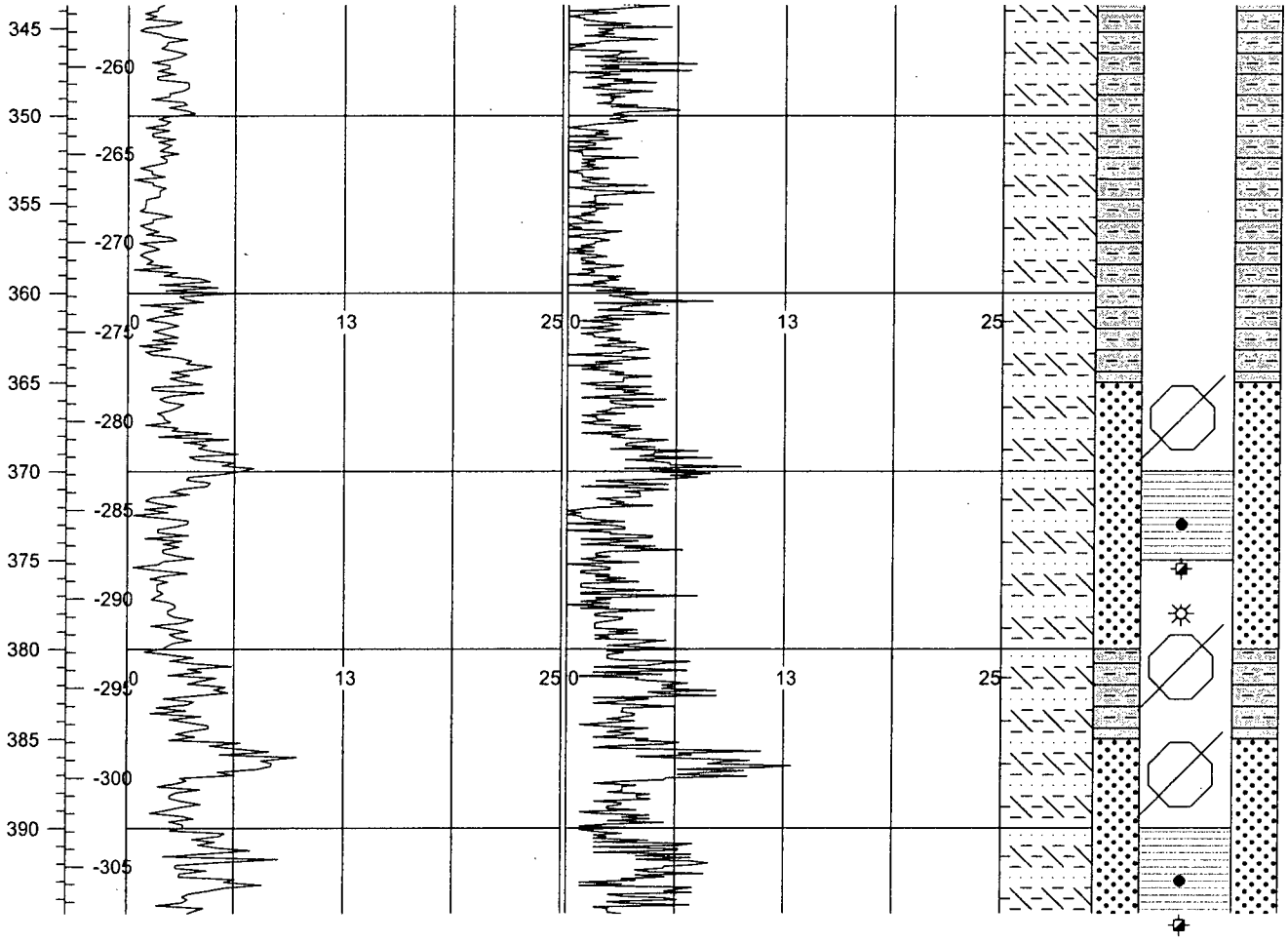
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

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- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

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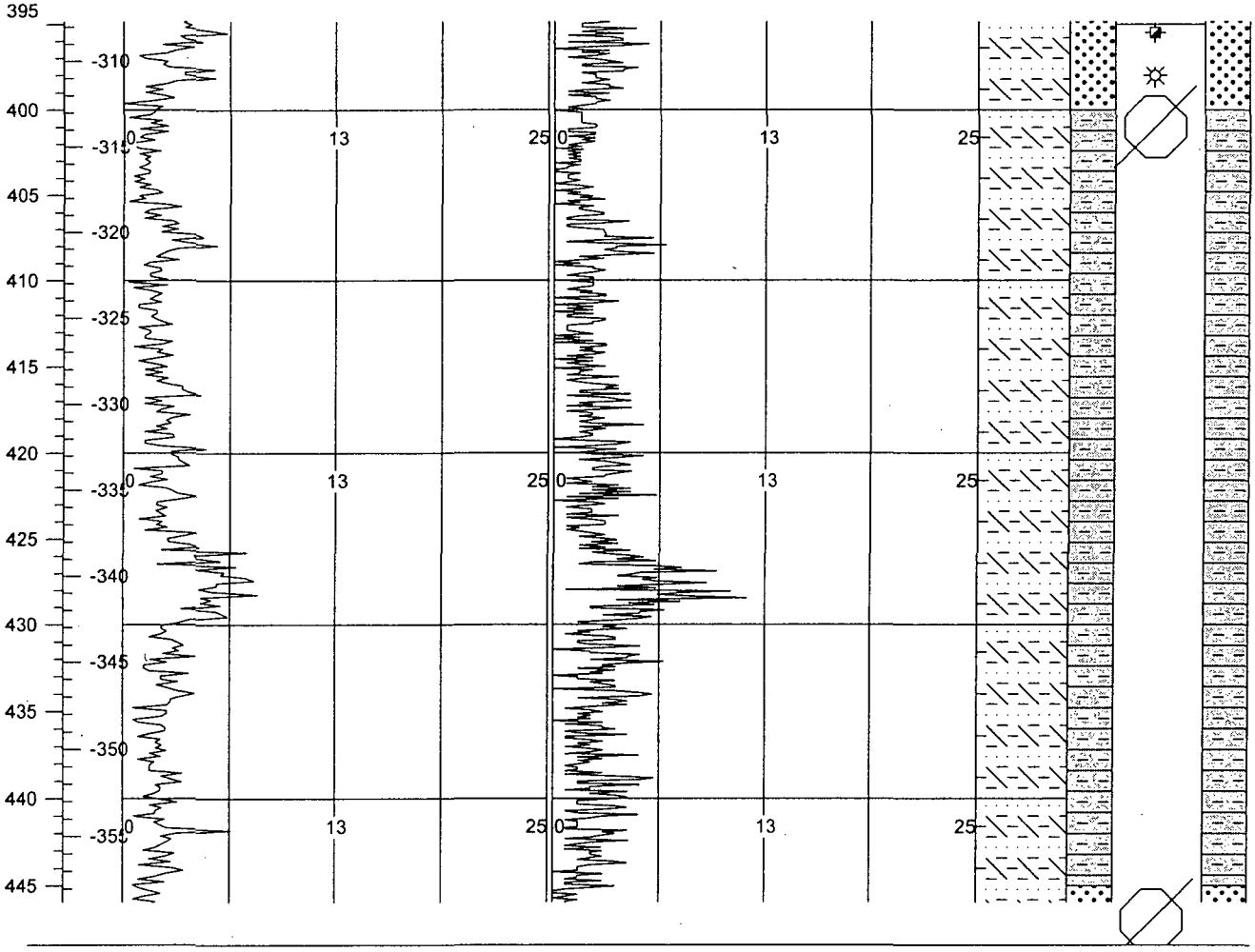
CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

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- Magothy Formation
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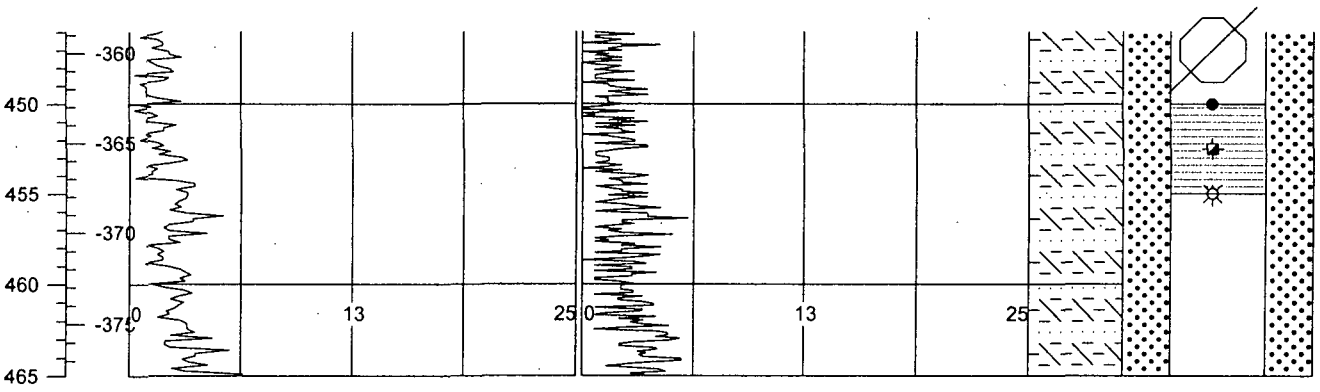
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-03 **Boring Location:** Mall Parking Lot (West)
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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Well Construction Materials Symbol Key

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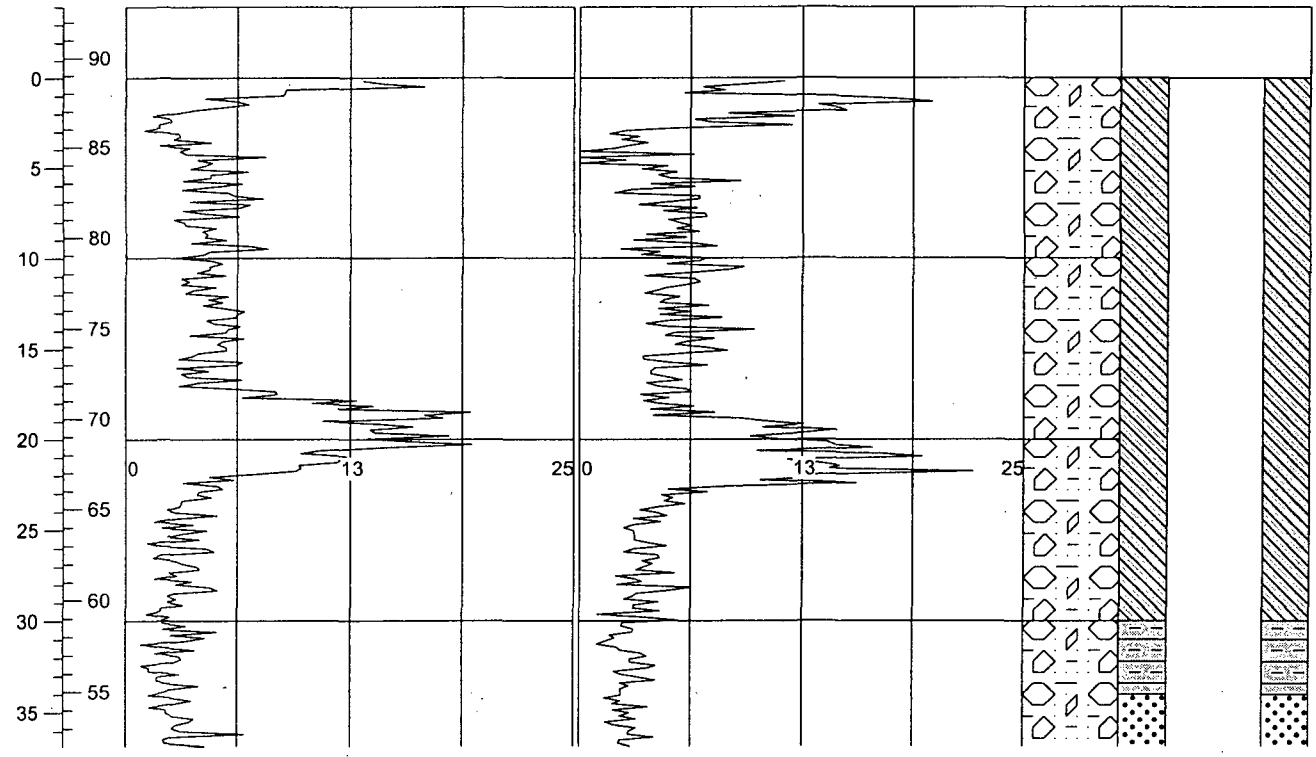
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-04 (N-13640) **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146
Drilling Contractor: Aquifer Drilling & Testing (ADT) **Drilling Method:** Hollow Stem Auger **Sample Method:** Bladder Pump (groundwater screening) **Date Started:** 07/05/05 **Date Completed:** 03/13/06 **Logged By:** Tonya M. Bennett (CDM)	**Northing:** 208361.65 **Easting:** 1090186.16 **GSE (ft. above msl):** 88.85 **Total Depth (ft bgs):** 440 ft bgs **Initial Depth to Water (ft bgs):** 36.80 ft bgs **Field Screening Instrument:** MiniRAE 2000



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GSE= ground surface elevation

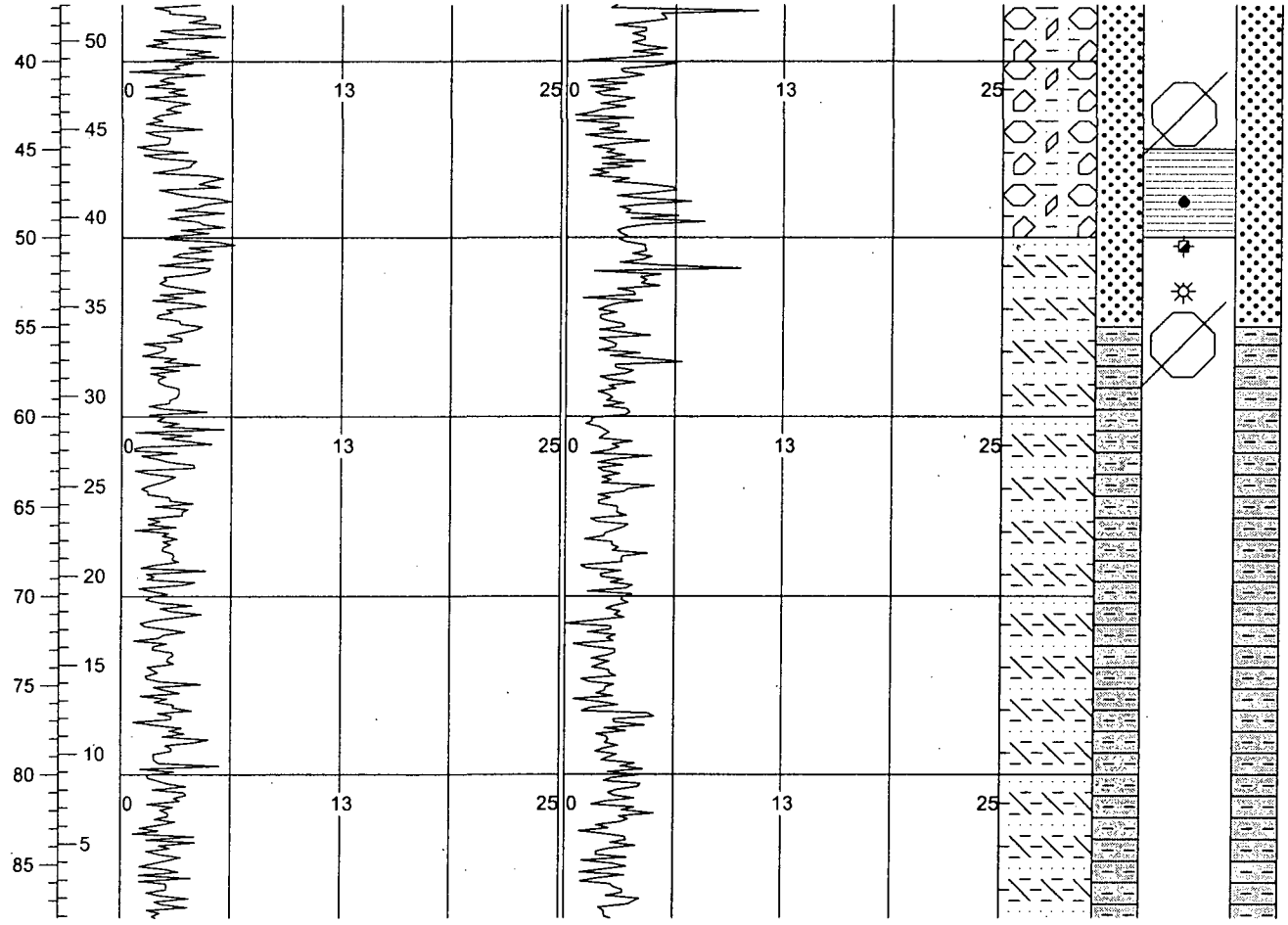
Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-04 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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Horizontal Coordinate System: New York State Plane
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Well Construction Materials Symbol Key

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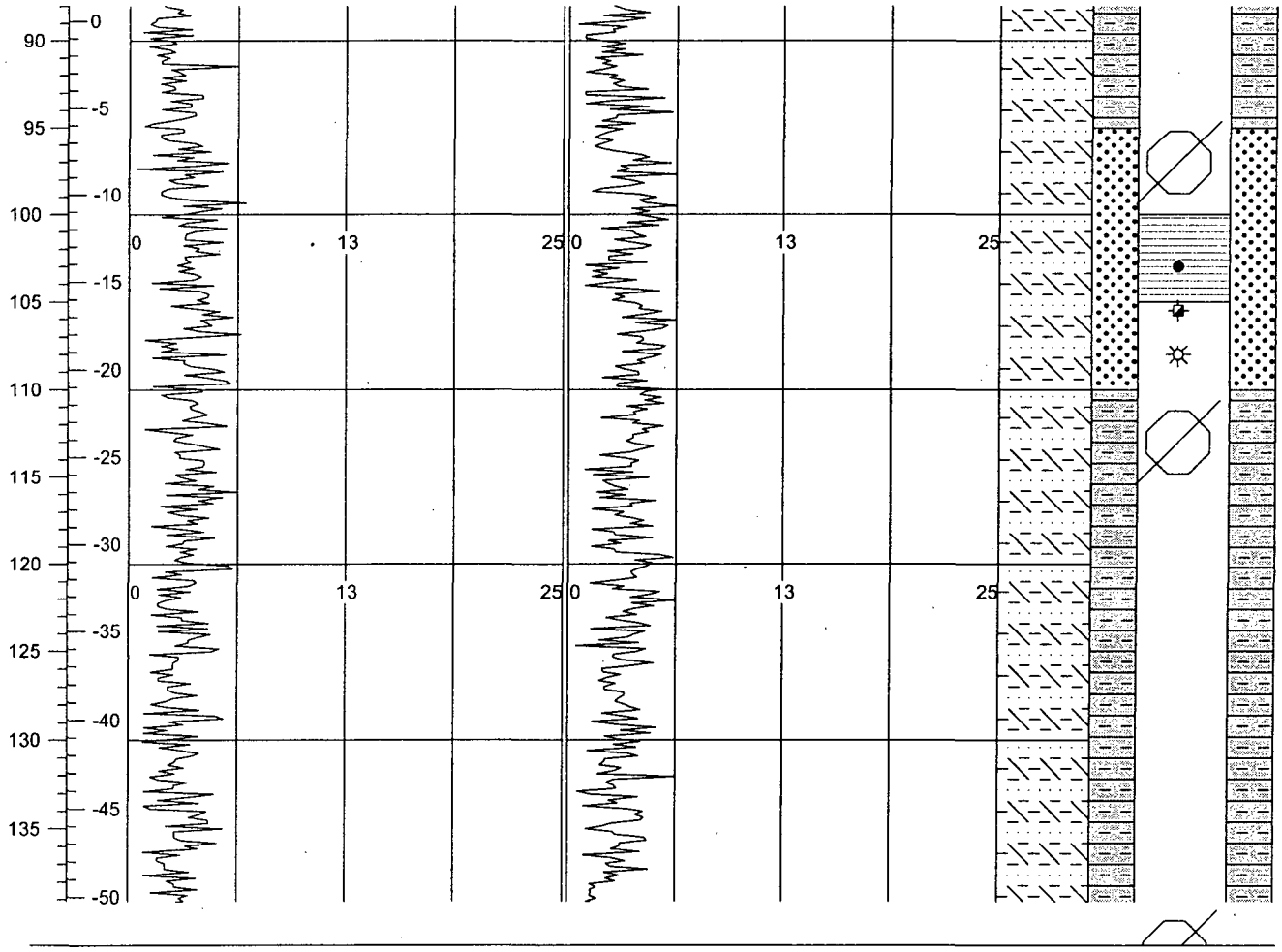
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-04 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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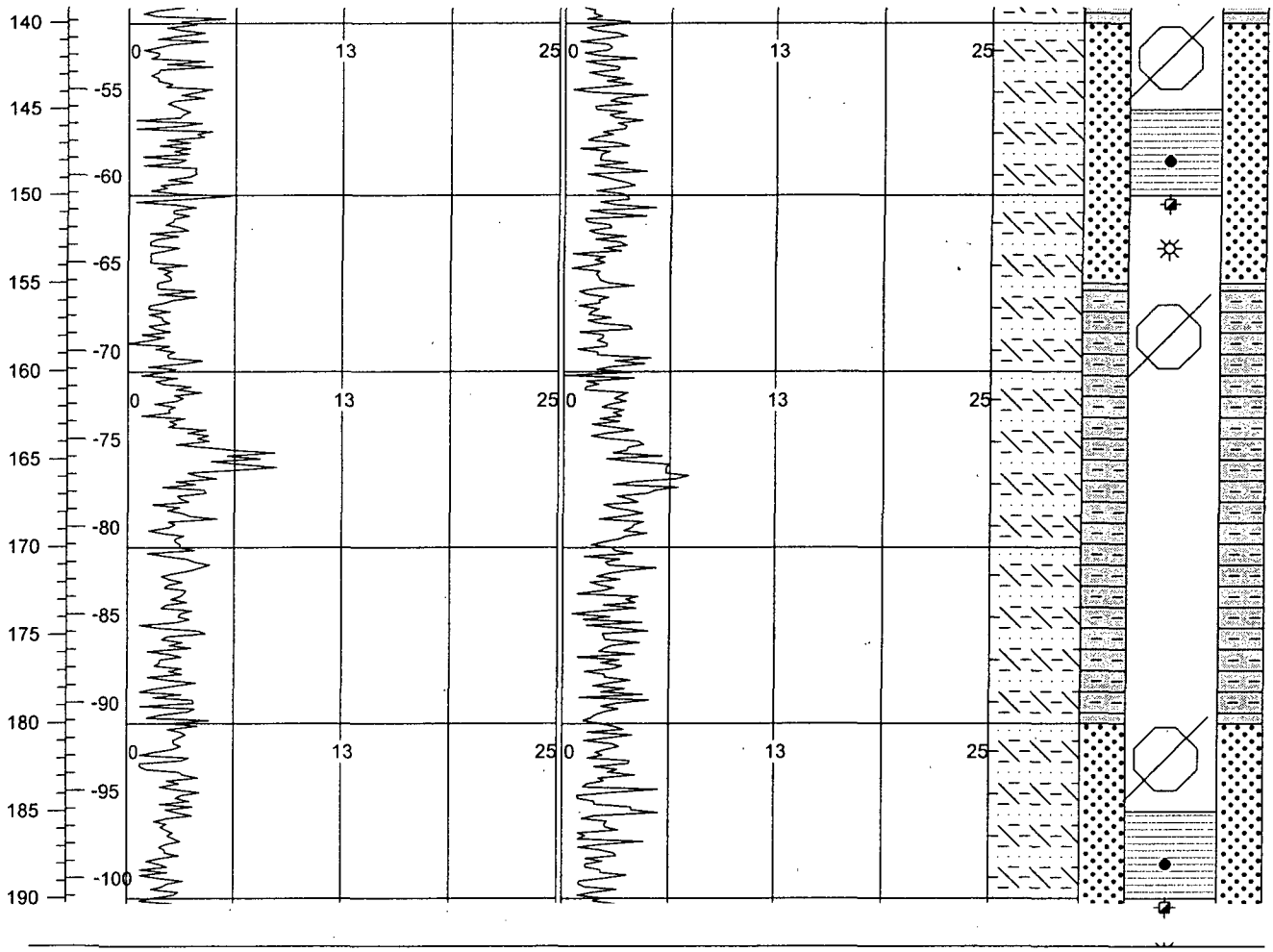
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-04 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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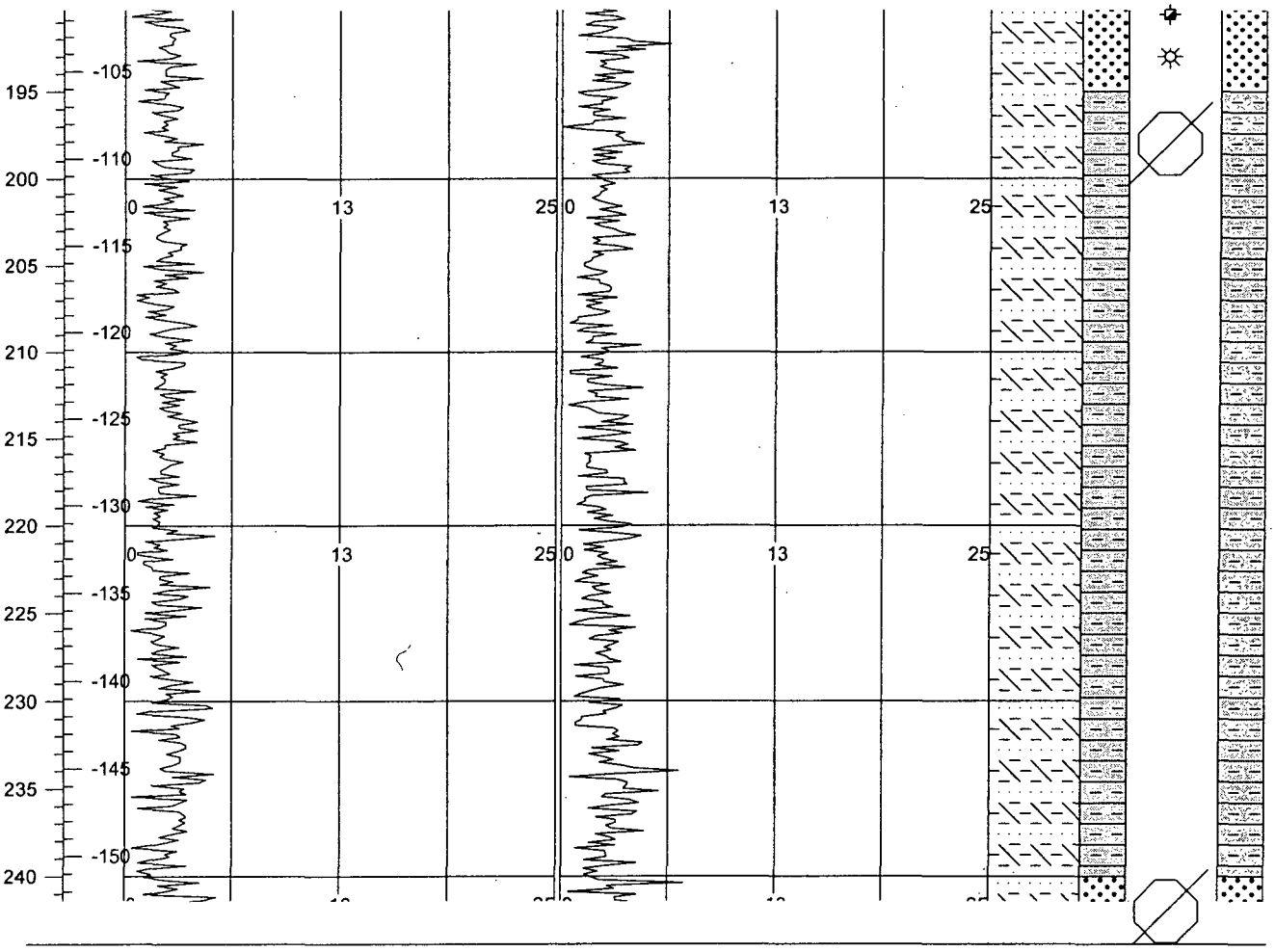
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-04 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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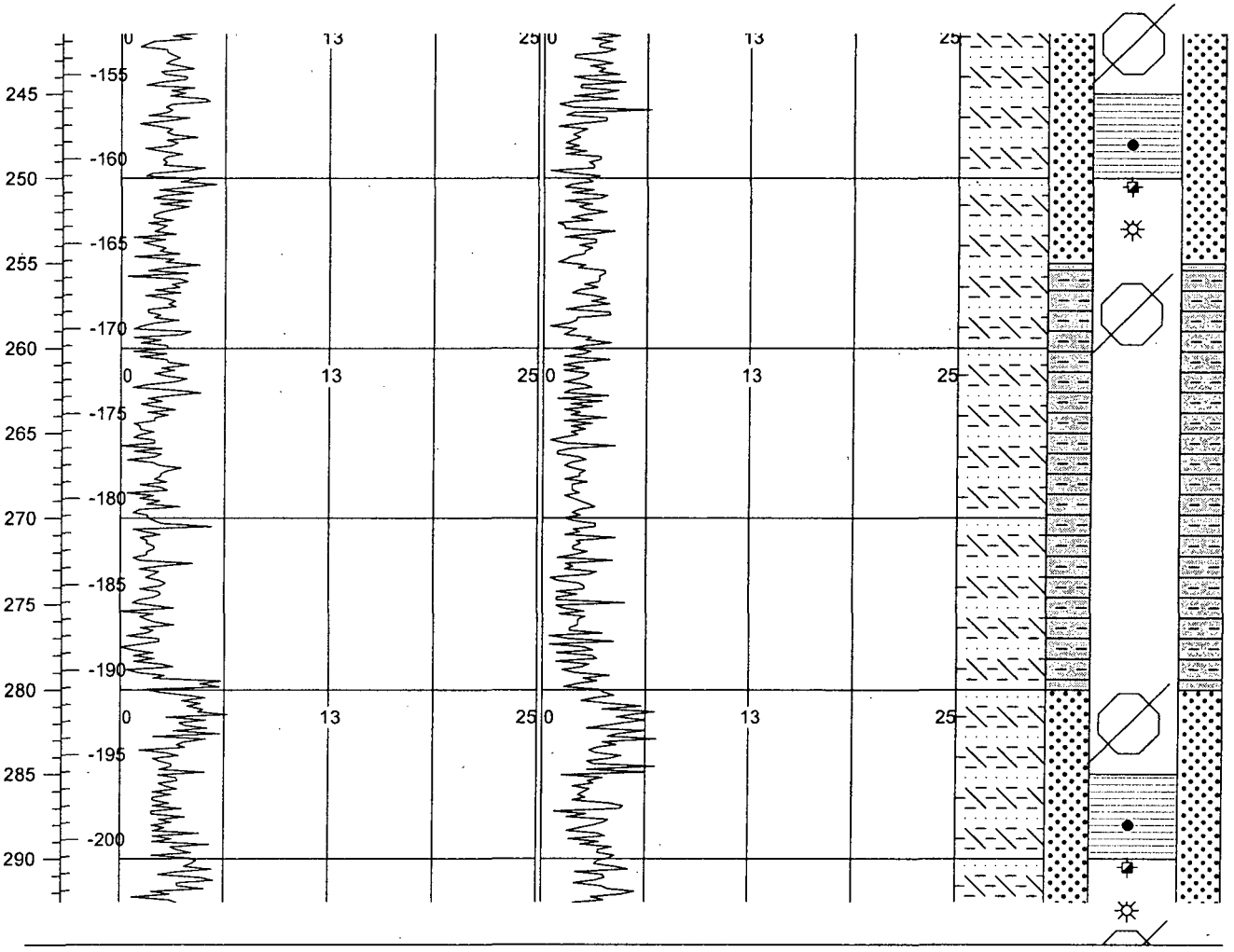
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-04 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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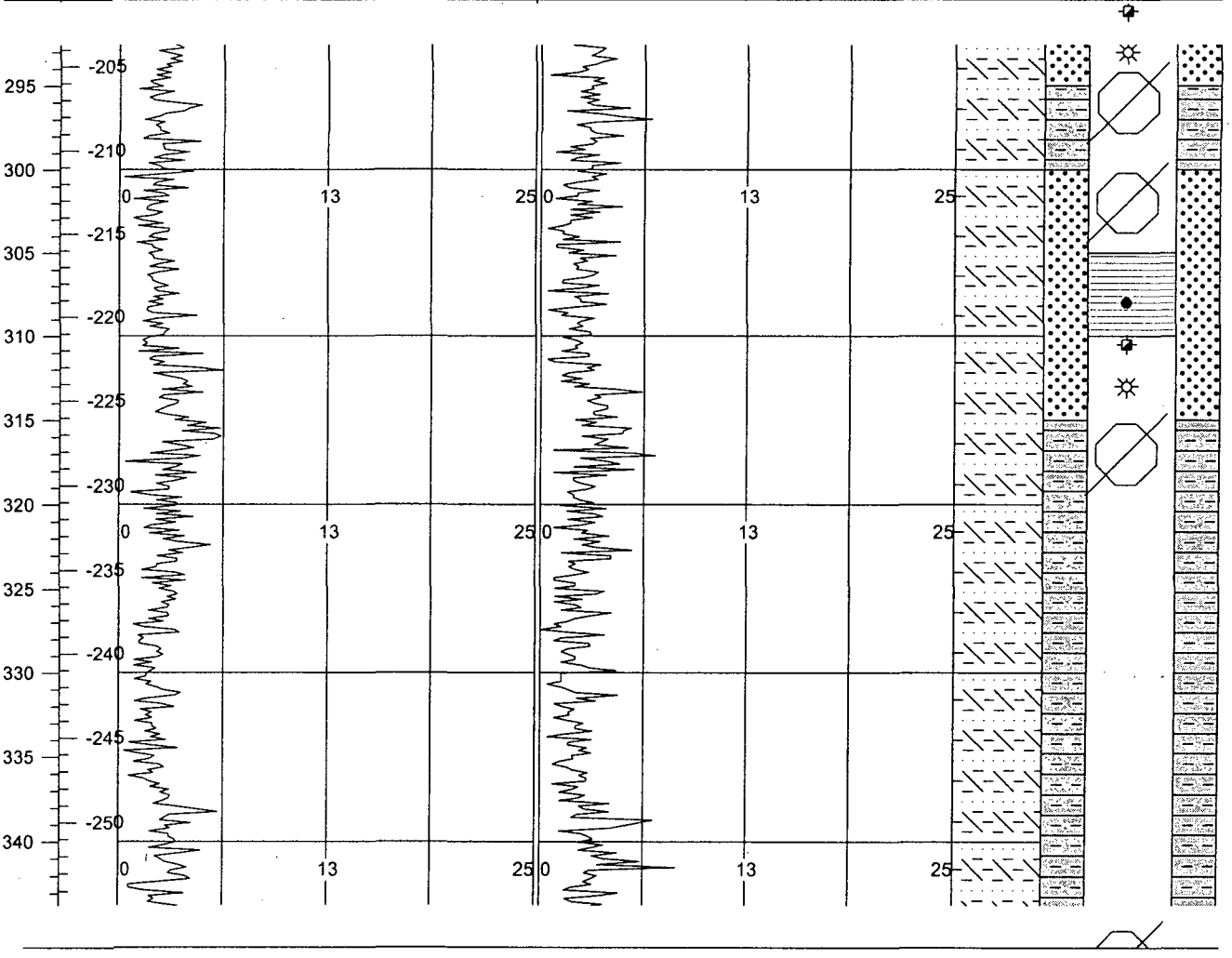
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-04 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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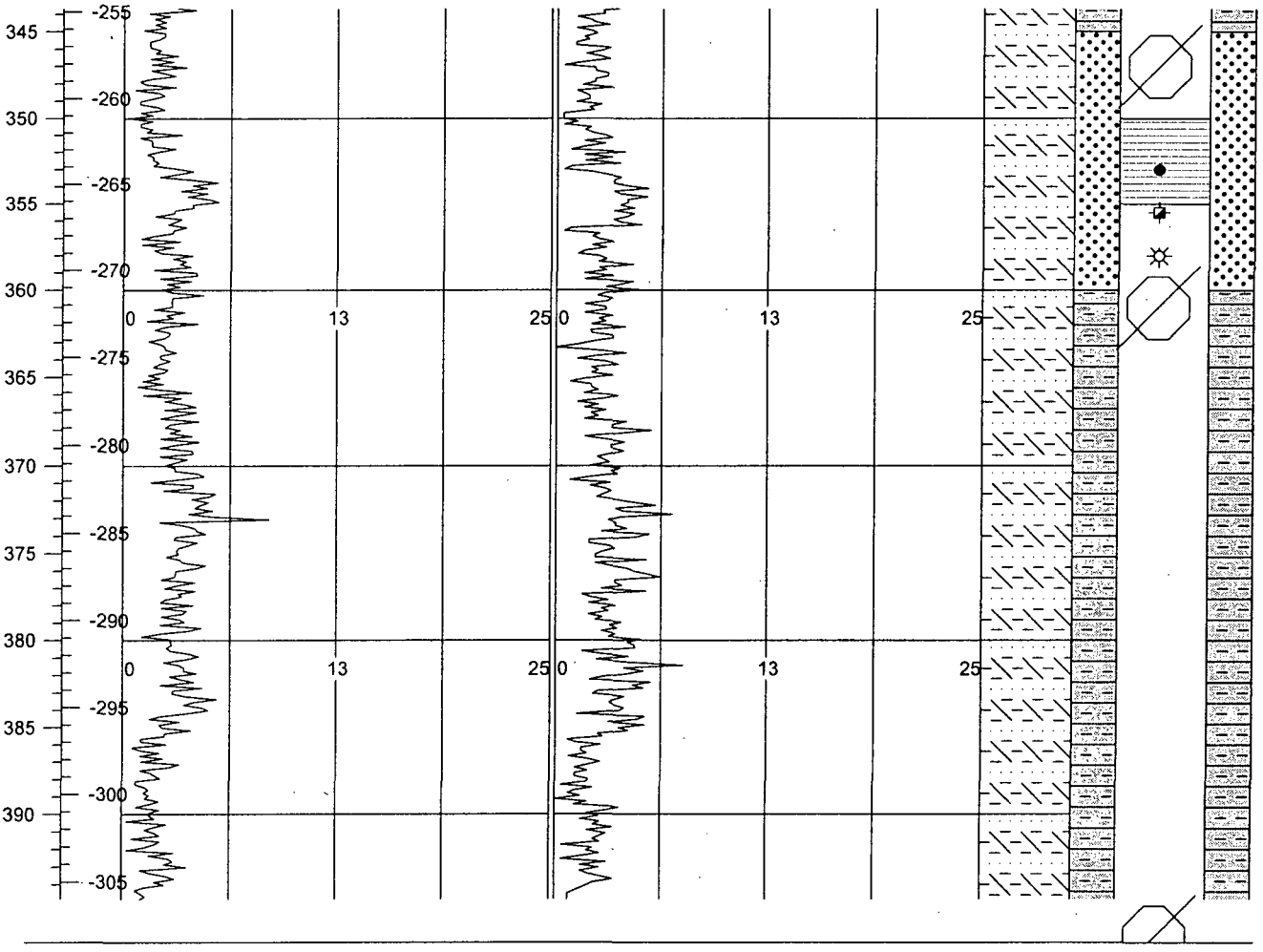
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-04 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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- Glacial Outwash
- Bentonite/Sand Seal
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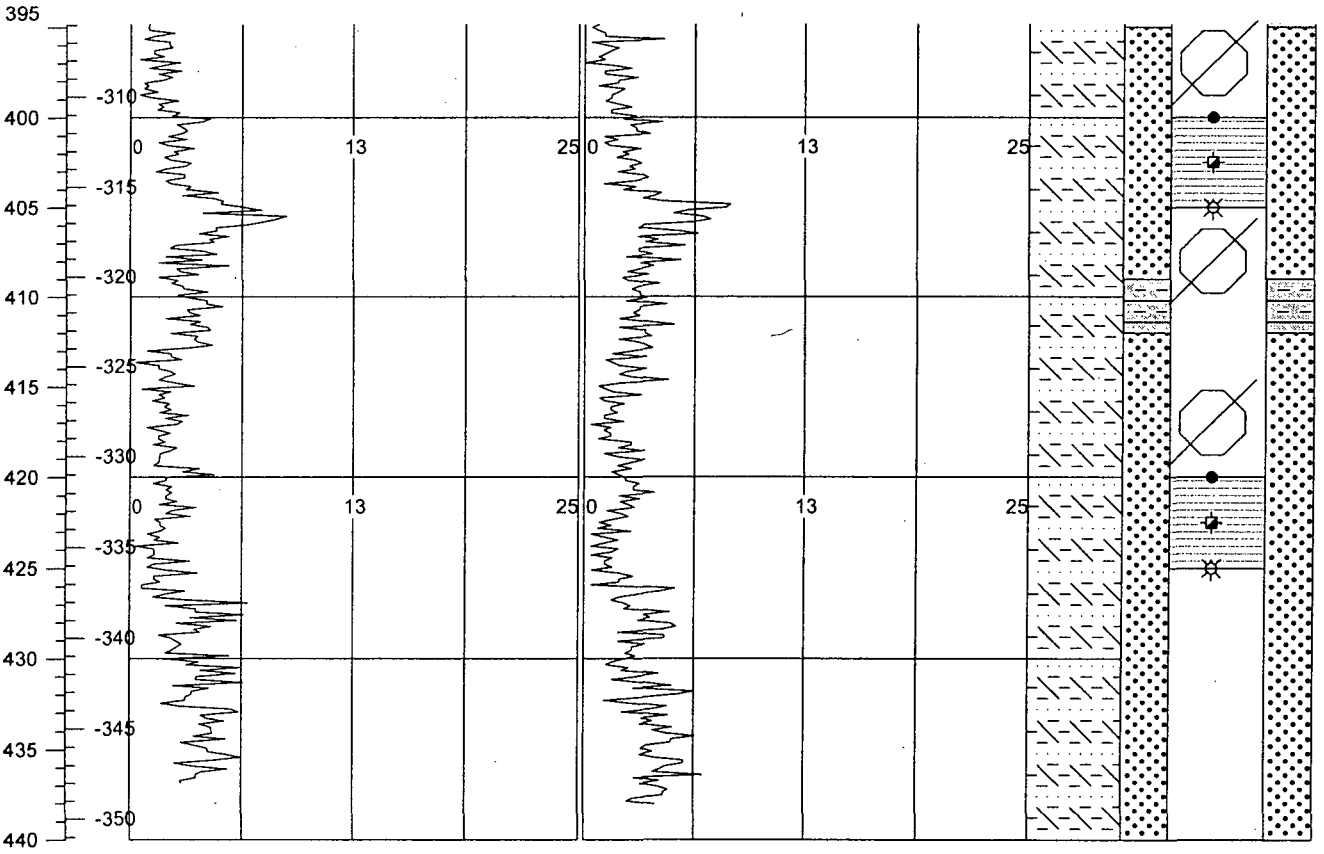
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-04 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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Well Construction Materials Symbol Key

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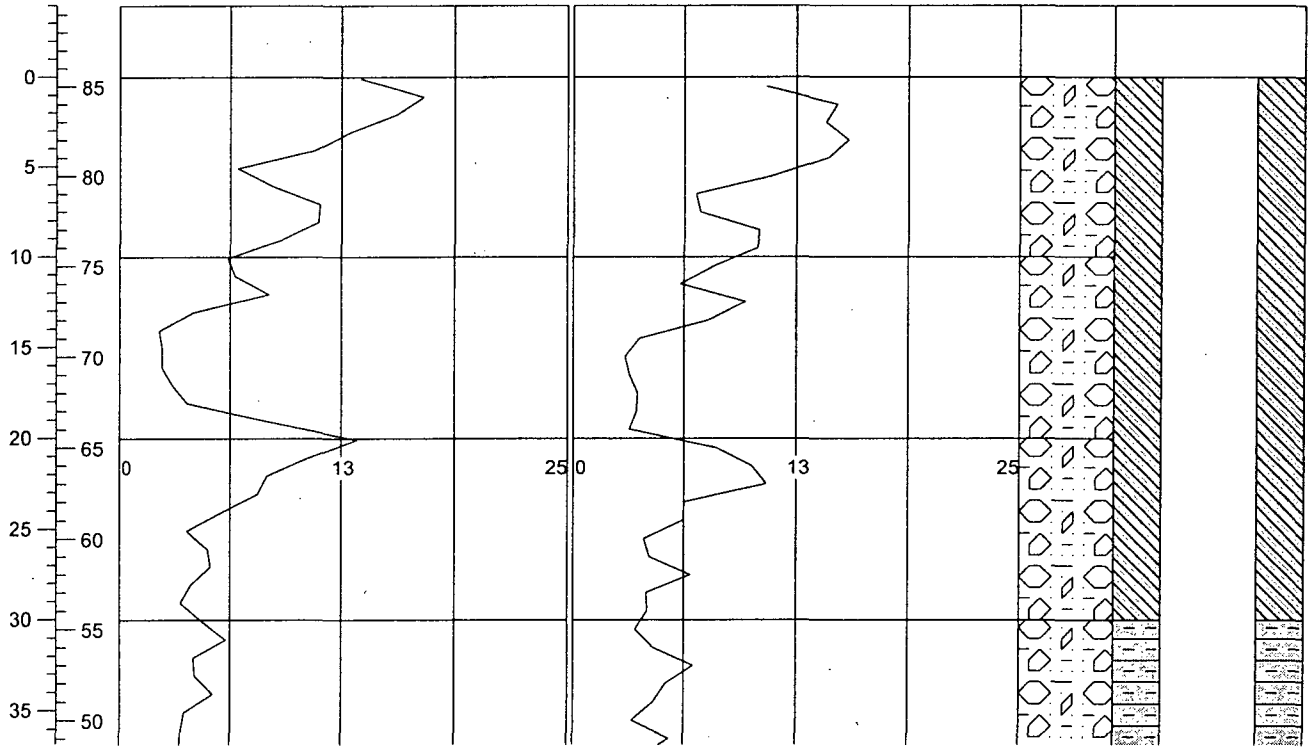
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 (N-13641) **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146
Drilling Contractor: Aquifer Drilling & Testing (ADT) **Drilling Method:** Hollow Stem Auger **Sample Method:** Bladder Pump (groundwater screening) **Date Started:** 07/26/05 **Date Completed:** 03/14/06 **Logged By:** Tonya M. Bennett (CDM)	**Northing:** 207518.53 **Easting:** 1090608.59 **GSE (ft. above msl):** 85.55 **Total Depth (ft bgs):** 450 ft bgs **Initial Depth to Water (ft bgs):** 36 ft bgs **Field Screening Instrument:** MiniRAE 2000

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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Vertical Datum: NGVD 88
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- #1 Sand Filter Pack
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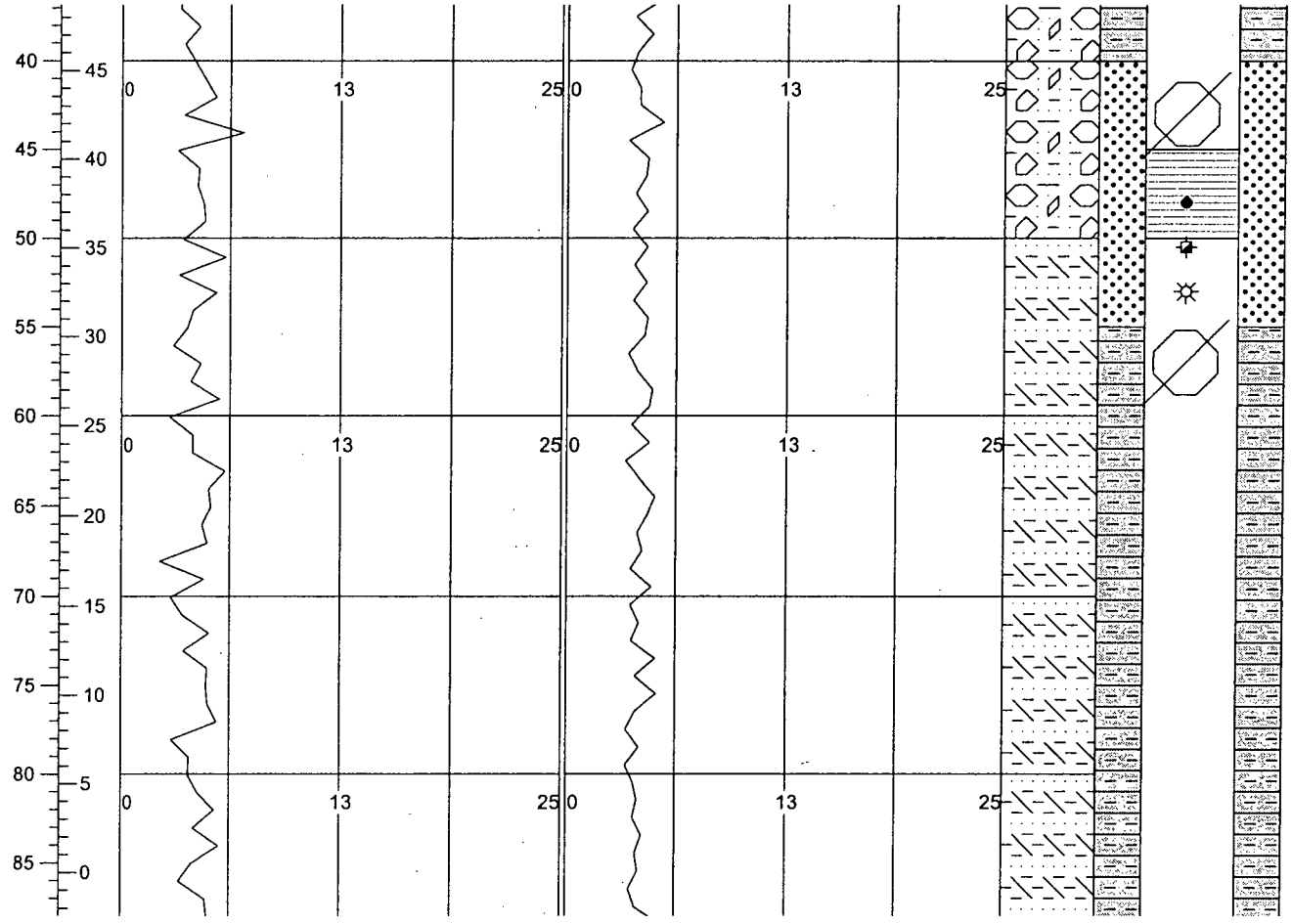
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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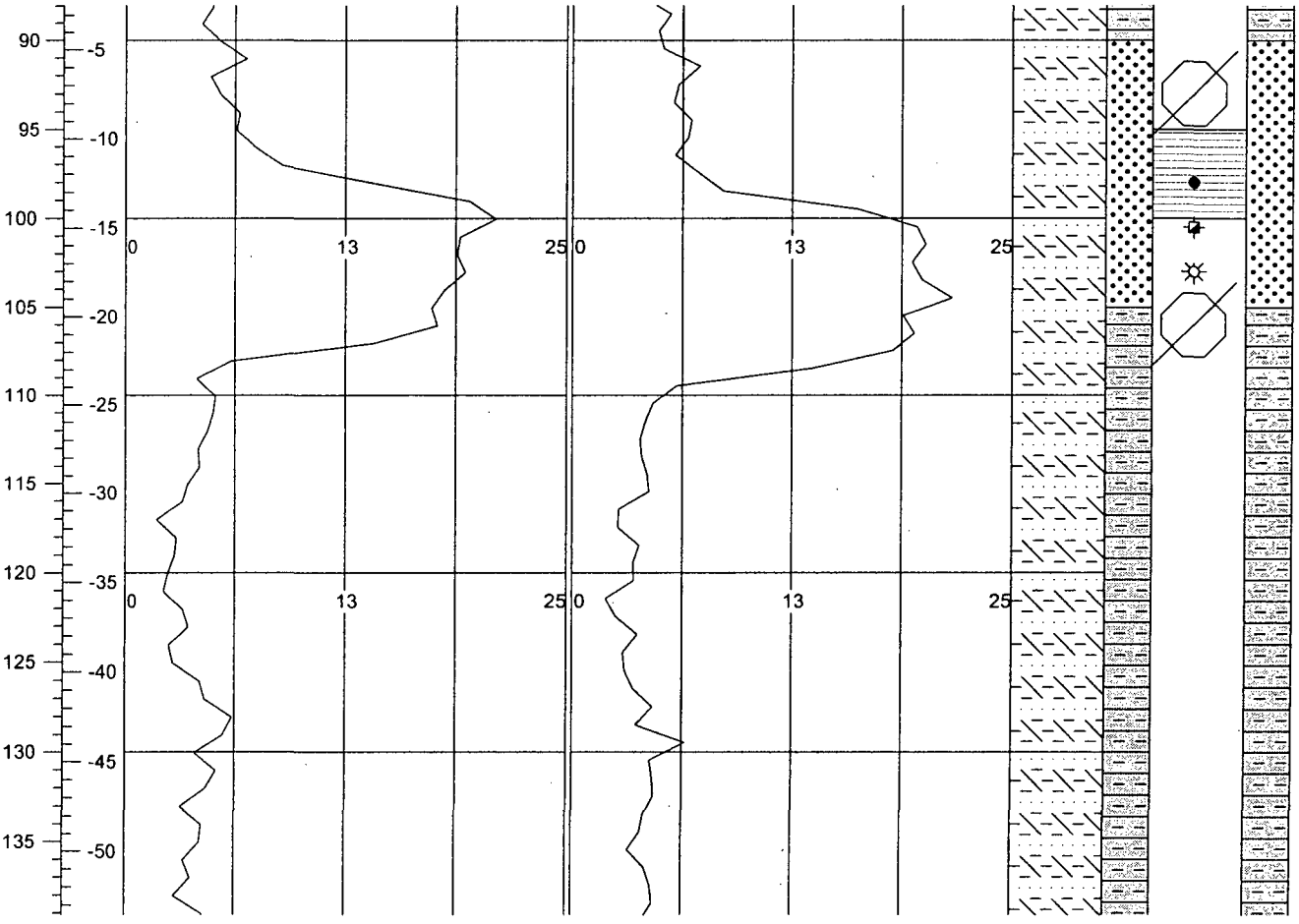
CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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Units: feet bgs

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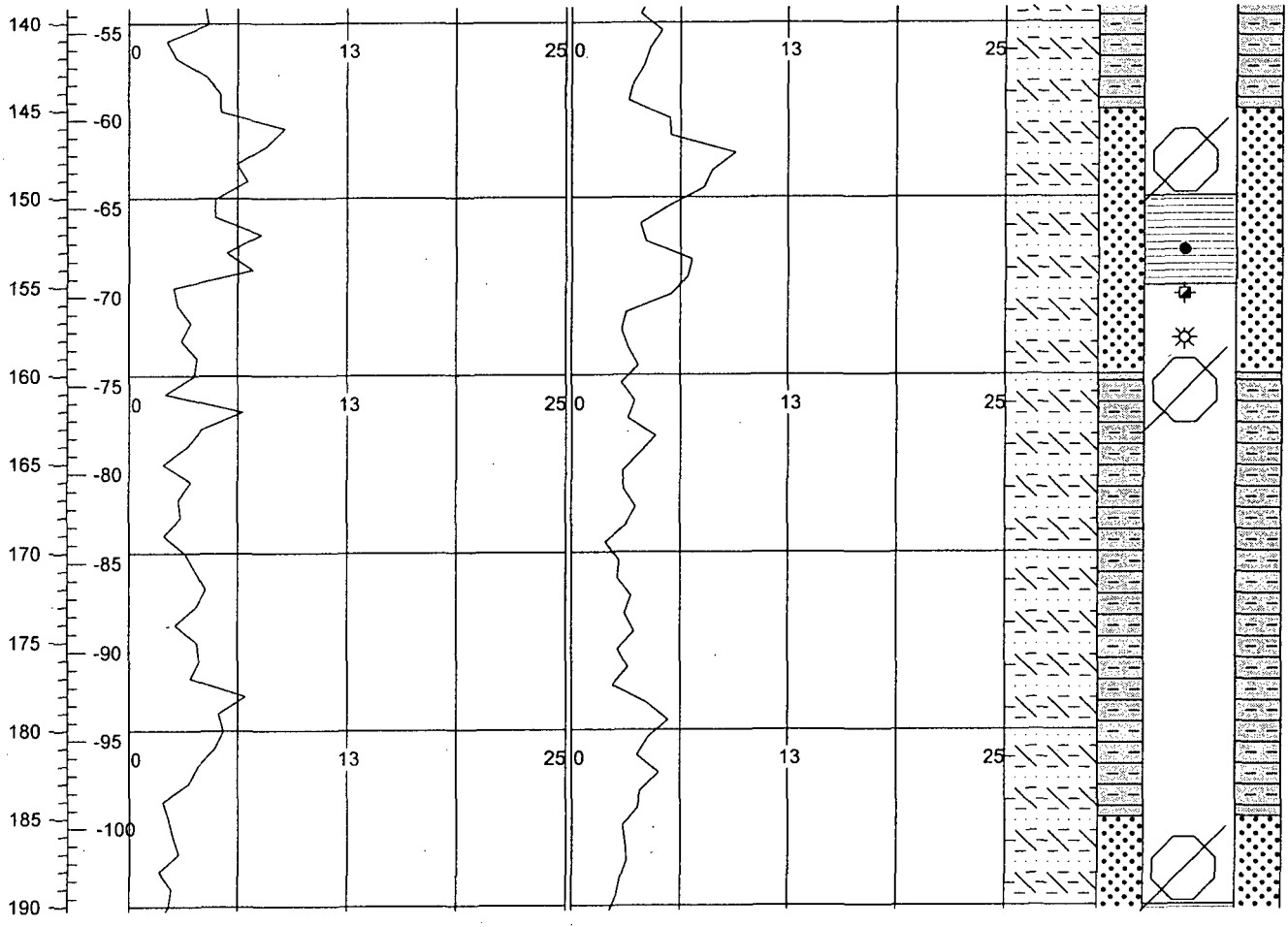
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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- #1 Sand Filter Pack
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- Bentonite/Sand Seal
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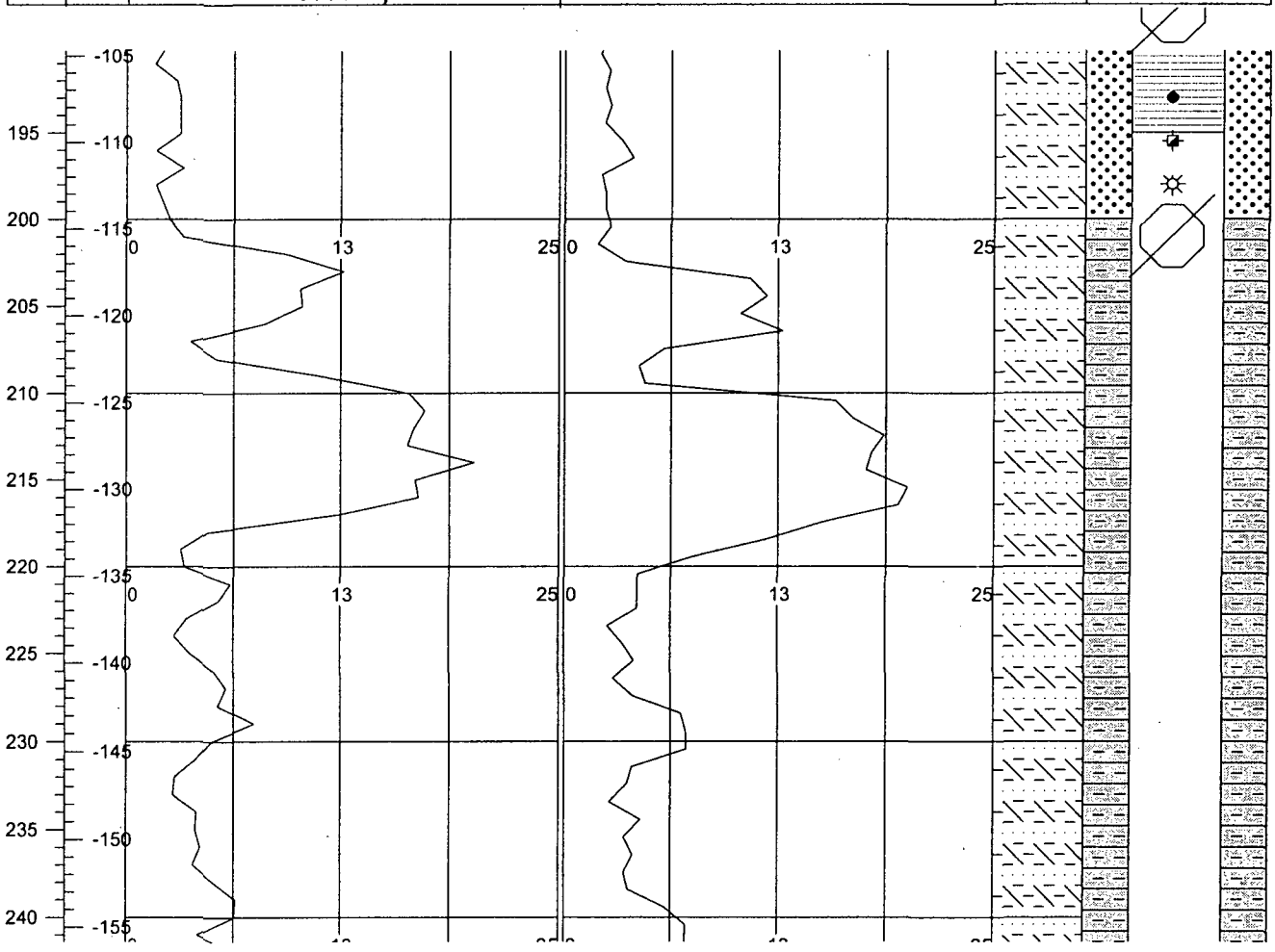
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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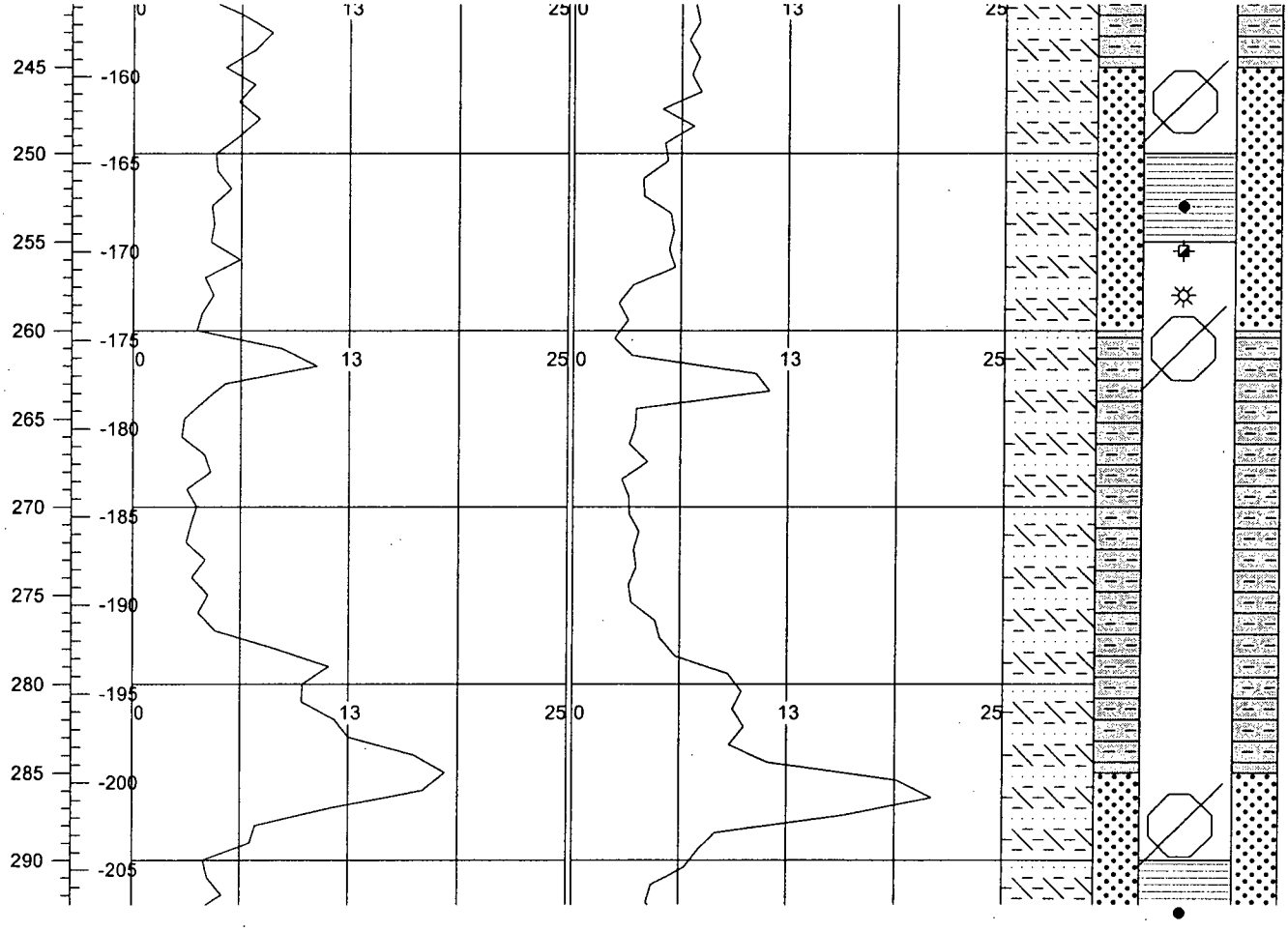
Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



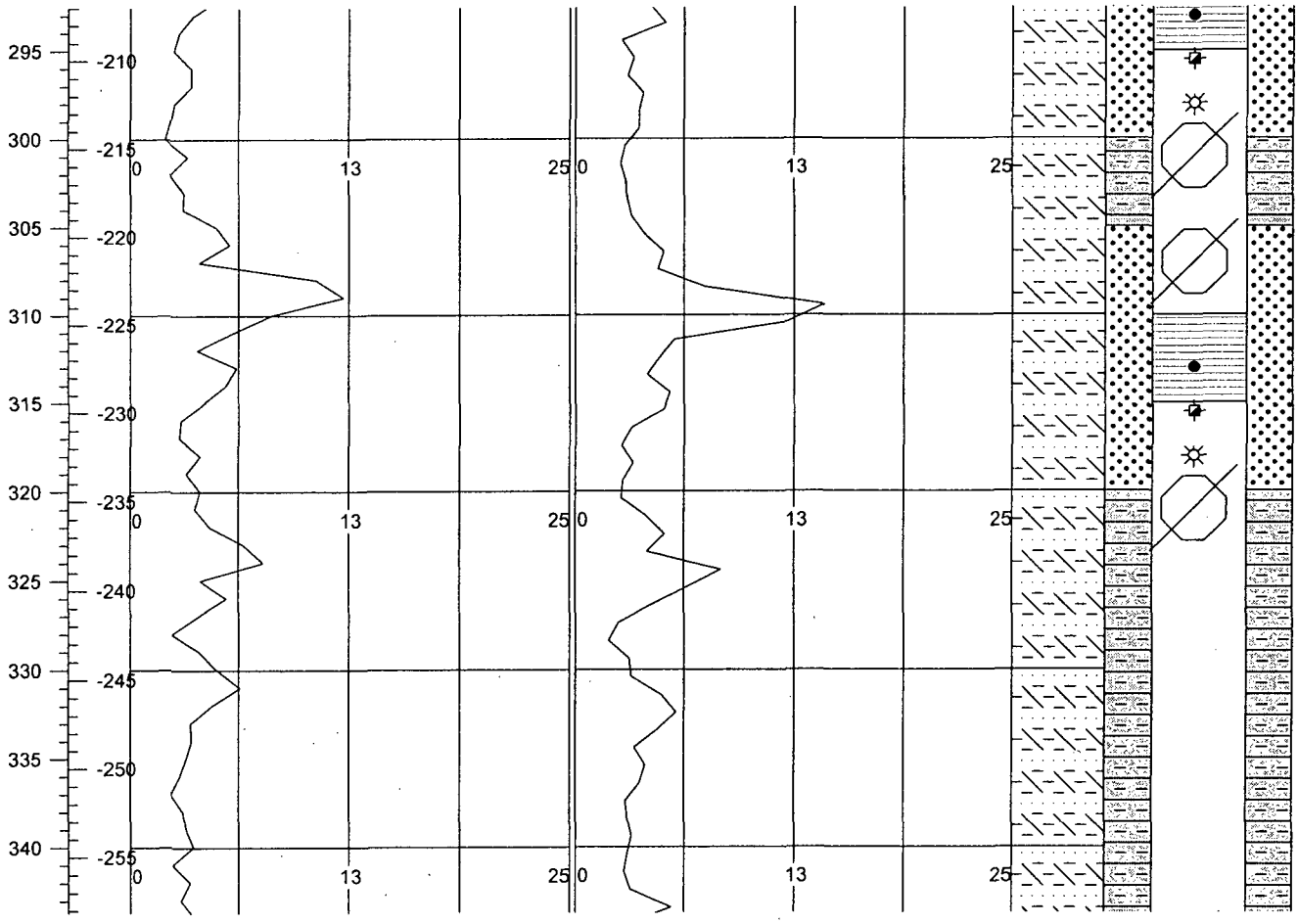
Note:
ft = feet, est. = estimated
bgs = below ground surface
msl = mean sea level
GSE= ground surface elevation

Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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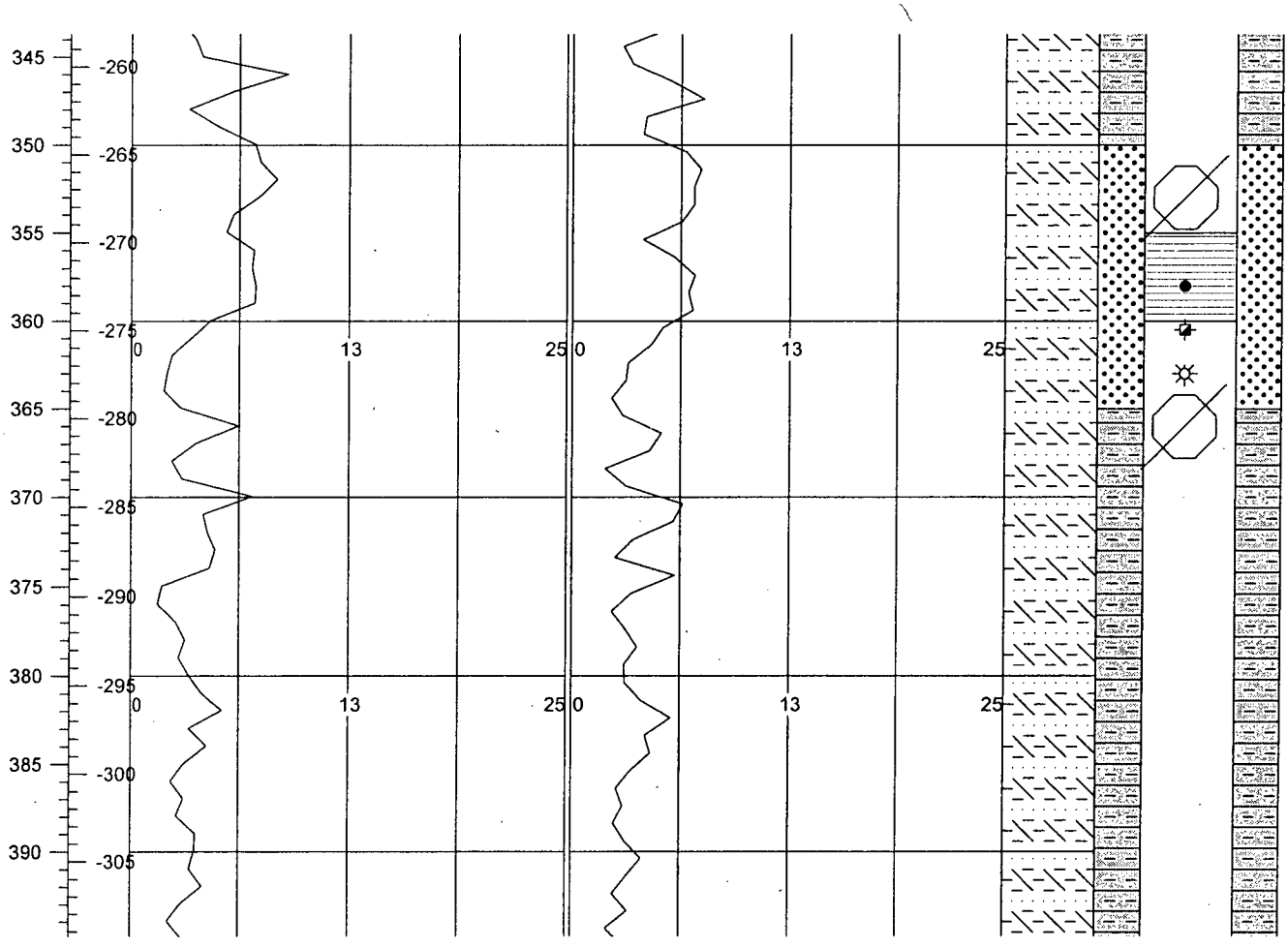
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

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- Westbay Pumping/ Purge Port
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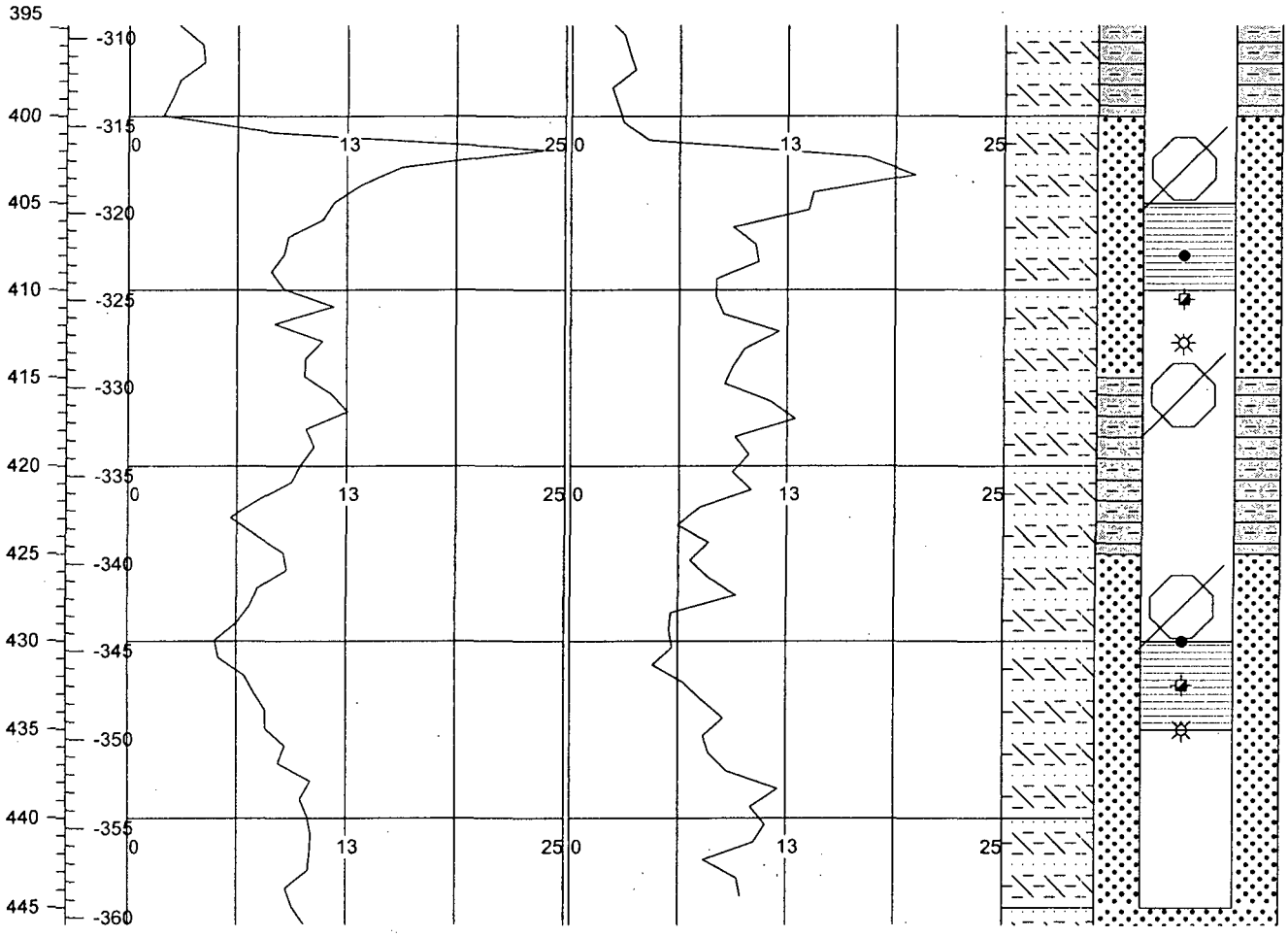
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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Vertical Datum: NGVD 88
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Well Construction Materials Symbol Key

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- Westbay Pumping/ Purge Port
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- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-05 **Boring Location:** 200 Garden City Plaza
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction
450					

Note:
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Horizontal Coordinate System: New York State Plane
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Units: feet bgs

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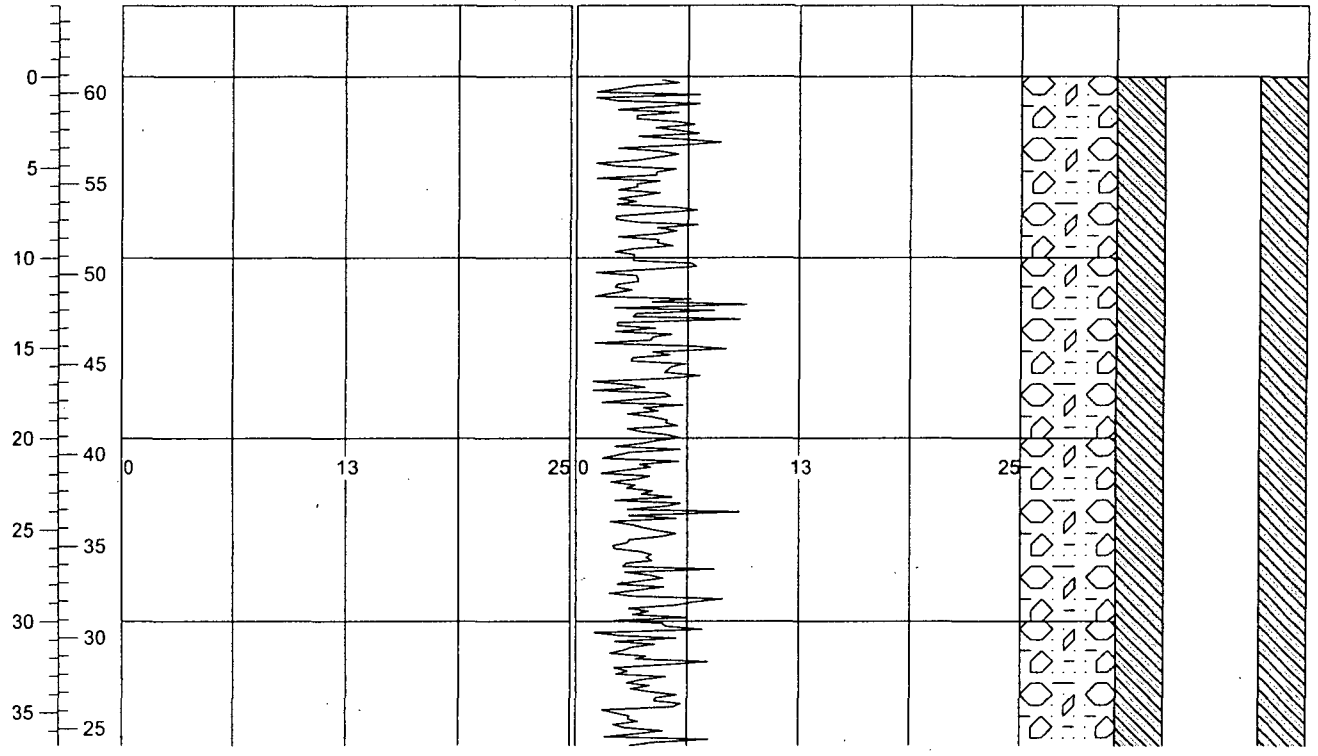
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 (N-1362) **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146
Drilling Contractor: Aquifer Drilling & Testing (ADT) **Drilling Method:** Hollow Stem Auger **Sample Method:** Bladder Pump (groundwater screening) **Date Started:** 10/17/05 **Date Completed:** 03/01/06 **Logged By:** Tonya M. Bennett (CDM)	**Northing:** 202086.74 **Easting:** 1090604.62 **GSE (ft. above msl):** 60.88 **Total Depth (ft bgs):** 465 ft bgs **Initial Depth to Water (ft bgs):** 37 ft bgs **Field Screening Instrument:** MiniRAE 2000



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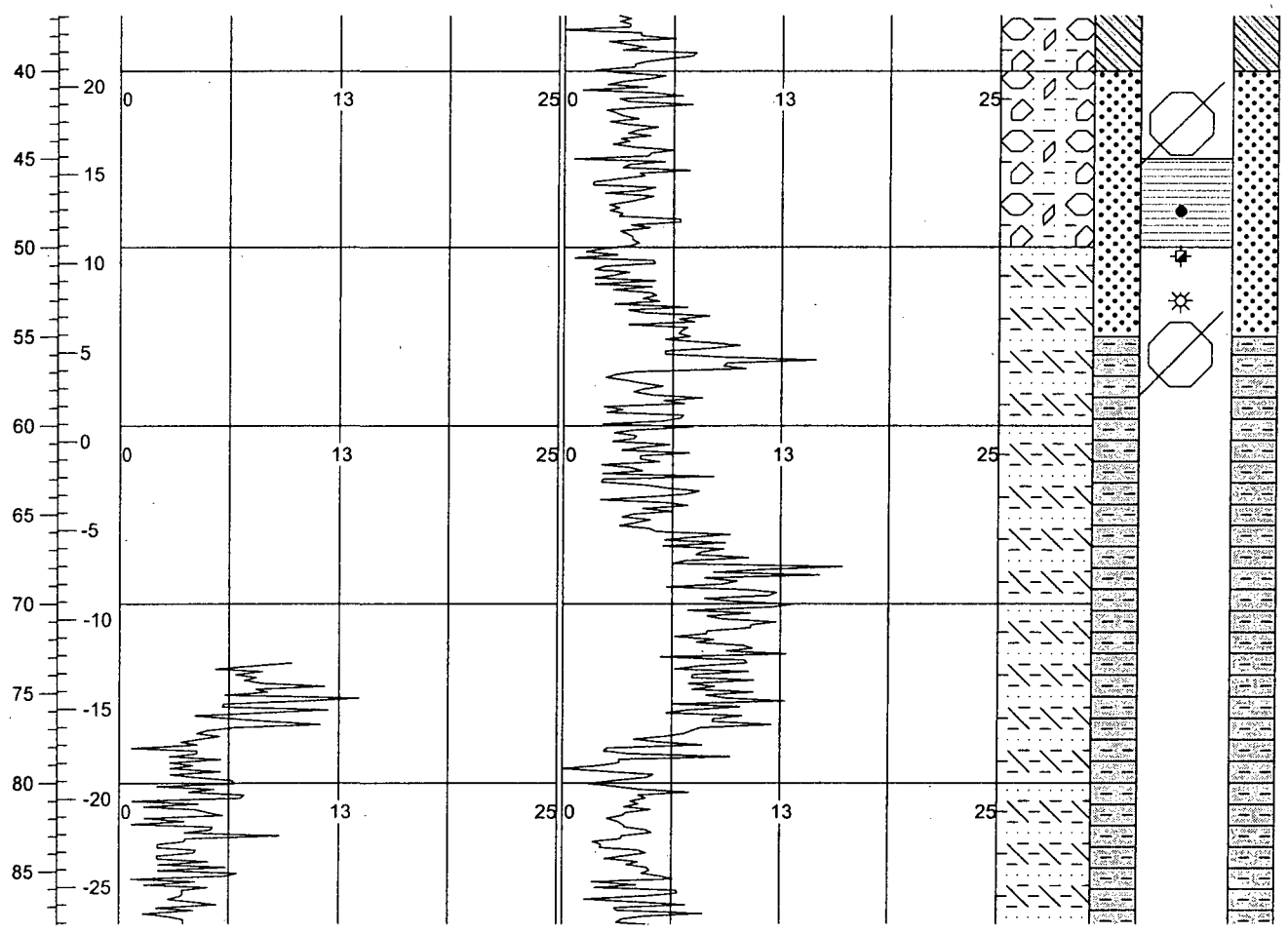
GSE= ground surface elevation

Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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Horizontal Coordinate System: New York State Plane
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Units: feet bgs

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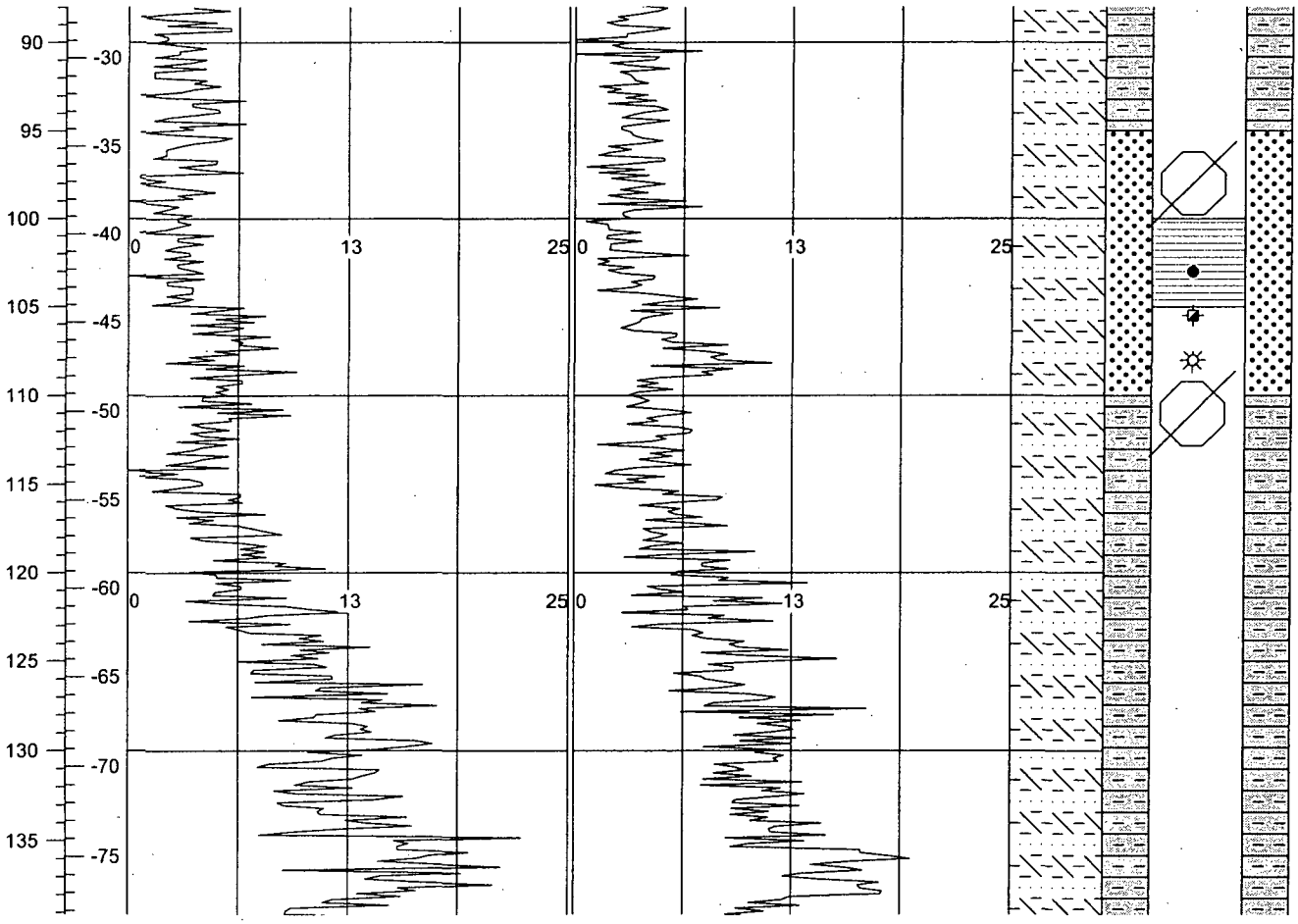
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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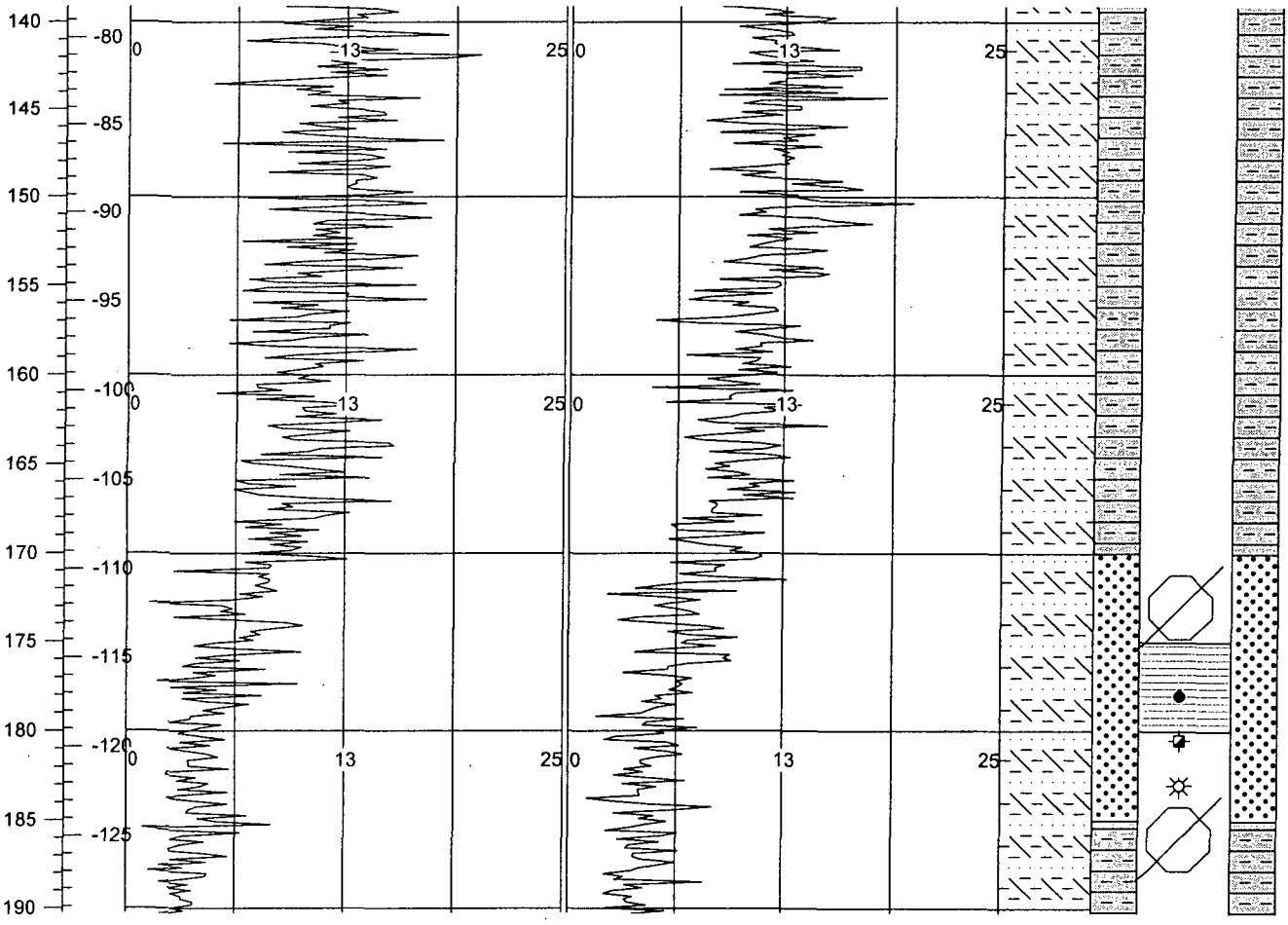
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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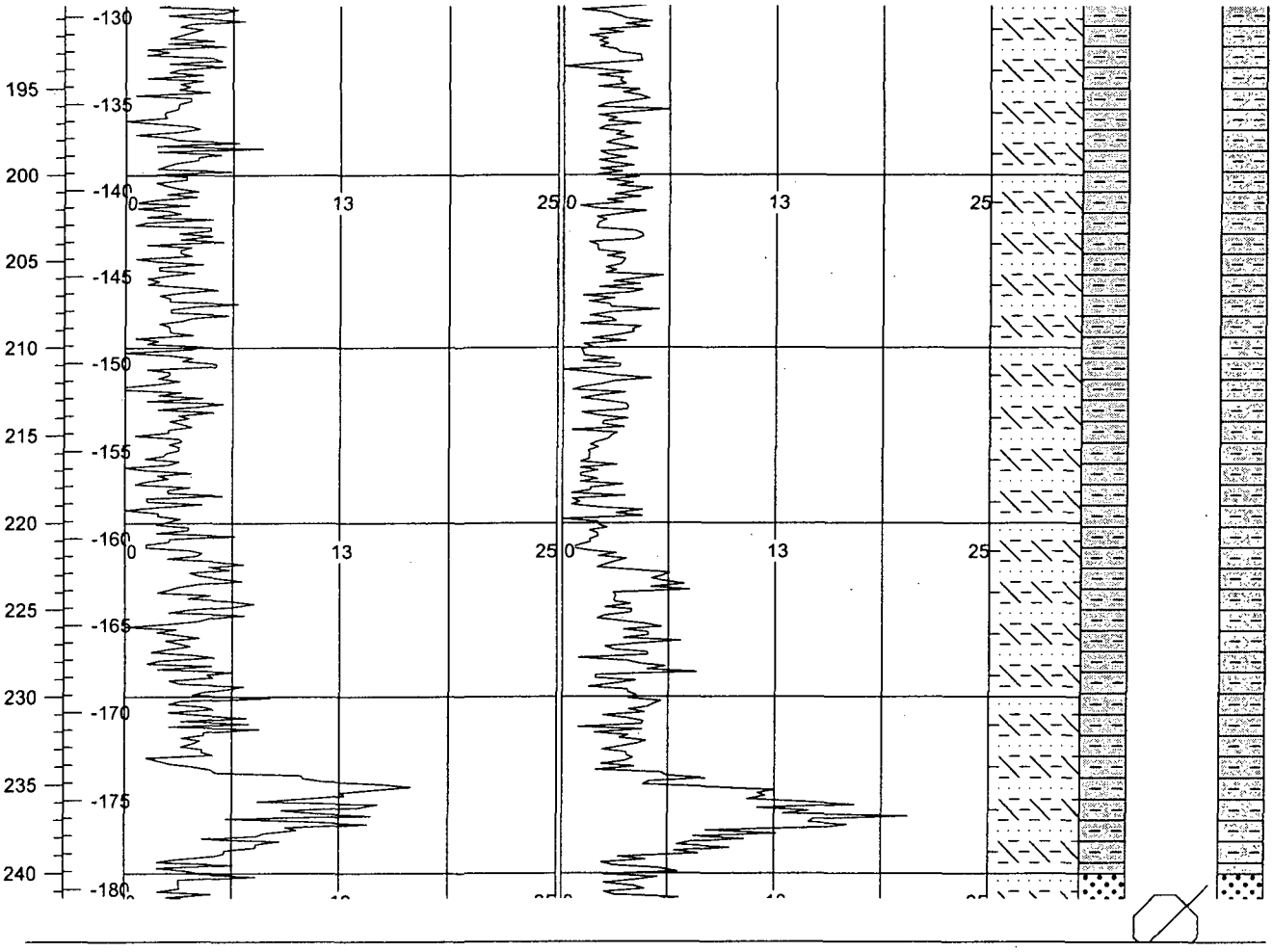
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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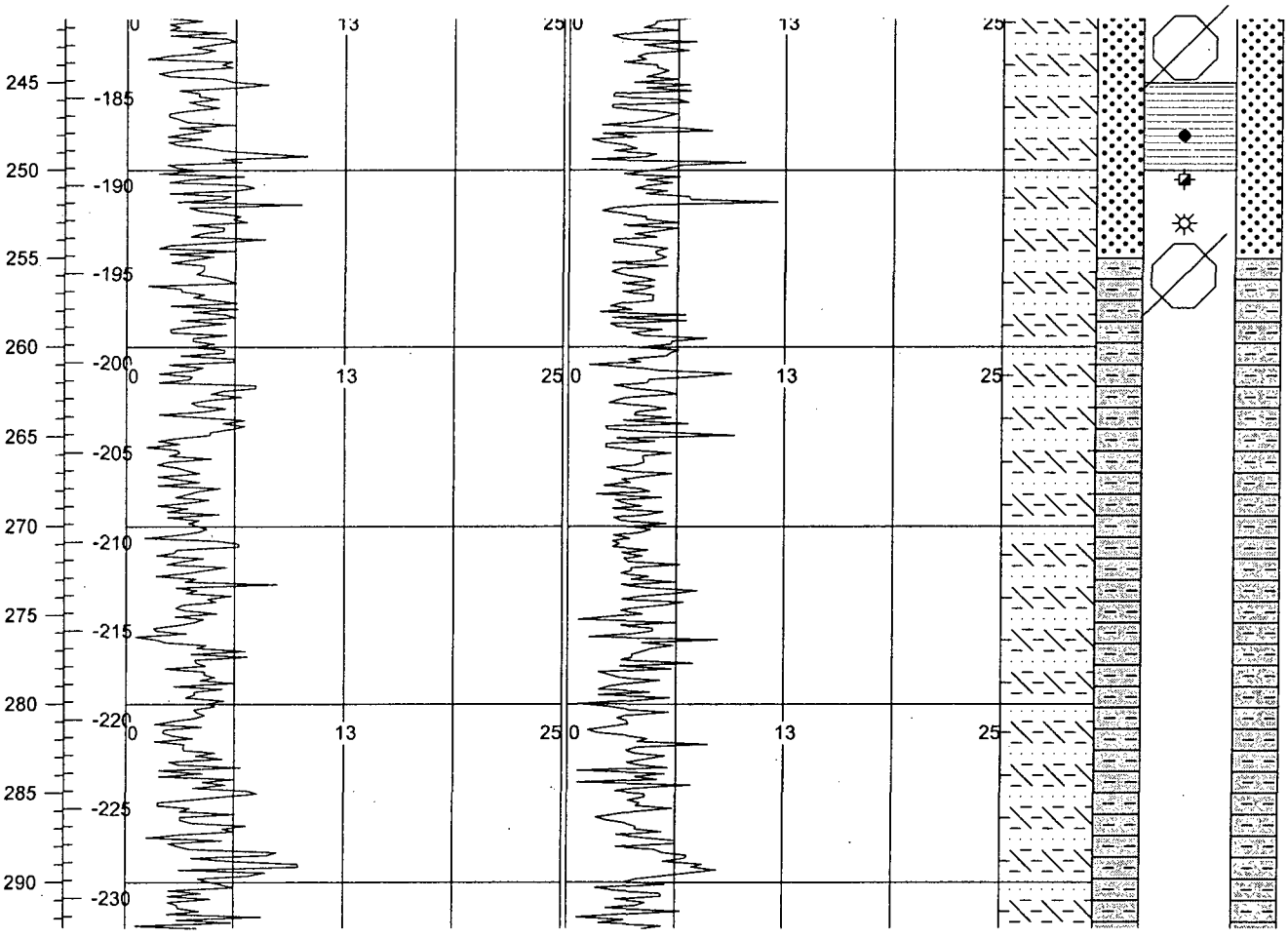
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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- Glacial Outwash
- Bentonite/Sand Seal
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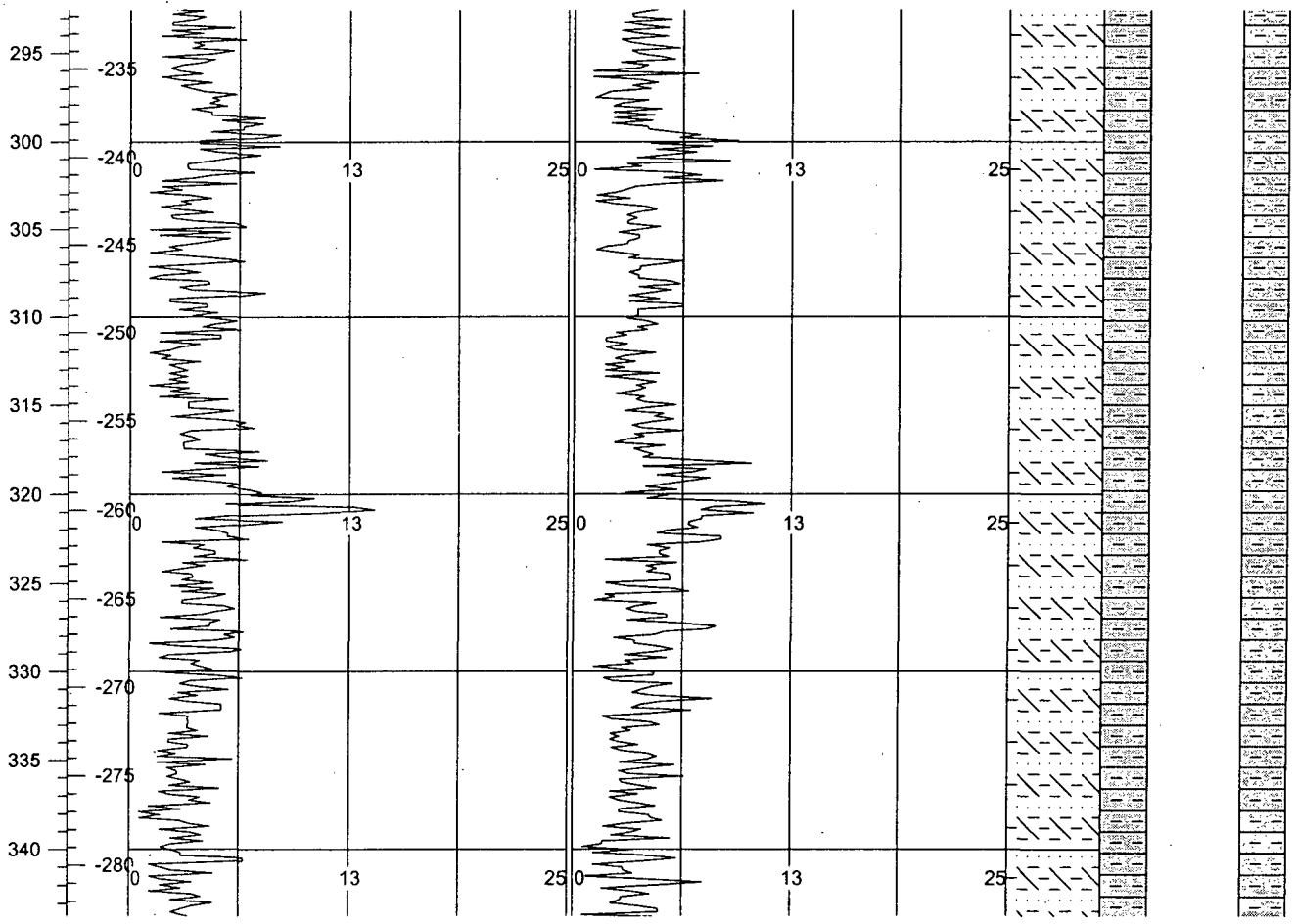
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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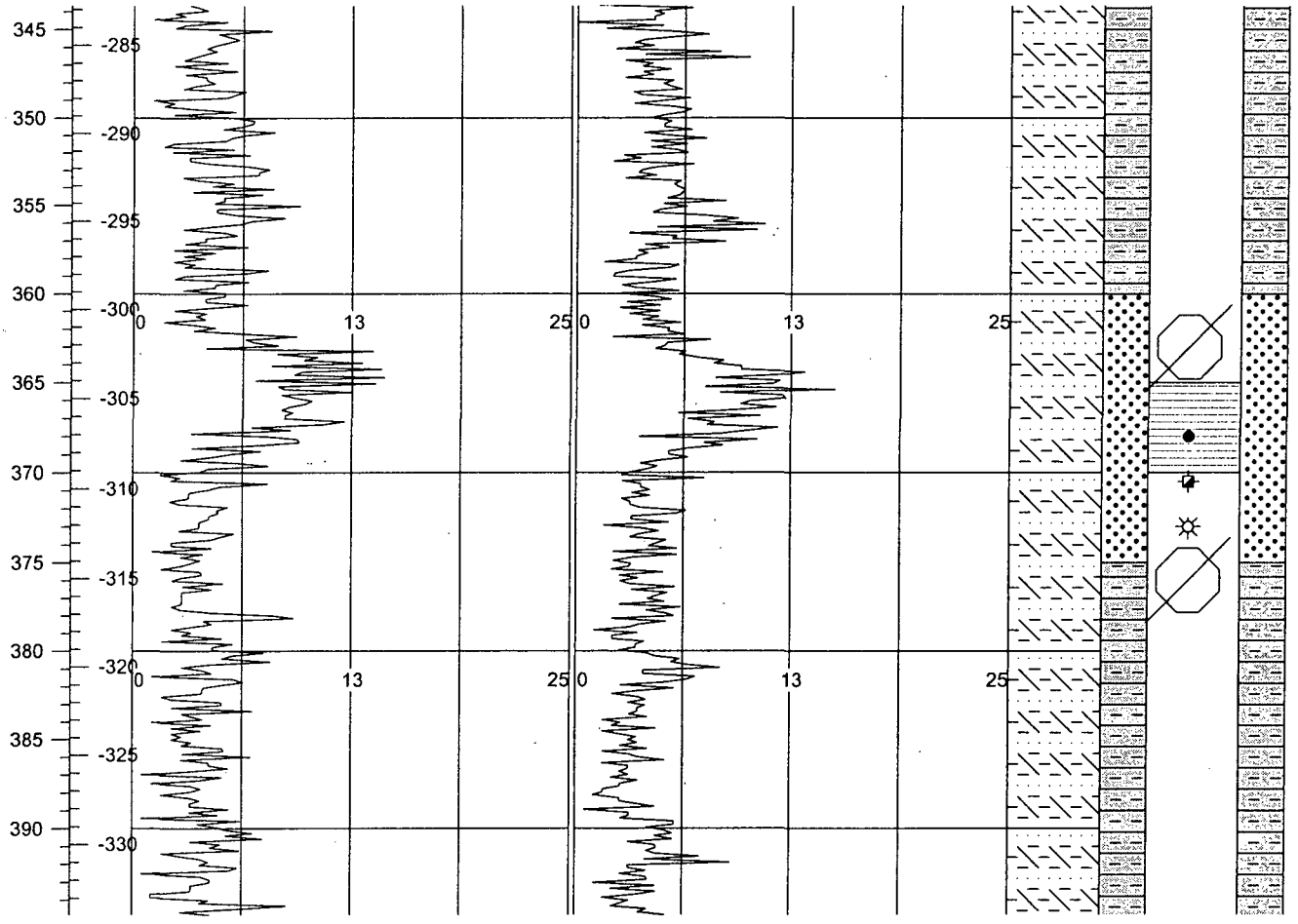
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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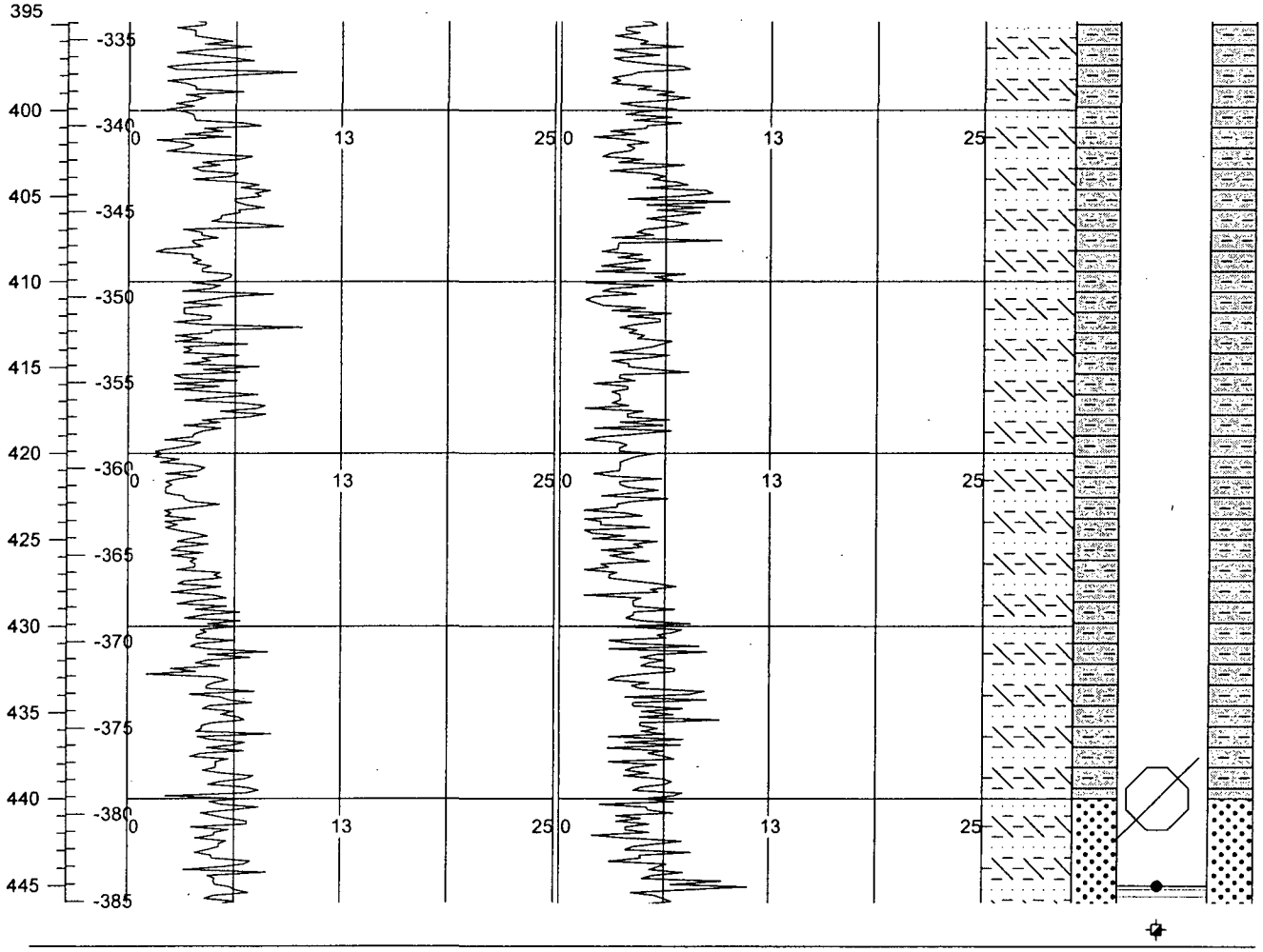
CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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- Bentonite/Sand Seal
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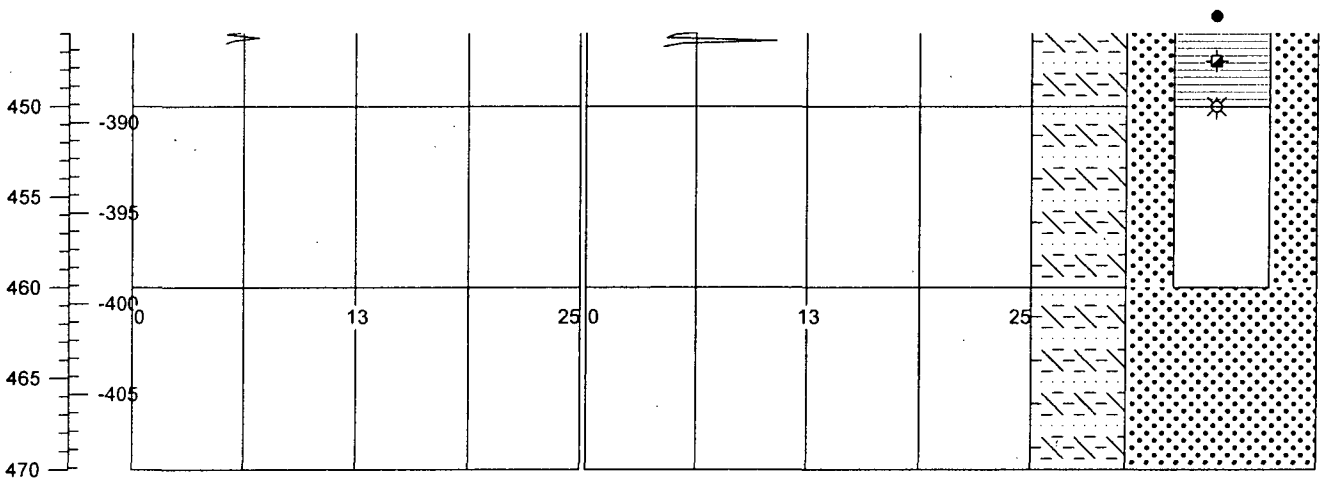
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-06 **Boring Location:** Pump House
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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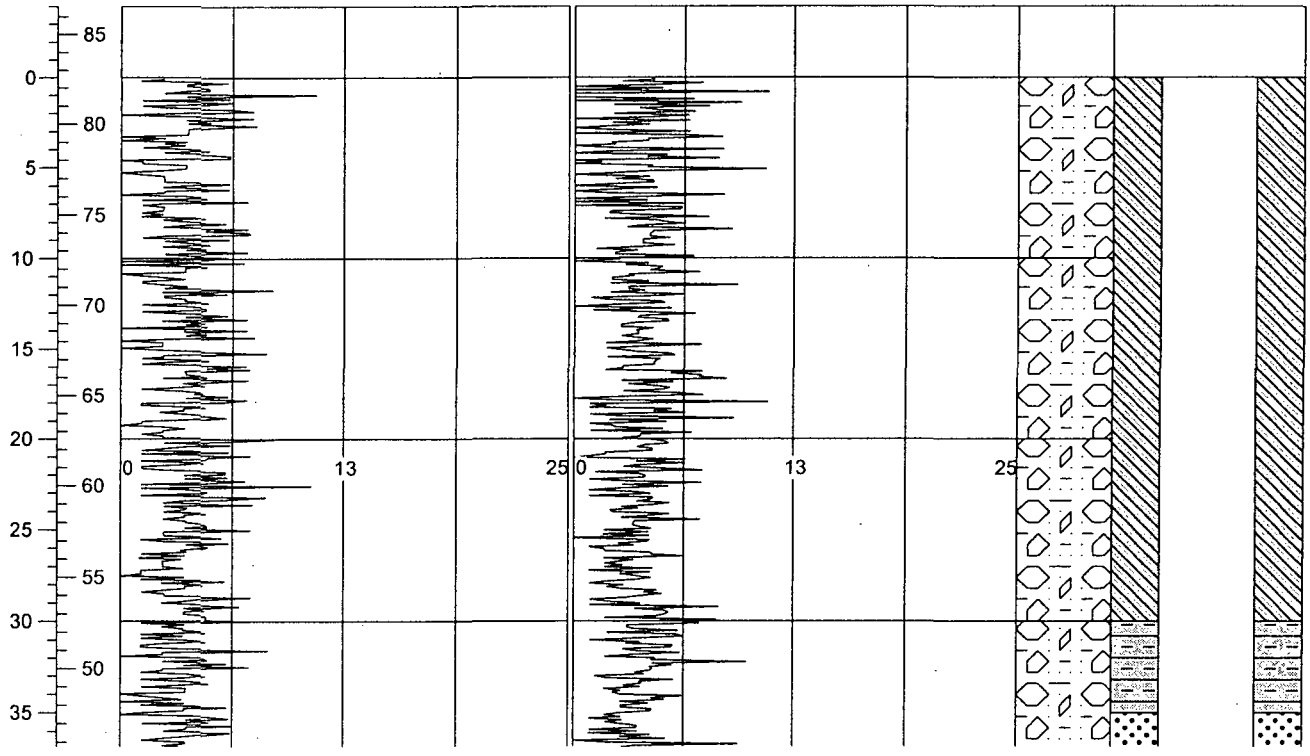
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-07 (N-13643) **Boring Location:** St James South
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146
Drilling Contractor: Aquifer Drilling & Testing (ADT) **Drilling Method:** Hollow Stem Auger **Sample Method:** Bladder Pump (groundwater screening) **Date Started:** 09/16/06 **Date Completed:** 03/07/06 **Logged By:** Tonya M. Bennett (CDM)	**Northing:** 204328.48 **Easting:** 1088809.03 **GSE (ft. above msl):** 82.58 **Total Depth (ft bgs):** 465 ft bgs **Initial Depth to Water (ft bgs):** 37.57 ft bgs **Field Screening Instrument:** MiniRAE 2000

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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- #1 Sand Filter Pack
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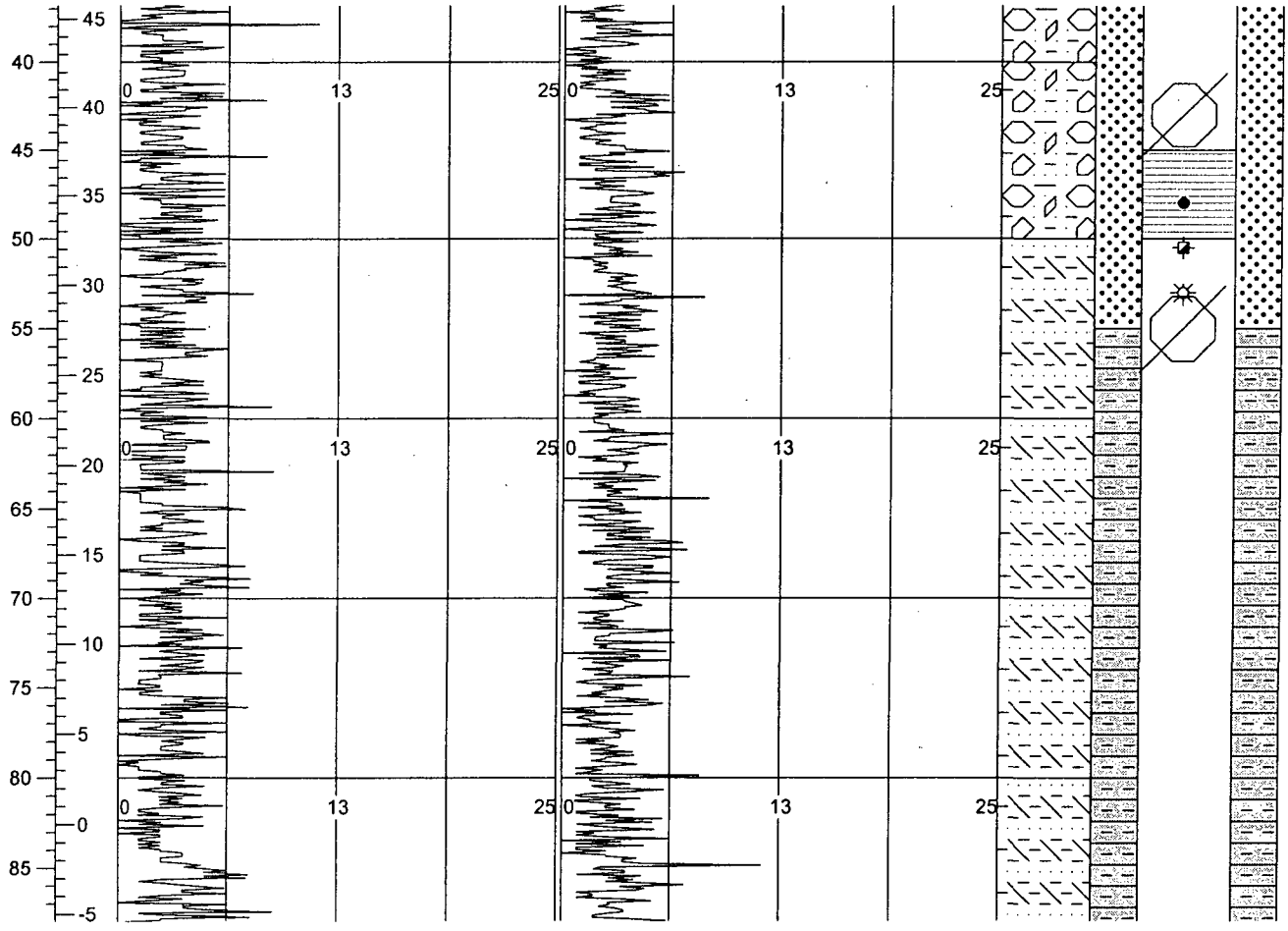
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-07 **Boring Location:** St James South
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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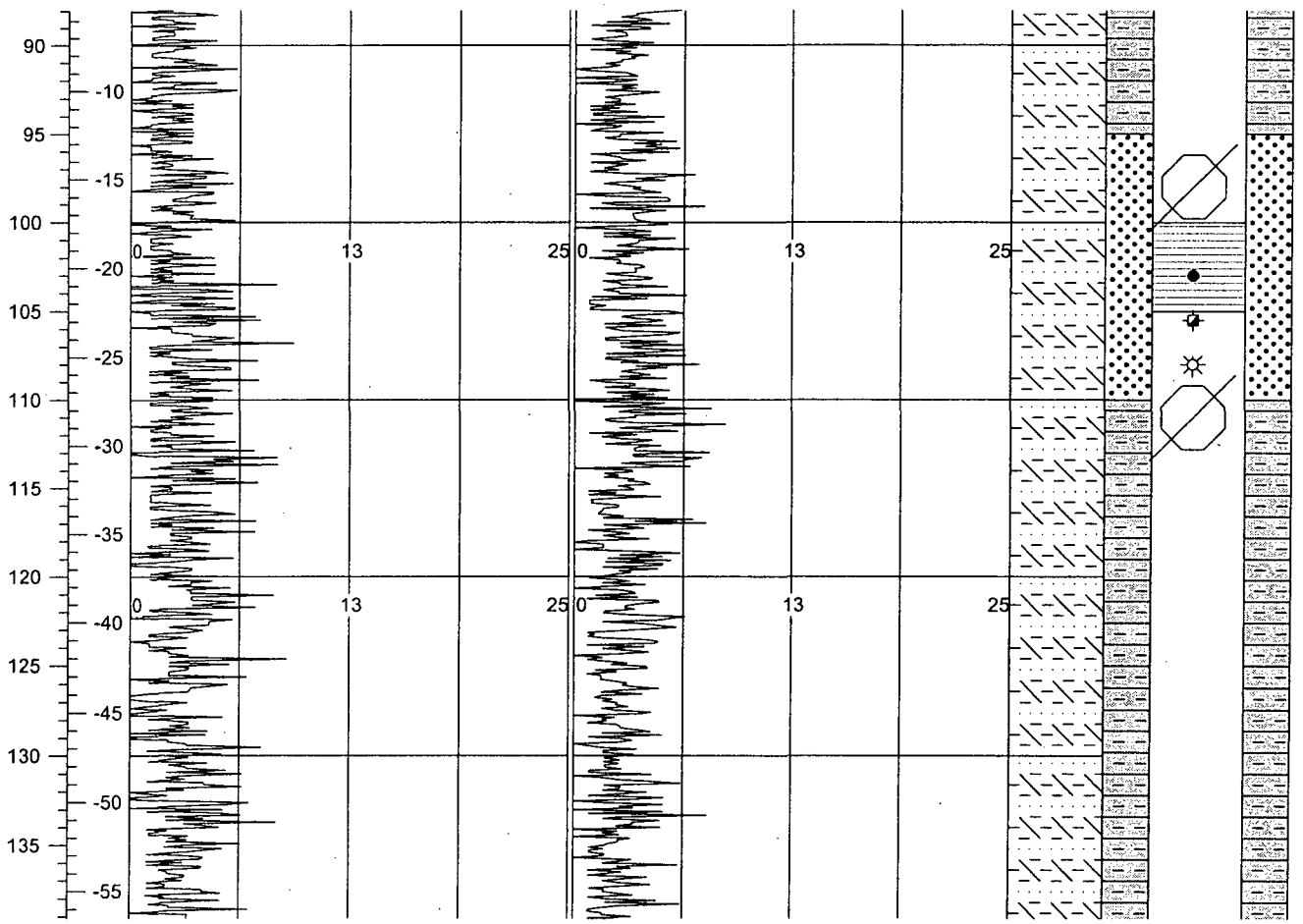
- 4-inch Stainless Steel Screen, No. 10 slot

CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-07 **Boring Location:** St James South
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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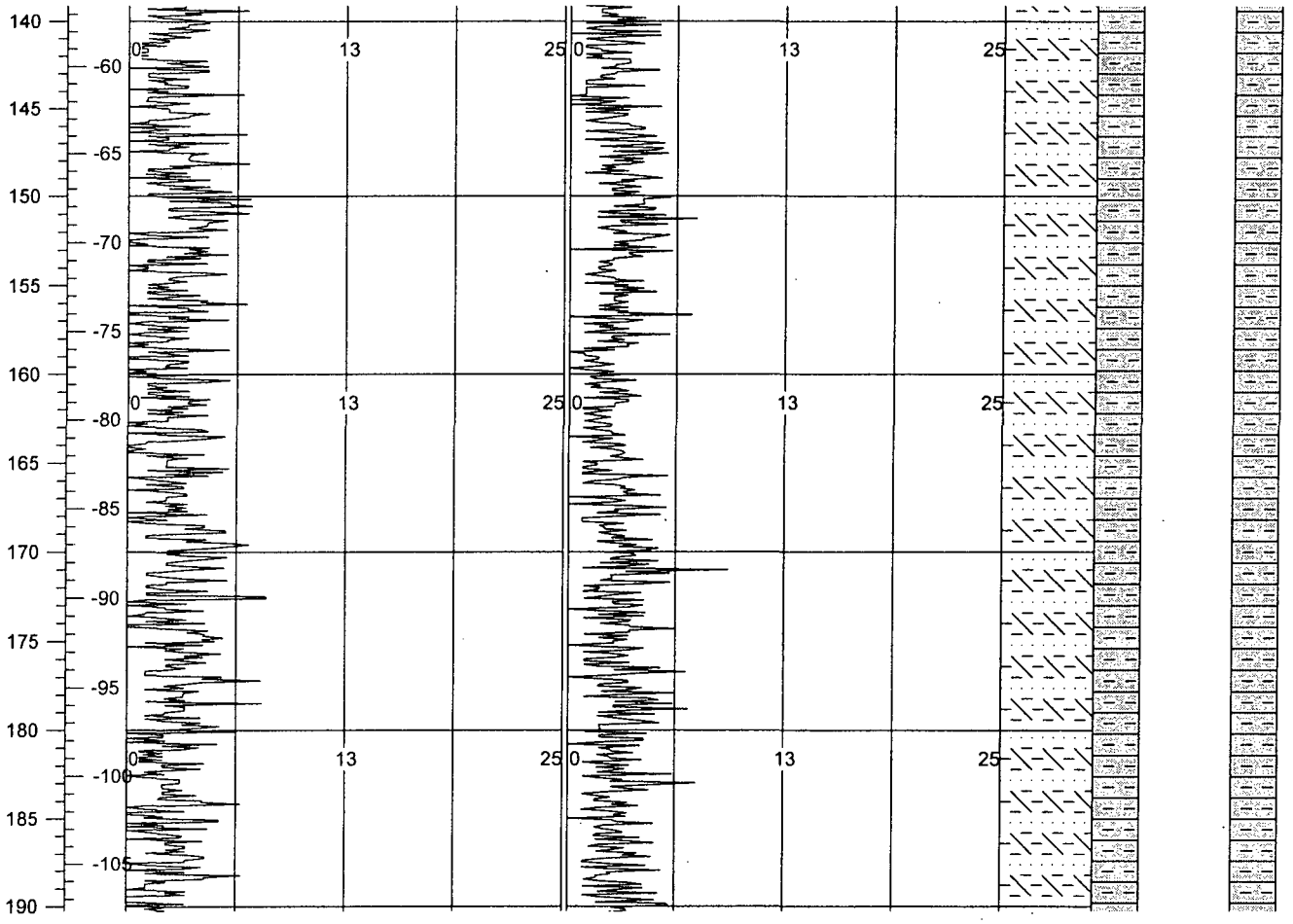
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-07 **Boring Location:** St James South
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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- Bentonite/Sand Seal
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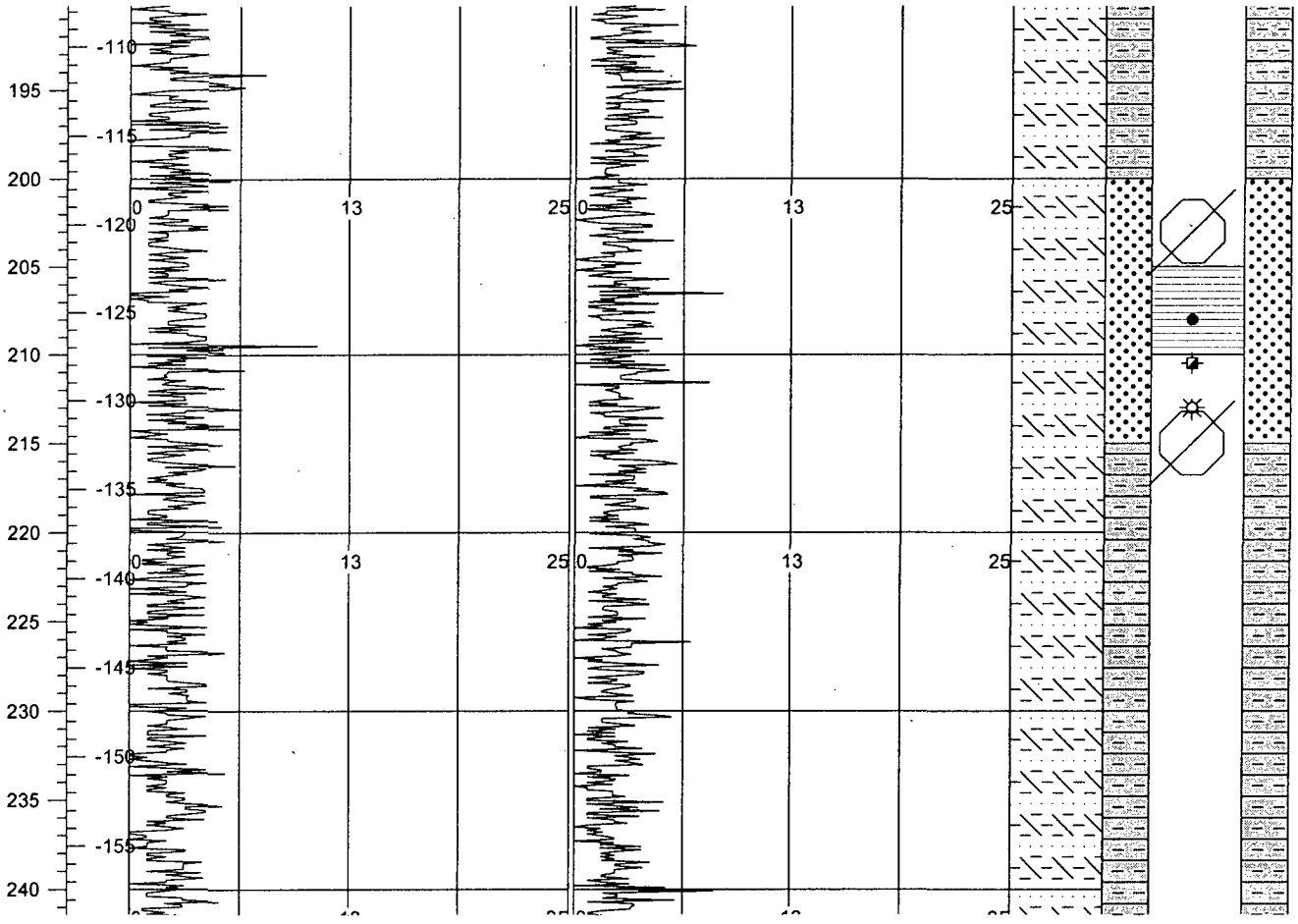
- 4-inch Stainless Steel Screen, No. 10 slot

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-07 **Boring Location:** St James South
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146



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msl = mean sea level
GSE= ground surface elevation

Horizontal Datum: NAD83
Horizontal Coordinate System: New York State Plane
Vertical Datum: NGVD 88
Units: feet bgs

Well Construction Materials Symbol Key

- Westbay Sampling Port
- Westbay Pumping/ Purge Port
- Magnetic Collar
- Westbay Packer (not to scale)
- Magothy Formation
- Cement/Bentonite Grout
- #1 Sand Filter Pack
- Glacial Outwash
- Bentonite/Sand Seal
- 4-inch Stainless Steel Well Casing
- 4-inch Stainless Steel Screen, No. 10 slot

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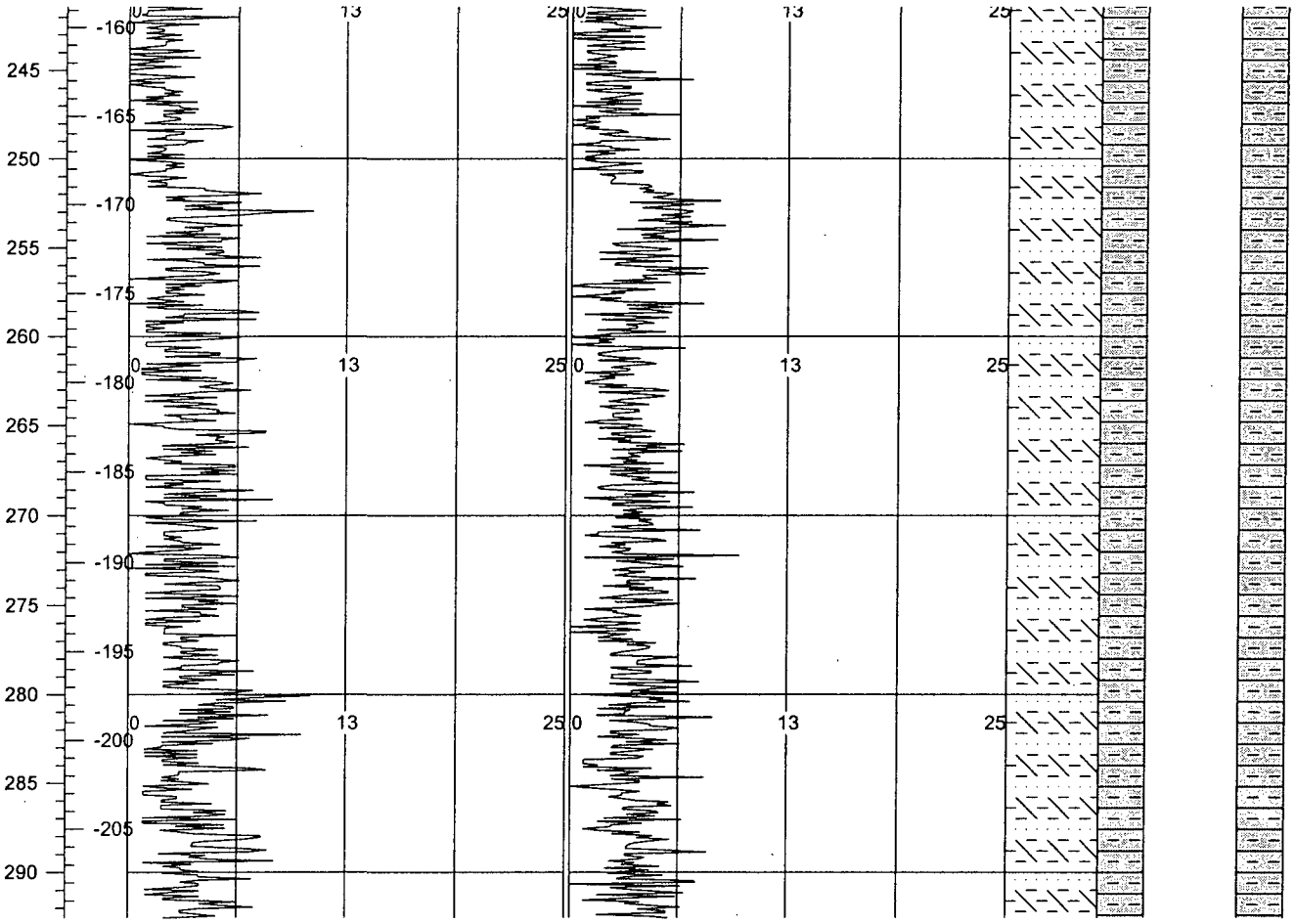

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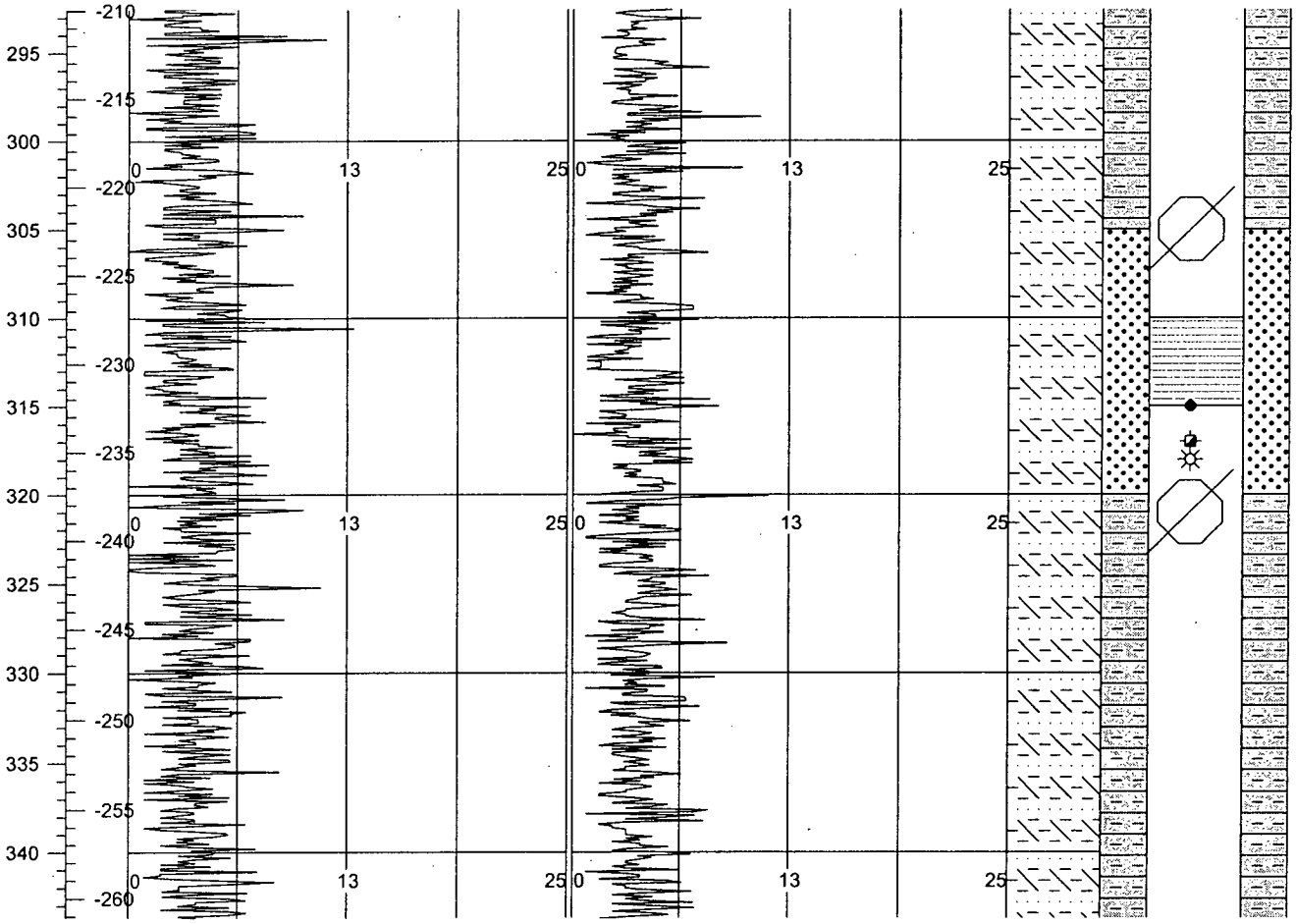

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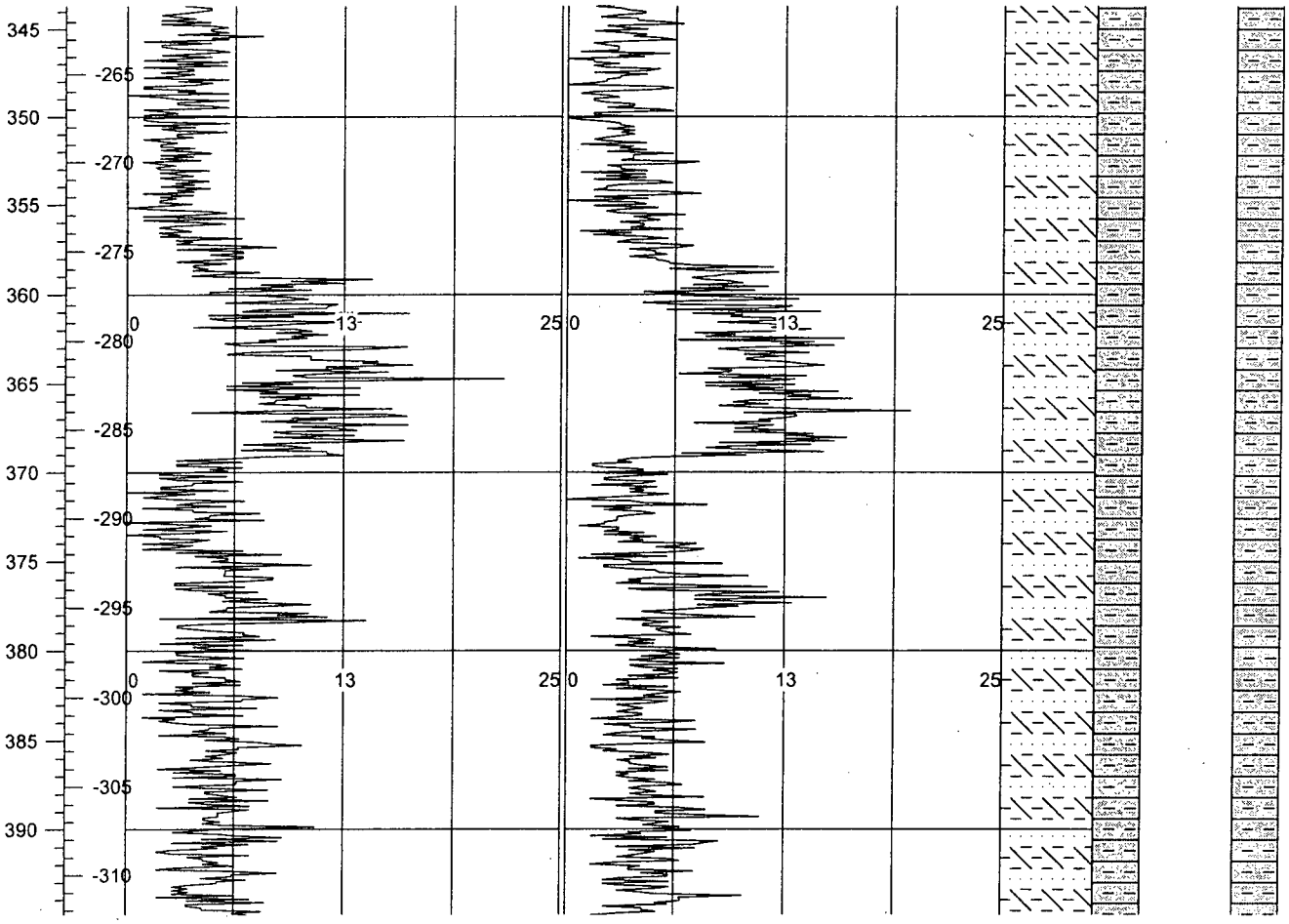

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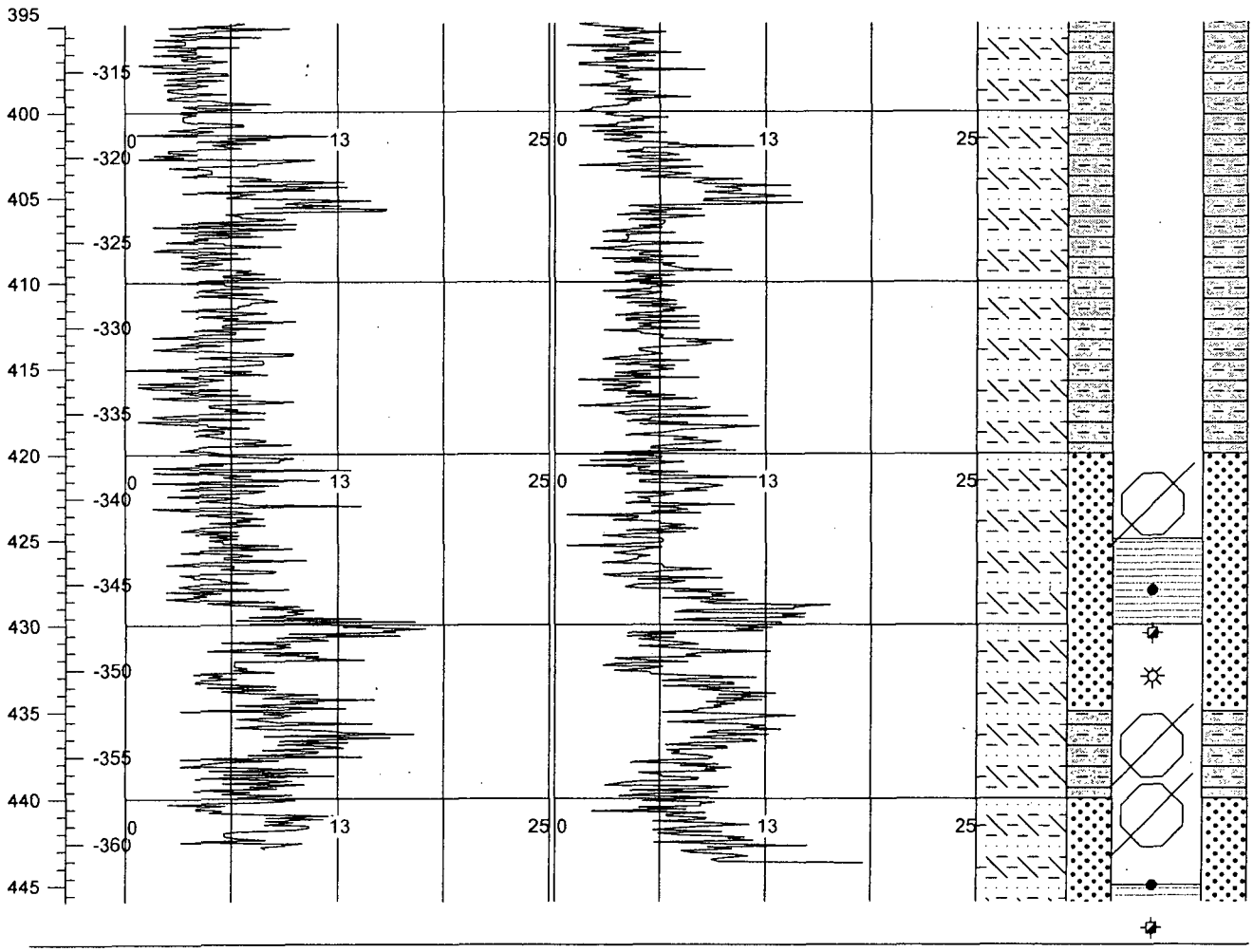

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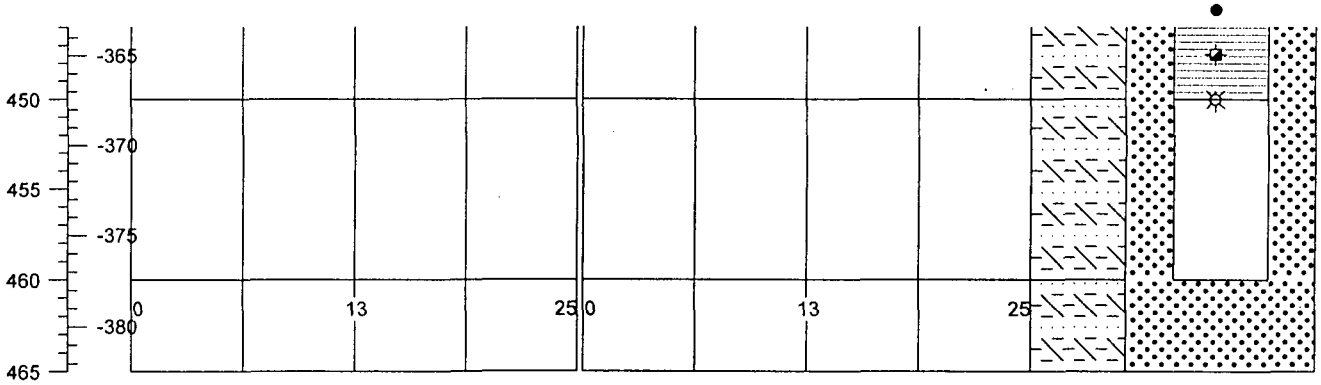

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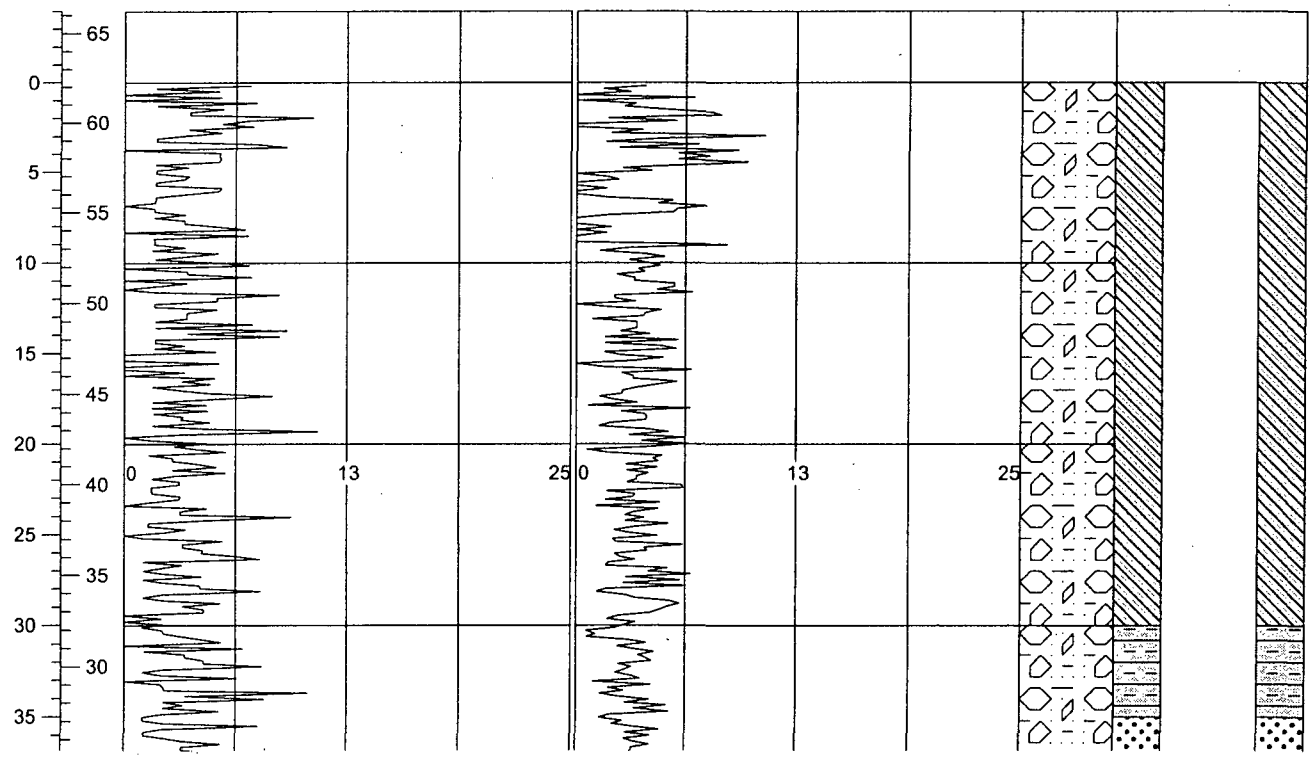
CDM 125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-08 (N-13644) **Boring Location:** Clinton Road Park
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York	**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146
Drilling Contractor: Aquifer Drilling & Testing (ADT) **Drilling Method:** Hollow Stem Auger **Sample Method:** Bladder Pump (groundwater screening) **Date Started:** 09/28/05 **Date Completed:** 03/03/06 **Logged By:** Tonya M. Bennett (CDM)	**Northing:** 201715.64 **Easting:** 1089457.37 **GSE (ft. above msl):** 62.26 **Total Depth (ft bgs):** 450 ft bgs **Initial Depth to Water (ft bgs):** 26.95 ft bgs **Field Screening Instrument:** MiniRAE 2000



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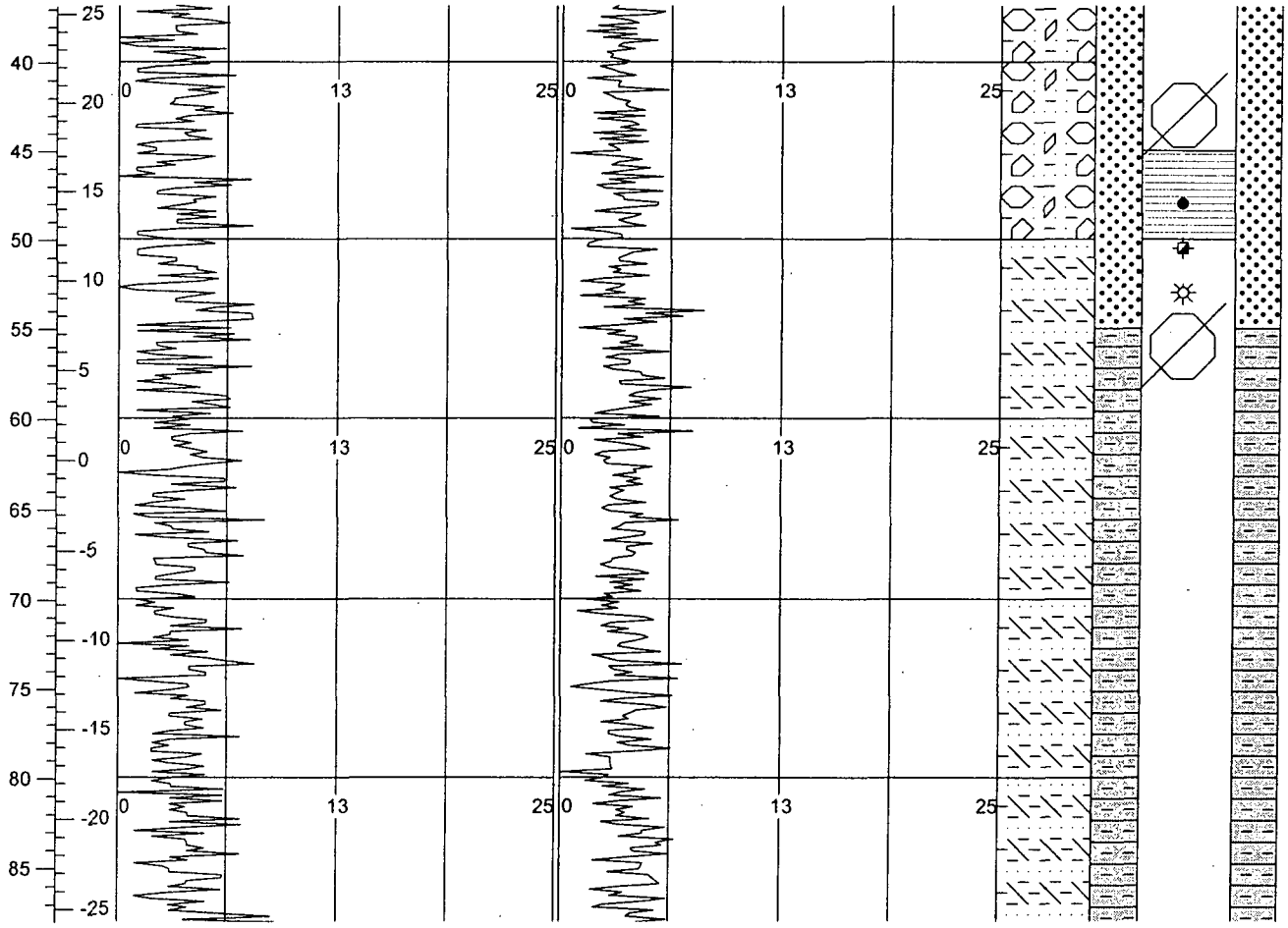
301429

CDM	125 Maiden Lane, 5th Floor New York, NY 10038	**Boring Name:** SVP-08 **Boring Location:** Clinton Road Park
Client: U.S. Environmental Protection Agency **Site Location:** Garden City, New York		**Project Name:** Roosevelt Field RI/FS **Project Number:** 3223-146

Depth (ft bgs)	Elevation (ft. msl)	Natural Gamma Radiation Up Direction (counts per second)	Natural Gamma Radiation Down Direction (counts per second)	Graphic Log	Well Construction



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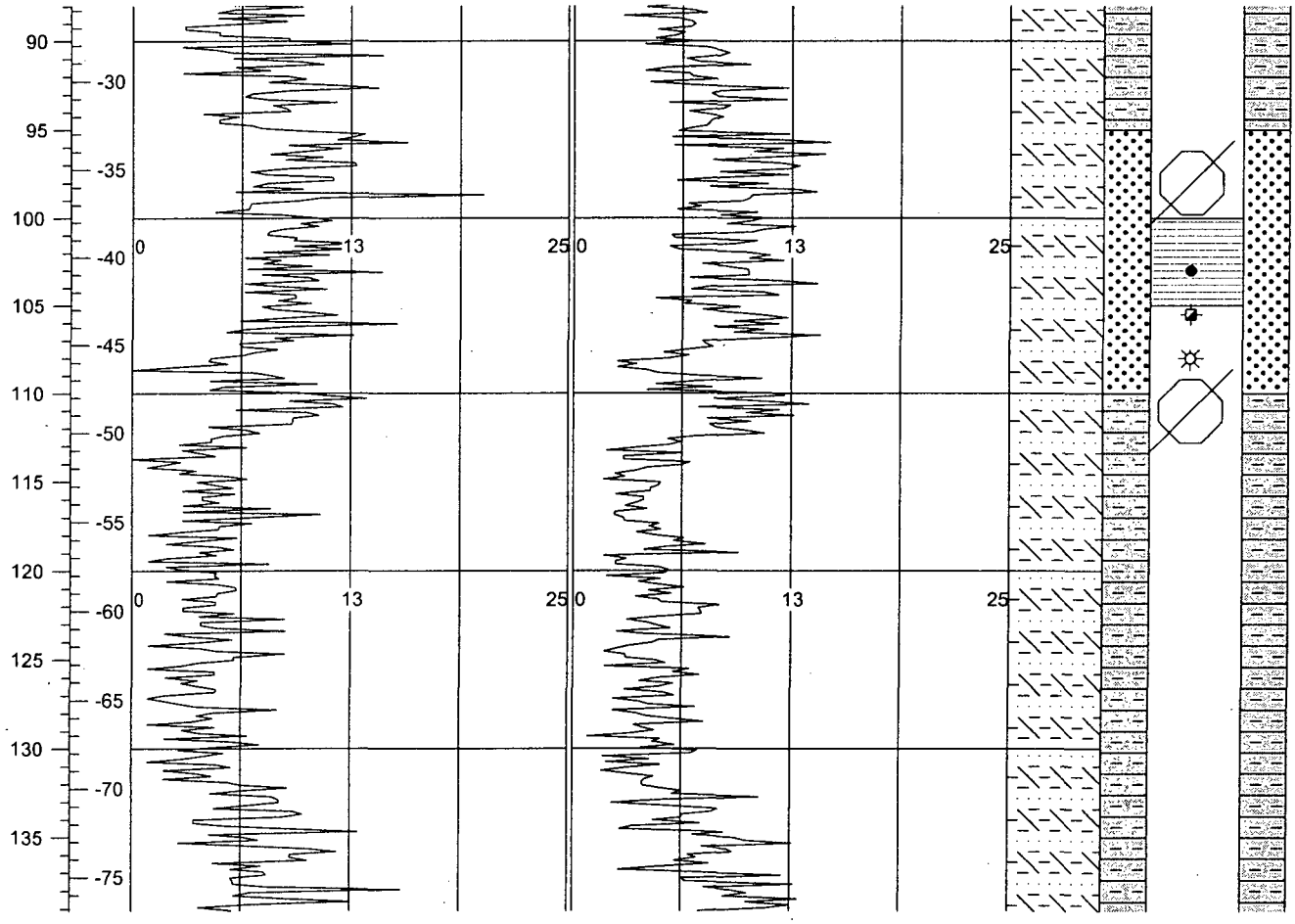

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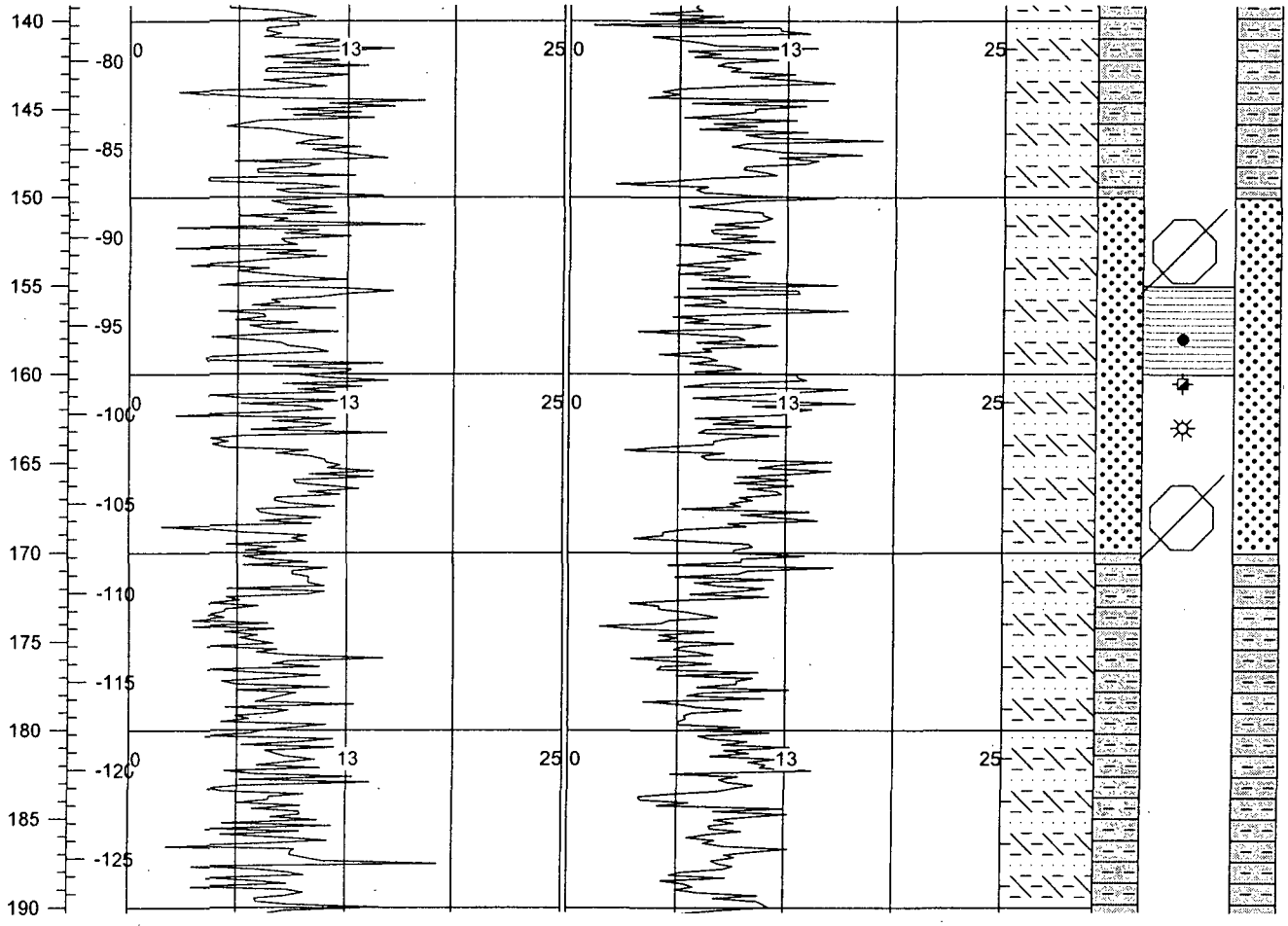

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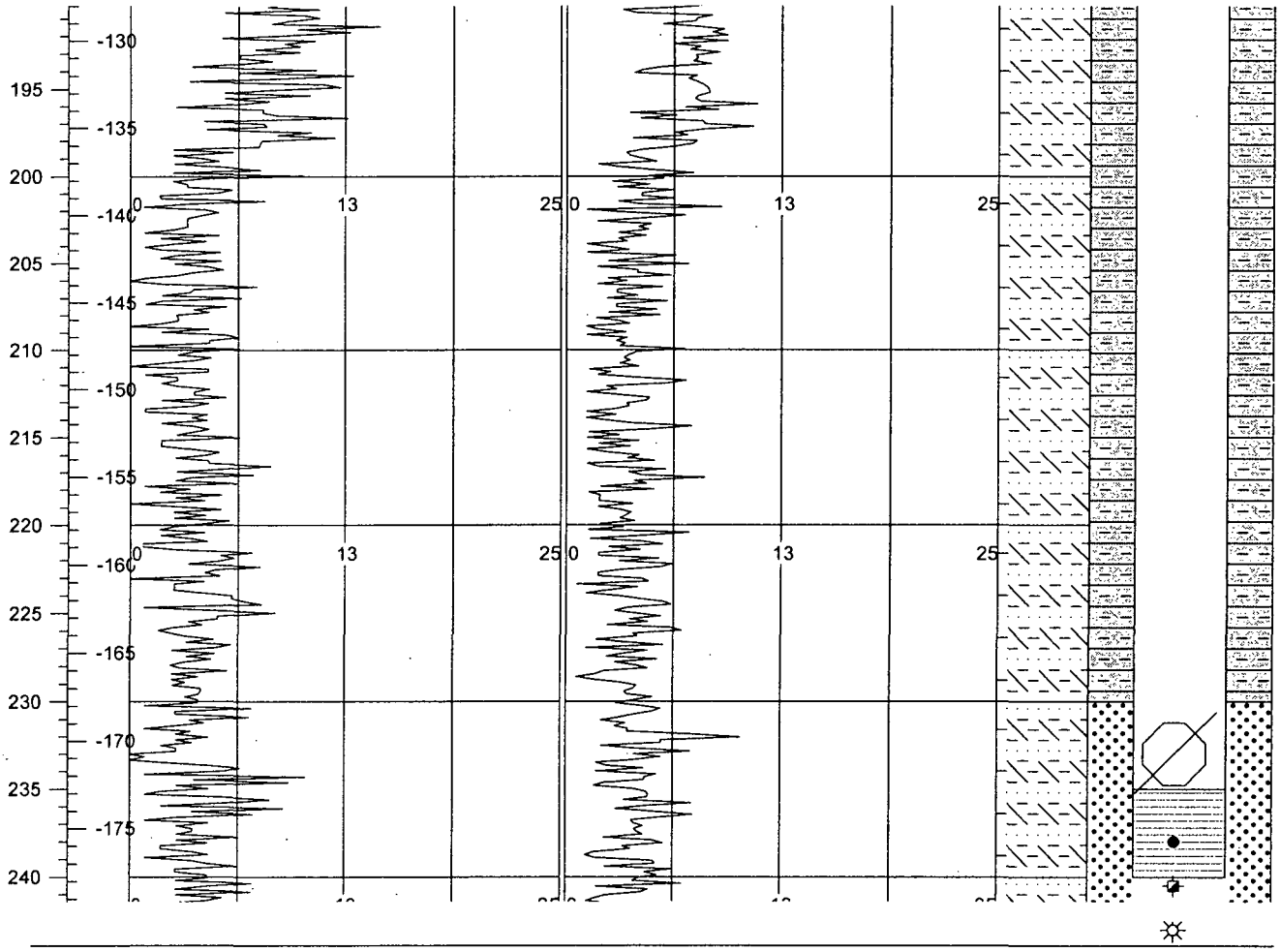

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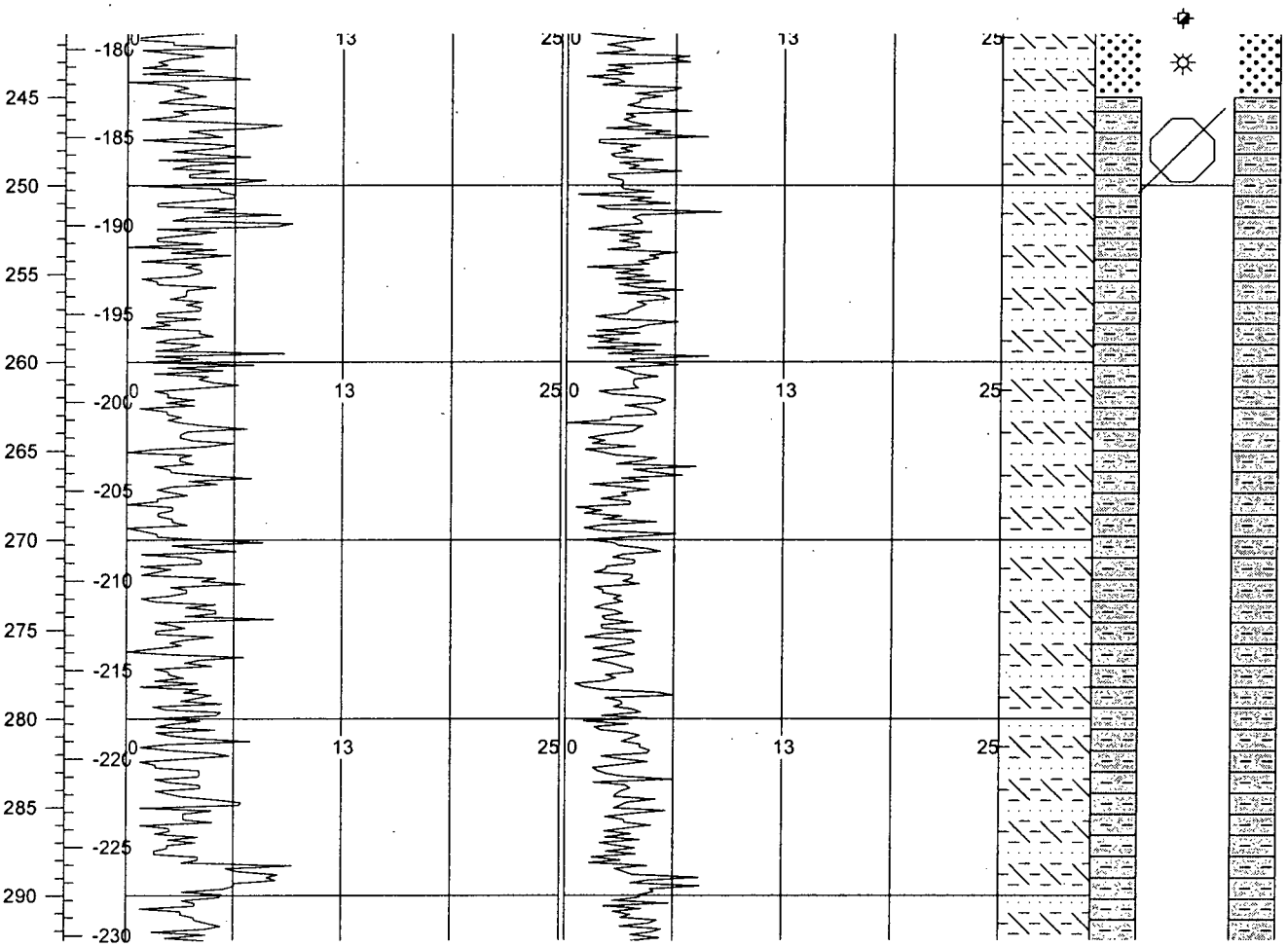

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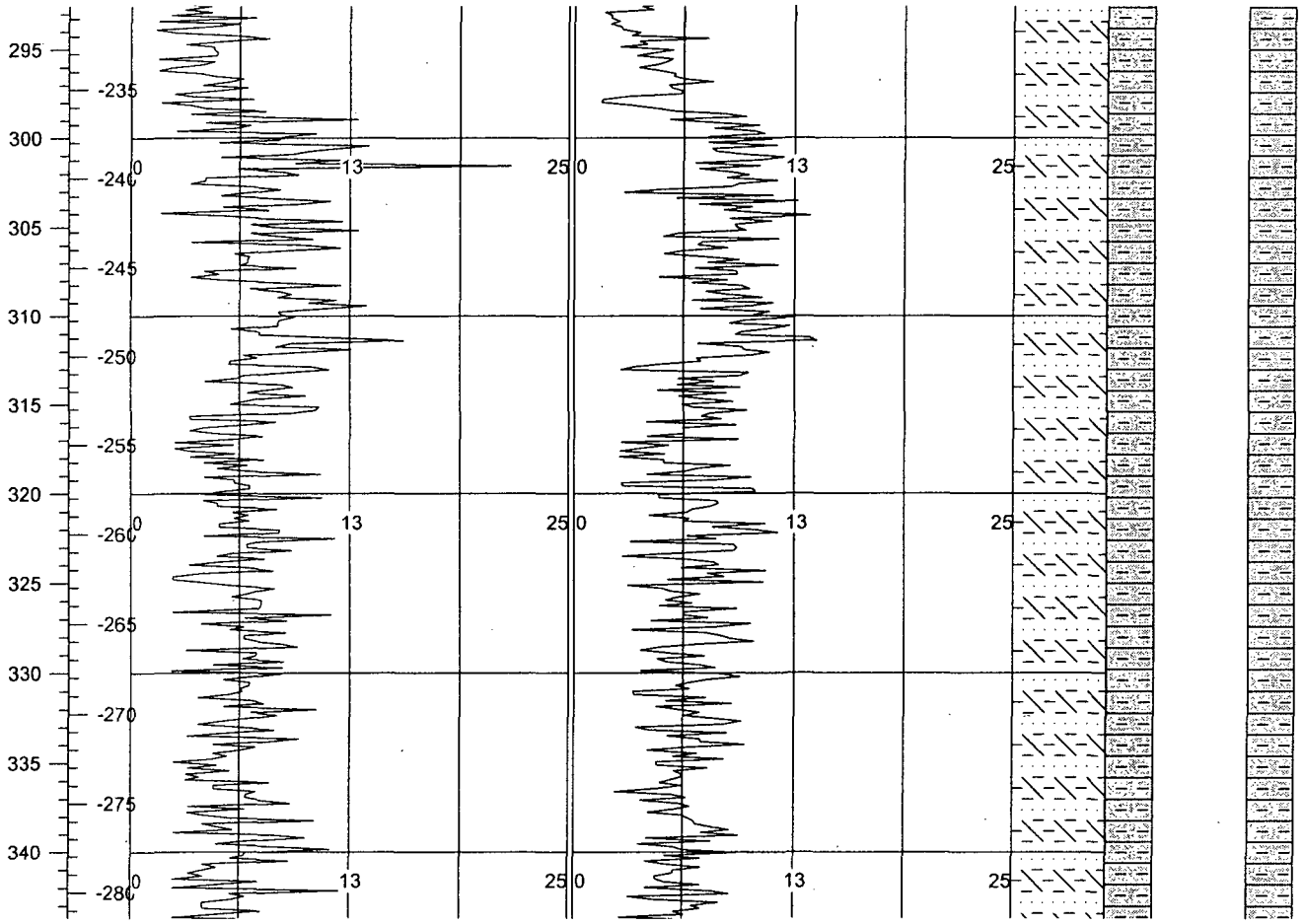

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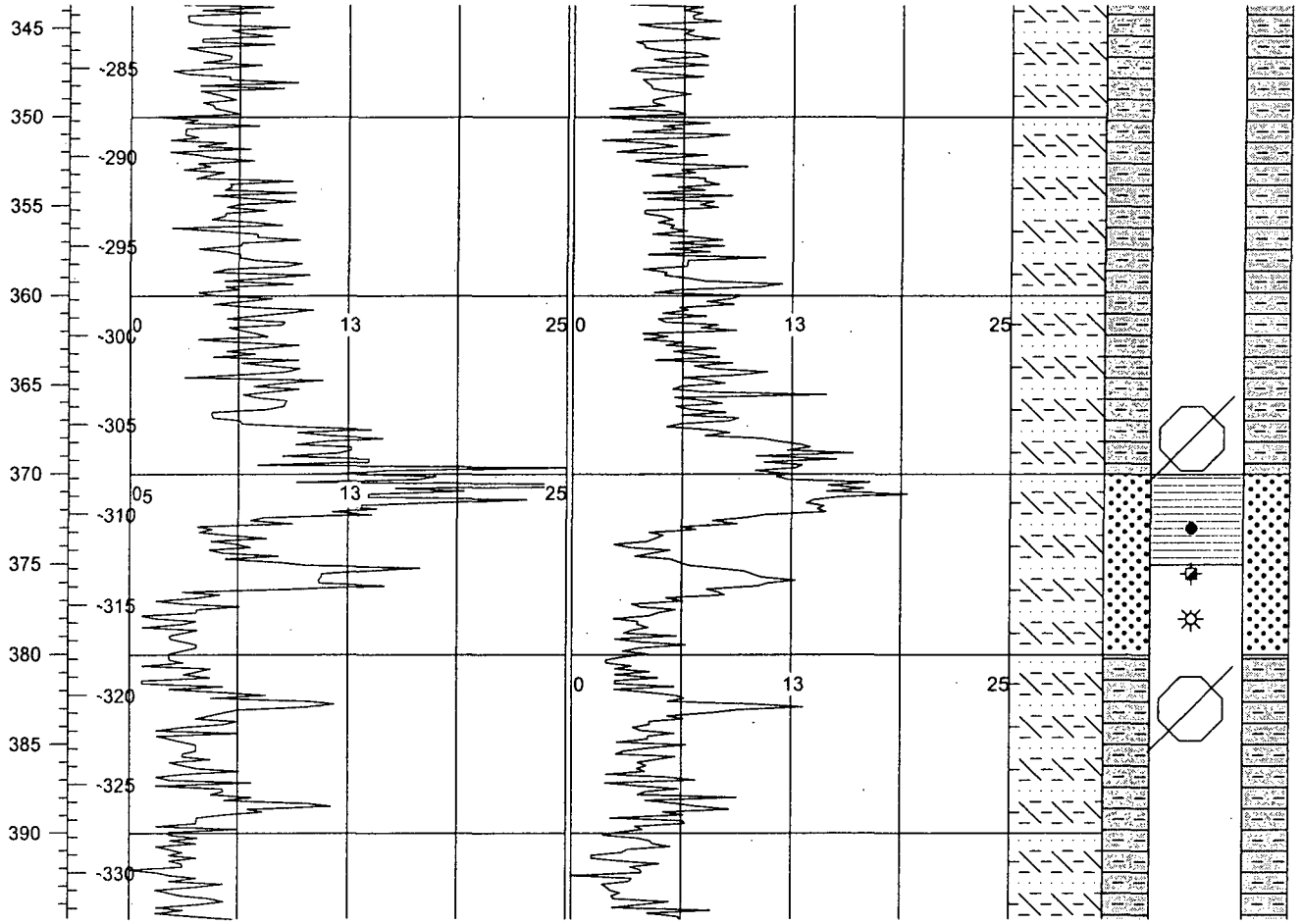

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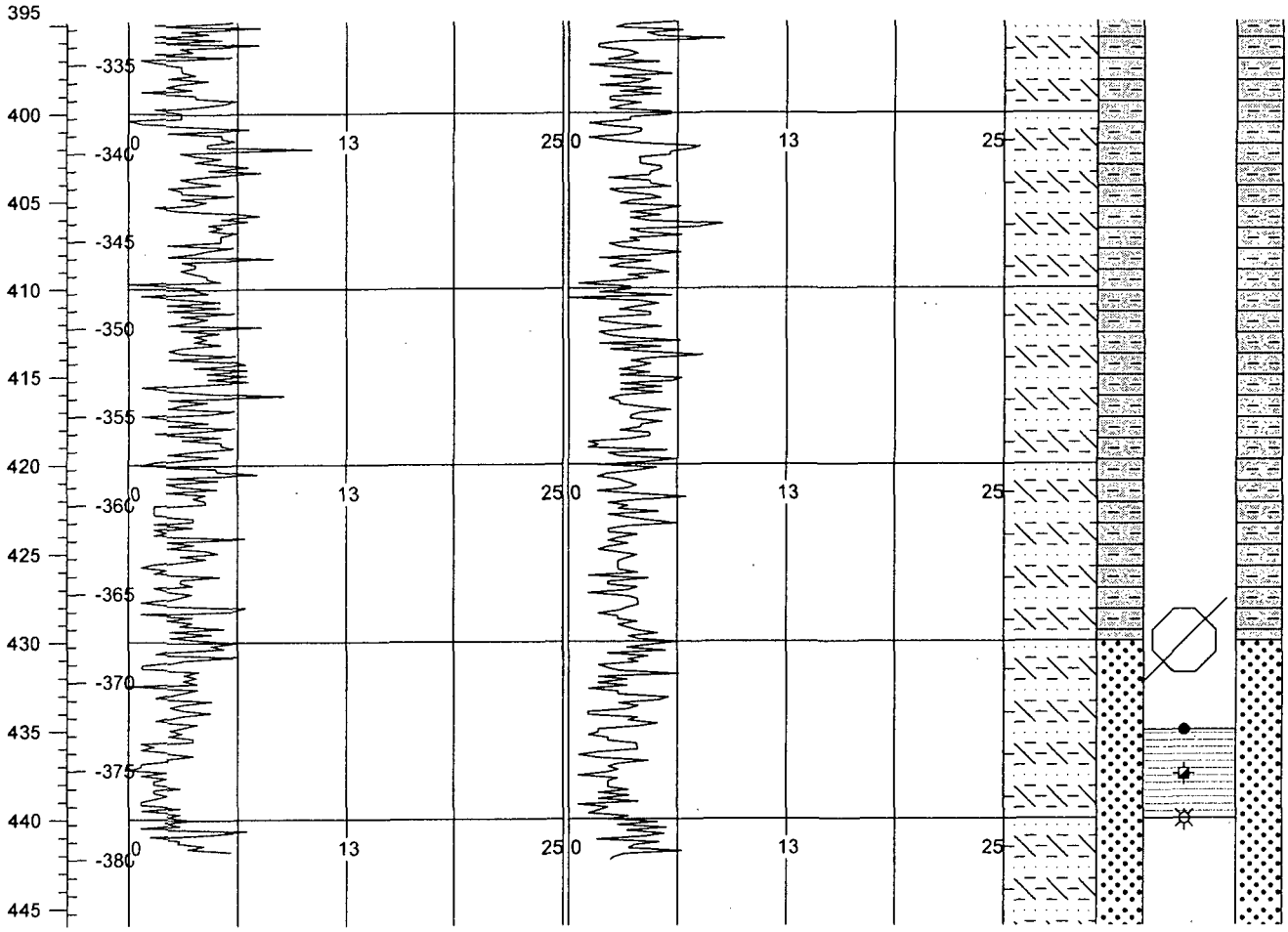

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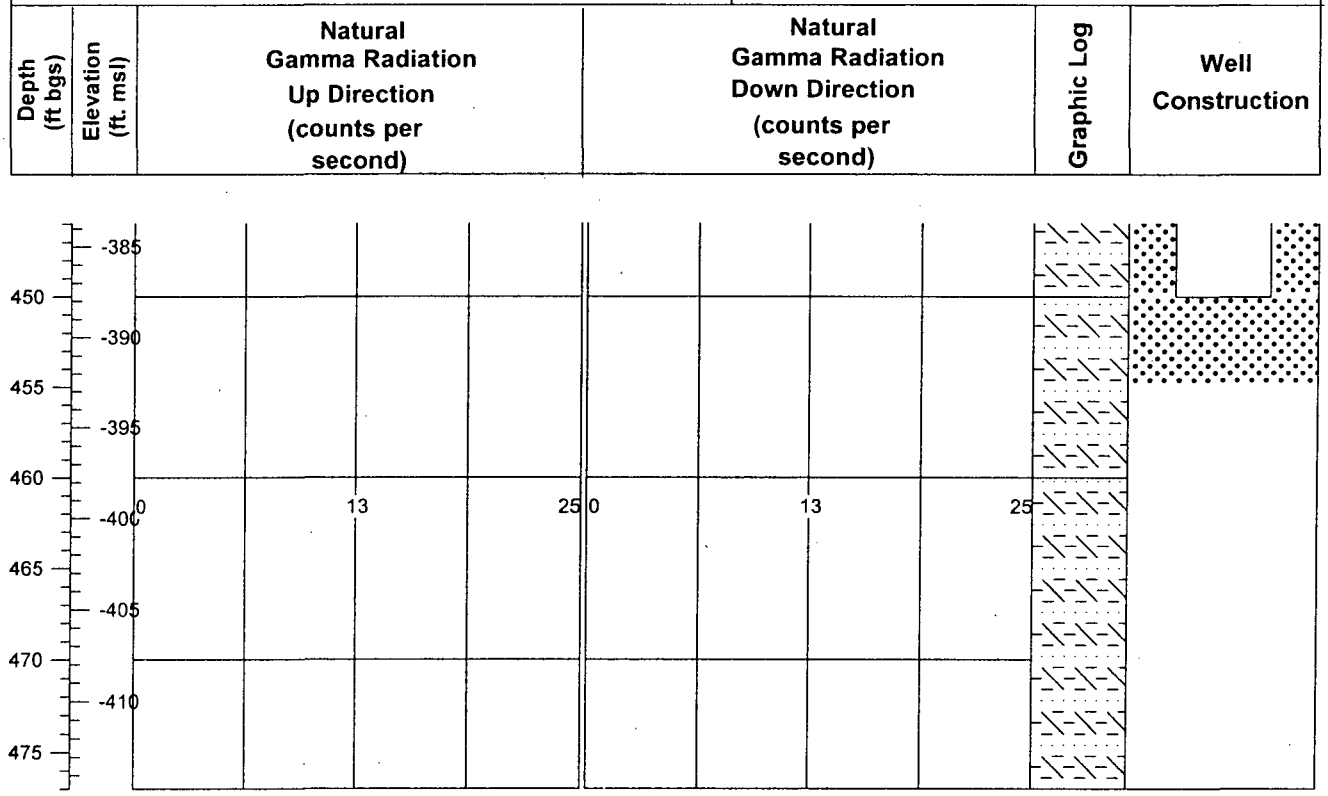

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Appendix F

Appendix F

Multi-port Well Sampling Forms

- Round 1
- Round 2

Round 1

301441

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SVP-1
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: FIH2270901803
Probe Range: 250 PSI
Westbay Casing Type: 2" PVC

Date: 4/12/06
Client: USEPA
Job No.: ROOSEVELT
Location:
Weather: PARTLY CLOUDY, 52°F
Operator: J. BOGART

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Op) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Oz).

Ambient Reading (P_{amb}) (pressure, temperature, time)
Start: 14.70 Finish: 14.71
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Outside Casing (P2)	Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Oz = Dp - H	Comments
1	450	448.10	450	183.89	197.60	183.89	12.71	0943			
2	403	401	403	163.52	177.37	163.52	12.66	0950			
3	373	372	373	150.52	164.45	150.52	12.70	1000			
4	318	317	318	126.75	140.76	126.75	12.82	1005			
5	293	292	293	115.85	129.99	115.85	12.96	1010			
6	253	252	253	98.52	112.80	98.52	13.10	1013			
7	203	203	203	76.81	91.26	76.81	13.20	1016			
8	153	153	153	55.09	69.81	55.09	13.39	1020			
9	103	104	103	33.35	48.31	33.36	13.53	1025			
10	53	54	53	14.91	26.78	14.91	13.76	1030			

SVB 4/12/06

SVB 4/12/06

Notes: w = 0.433 psi/ft (1.422psi/m) of H_2O — Oz = piezometric level in zone — Patm = atmospheric pressure
Dp = true depth of measurement port

301442

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: ROOSEVELT
Monitoring Well No.: 1
Sampling Zone No(s): 12, 4-10

Date: 4/12/06
Start Time: 0727 Atm. Rdg: 14.90
End Time: _____ Atm. Rdg: _____
Operators: _____

Shoe in ✓ Arm in ✓

	Ref. No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
			Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay (PSIA)	Shoe Out	Zone Pressure (PSIA)	Open Valve	Zone Pressure (PSIA)	Close Valve	Shoe In	Pressure in Westbay (PSIA)	
1035	1																			
0727	2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	183.84	✓	197.57	✓	3.06	✓	✓	183.92	NO YIELD
1040	1	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	183.69	✓	197.55	✓	3.06	✓	✓	183.92	PROBLEM W/ PORT
1110	2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	163.54	✓	177.32	✓	177.32	✓	✓	163.55	SAMPLE 1120
1134	4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	126.67	✓	140.70	✓	140.70	✓	✓	126.67	SAMPLE 1145
1157	5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	115.83	✓	129.92	✓	129.91	✓	✓	115.84	SAMPLE 1210
1315	6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	98.50	✓	112.68	✓	112.68	✓	✓	98.51	SAMPLE 1345
1350	7	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	76.83	✓	91.13	✓	91.13	✓	✓	76.83	SAMPLE 1400
1415	8	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	55.07	✓	69.71	✓	69.71	✓	✓	55.07	SAMPLE 1430
1440	9	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	33.33	✓	48.23	✓	48.23	✓	✓	33.33	SAMPLE 1450
1500	10	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	14.85	✓	26.73	✓	26.73	✓	✓	14.90	SAMPLE 1510
											JV	D 4/12/06								

Additional measurements: (pH, turbidity, S.C., etc.)

301443

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: ROOSEVELT FIELD
Monitoring Well No.: SVP-01
Sampling Zone No(s).: 1, 3

Date: 4/13/06
Start Time: 0928 Atm. Rdg:
End Time: Atm. Rdg:
Operators: JVB, FS

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay psig	Shoe Out	Zone Pressure psig	Open Valve	Zone Pressure psig	Close Valve	Shoe In	Pressure in Westbay psig	
0930 1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	184.34	✓	196.01	✓	2.22	✓	✓	184.20	NO YIELD
3	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	152.33	✓	163.31	✓	163.30	✓	✓	152.31	filled VOAs
1	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	152.26	✓	163.26	✓	163.25	✓	✓	152.29	filled poly s
	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	152.27	✓	163.24	✓	163.24	✓	✓	152.19	
	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	152.20	✓	163.21	✓	163.20	✓	✓	152.19	
	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	152.18	✓	163.21	✓	163.20	✓	✓	152.15	
	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	152.16	✓	163.19	✓	163.18	✓	✓	152.16	
	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	152.07	✓	163.15	✓	163.14	✓	✓	152.12	filled ambers
	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	152	✓	163	✓	163	✓	✓	152	
	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	152.09	✓	163.12	✓	163.13	✓	✓	152.11	slight sheen
	11	✓	✓	✓	✓	✓	✓	✓	✓	✓	152.01	✓	163.10	✓	163.10	✓	✓	151.99	
	12	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓		✓	✓		
	13	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓		✓	✓		
	14	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.87	✓	163.06	✓	163.05	✓	✓	151.80	
↓	15	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.83	✓	163.06	✓	163.05	✓	✓	151.83	

301444

Additional Comments: (pH, turbidity, S.C., etc.)

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: ROOSEVELT FIELD
Monitoring Well No.: SVP-01
Sampling Zone No(s).: 3

Date: 4/13/06
Start Time: see sheet 1 Atm. Rdg: →
End Time: _____ Atm. Rdg: _____
Operators: JVP, AS

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay PSIA	Shoe Out	Zone Pressure PSIA	Open Valve	Zone Pressure PSIA	Close Valve	Shoe In	Pressure in Westbay PSIA	
3	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.73	✓	163.05	✓		✓	✓		ambers
1	17	✓	✓	✓	✓	–	–	✓	✓	✓		–		✓		✓	✓		↓
1	15	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.71	✓	163.48	✓	163.48	✓	✓	151.68	↓
↓	19	✓	–	✓	✓	✓	✓	✓	✓	✓		✓		–		✓	–		amber, YSI, turb

Additional ents: (pH, turbidity, S.C., etc.)

15.16 360 0.01 7.68 153.6 13

JVP 4/13/06

301445

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 4/12/06 **WELL #:** SVP-01

TIME: 1120 **DEPTH OF PUMP:** Ports 2, 4-10

WEATHER CONDITIONS: ~65°, sunny **SAMPLERS:** JVB, TH

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1120	2				7.71	314	10	0.28	15.69	195.9
1145	4				7.36	302	11	1.93	15.04	191.3
1210	5				7.01	330	14	0.48	15.86	211.2
1345	6				7.15	324	11	0.63	15.88	203.8
1400	7				7.27	247	24	0.16	15.17	252.0
1430	8				7.15	195	6.5	0.13	15.81	197.9
1450	9				7.04	88	18	1.72	16.13	233.5
1510	10				7.20	96	8.6	0.73	16.62	245.5

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

REV 5/01

301446

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 4/13/06 **WELL #:** SVP-01

TIME: 1620 **DEPTH OF PUMP:** ———

WEATHER CONDITIONS: ~70° F, sunny **SAMPLERS:** AS, JVB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT) PORT	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1620	———		———	3	7.66	360	13	0.01	15.96	153.6
———										

JVB 4/14/06

301447

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

REV 5/01

Westbay Instruments Inc

A Schlumberger Company

Piezometric Pressures/Levels

Field Data and Calculation Sheet

Well No.: SVP-02
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: ENS 3835
Serial No.: HH 227001 1805
Probe Range: 250 PSI
Westbay Casing Type: 2" PVC

Date: 4/7/06
Client:
Job No.: Rodsacht Field
Location:
Weather: 50°C Windy
Operator: Mel K. & Adrian S.

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14.60 Finish:
P_{atm} psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Outside Casing (P2)	Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
1	450	447	450	195.05	194.96	195.05	13.97	10:23			450 - 455
2	413	411	413	179.00	178.99	179.00	13.50	10:26			410 - 415
3	373	370	373	161.76	161.74	161.76	13.41	10:32			370 - 375
4	333	332	333	144.47	144.46	144.47	13.57	10:34			330 - 335
5	293	292	293	127.17	127.18	127.17	13.91	10:36			290 - 295
6	253	251	253	109.86	109.91	109.86	14.34	10:40			250 - 255
7	193	191	193	83.93	84.05	83.93	14.77	10:42			190 - 195
8	153	152	153	66.61	66.85	66.61	15.20	10:44			150 - 155
9	103	102	103	44.95	45.32	44.95	15.46	10:46			100 - 105
10	63	52	53	23.78	23.70	23.78	15.88	10:49			60 - 55

Notes: w = 0.433 psi/ft (1.422psi/m) of H_2O Dz = piezometric level in zone Patm = atmospheric pressure
Dp = true depth of measurement port

301448

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: SVP-02
Monitoring Well No.:
Sampling Zone No(s).:

Date: 4-7-06
Start Time: 14.60 Atm. Rdg: ✓
End Time: Atm. Rdg:
Operators:

	Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
			Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1059	1	1	0	0	0	0	0	0	0	0	0	195.03	0	194.95	0	194.95	0	0	195.03	LDL VOC
1118	2	1	0	0	0	0	0	0	0	0	0	179.05	0	179.00	0	179.00	0	0	179.05	LDL VOC
1133	3	1	0	0	0	0	0	0	0	0	0	161.76	0	161.75	0	161.75	0	0	161.76	LDL VOC
1150	4	1	0	0	0	0	0	0	0	0	0	144.50	0	144.50	0	144.50	0	0	144.50	LDL VOC
1210	5	1	0	0	0	0	0	0	0	0	0	127.22	0	127.22	0	127.22	0	0	127.22	LDL VOC
at #7 1210	6	1	0	0	0	0	0	0	0	0	0	83.97	0	84.02	0	84.02	0	0	83.97	LDL VOC
1252	8	1	0	0	0	0	0	0	0	0	0	66.67	0	66.86	0	66.86	0	0	66.67	LDL VOC
1308 →	9	1	0	0	0	0	0	0	0	0	0	45.03	0	45.28	0	45.28	0	0	45.03	LDL VOC
1325	10	1	0	0	0	0	0	0	0	0	0	23.35	0	23.66	0	23.66	0	0	23.35	LDL VOC

Additional [illegible]ments: (pH, turbidity, S.C., etc.)

301449

301450

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: Roosevelt Field
Monitoring Well No.: SVP-C2
Sampling Zone No(s).: 6

Date: 4/10/06
Start Time: 0930 Atm. Rdg: 14.85
End Time: see sheet 2 Atm. Rdg:
Operators: Adrian Steinhauff
Josh Van Bogaert

Time	Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
			Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay psig	Shoe Out	Zone Pressure psig	Open Valve	Zone Pressure psig	Close Valve	Shoe In	Pressure in Westbay psig	
0955	6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.23	✓	110.25	✓	110.25	✓	✓	110.22	
1015		2	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.18	✓	110.22	✓	110.22	✓	✓	110.19	
1035		3	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.16	✓	110.16	✓	110.20	✓	✓	110.17	
1055		4	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.15	✓	110.18	✓	110.18	✓	✓	110.15	
1112		5	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.13	✓	110.17	✓	110.18	✓	✓	110.14	
1131		6	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.14	✓	110.16	✓	110.16	✓	✓	110.12	
1149		7	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.20	✓	110.14	✓	110.14	✓	✓	110.11	
1212		8	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.09	✓	110.12	✓	110.10	✓	✓	110.08	
1235		9	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.07	✓	110.12	✓	110.11	✓	✓	110.08	
1405		10	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.14	✓	110.14	✓	110.18	✓	✓	110.14	
1427		11	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.18	✓	110.18	✓	110.19	✓	✓	110.15	
1448		12	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.18	✓	110.20	✓	110.19	✓	✓	110.17	
1523		13	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.20	✓	110.20	✓	110.19	✓	✓	110.16	
1540		14	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.22	✓	110.19	✓	110.20	✓	✓	110.18	
1558		15	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.18	✓	110.19	✓	110.21	✓	✓	110.18	

Additional Comments: (pH, turbidity, S.C., etc.)

Westbay Instruments Inc.

A Schlumberger Company

Groundwater Sampling

Field Data Sheet

Project: ROOSEVELT FIELD

Monitoring Well No.: SVP-22

Sampling Zone No(s).: 6

Date: 4/10/06

Start Time: See sheet 1 Atm. Rdg:

End Time: Atm. Rdg:

Operators: AMS, JVB

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Lanyl Probe	Pressure in Westbay psig	Shoe Out	Zone Pressure psig	Open Valve	Zone Pressure psig	Close Valve	Shoe In	Pressure in Westbay psig	
1618	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.17	✓	110.21	✓	110.20	✓	✓	110.19	
1633	17	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.15	✓	110.21	✓	110.22	✓	✓	110.19	
											JVB 4/10/06								

Additional comments: (pH, turbidity, S.C., etc.)

Sheet 2 of

301451

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 4-7-06 WELL #: SUP-02

TIME: 11:00 DEPTH OF PUMP: ———

WEATHER CONDITIONS: 50°C Cloudy Windy SAMPLERS: MK & AS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAl mV (+/- 10 mv)
4-7-06	10:59	Port #1	———		6.55	0.264	2.7	0.02	15.80	200.5
4-7-06	11:22	Port #2	———		6.07	0.354	1.7	0.00	15.18	199.7
4-7-06	11:38	Port #3	———		5.91	0.281	1.5	0.00	14.63	196.5
4-7-06	11:57	Port #4	———		5.89	0.262	3.8	0.00	14.21	195.4
4-7-06	12:18	Port #5	———		6.02	0.253	0.85	0.00	14.10	190.3
———		~~Port #6~~	———		~~5.55~~	~~0.176~~	~~0.80~~	~~0.07~~	~~13.81~~	~~203.0~~ MK
4-7-06	12:43	Port #7	———		5.55	0.176	0.80	0.07	13.81	203.0
4-7-06	12:58	Port #8	———		5.49	0.255	0.85	0.04	14.09	217.8
4-7-06	13:14	Port #9	———		6.10	0.566	50	0.02	12.83	127.3
4-7-06	13:33	Port #10	———		6.44	0.448	250	0.00	13.99	111.0

301452

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

** Taken in an open container - multi port well

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 4/10/06 **WELL #:** SVP-02

TIME: 1300 **DEPTH OF PUMP:** port #6 (250-255)

WEATHER CONDITIONS: Sunny + clear. warm. 62°F. **SAMPLERS:** ADRIAN STEINHAUFF / JOSH

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm °C (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1255					6.83	251	0.20	.02	16.8	120.8
1645					6.67	253	0.00	-.06	15.21	151.7

JVB 4/10/06

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

REV 5/01

301453

Westbay Instruments Inc
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SVOP-03
Datum: _____
Elev. G.S.: _____
Height of Westbay above G.S.: _____
Elev. top of Westbay Casing: _____
Reference Elevation: _____
Borehole angle: _____

Probe Type: GMS 3835
Serial No.: H H 227001 1803
Probe Range: 250 PSI
Westbay Casing Type: 2" PVC

Date: 3/27/04
Client: _____
Job No.: _____
Location: _____
Weather: 52°C Sunny
Operator: _____

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14.70 Finish: 14.72
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Fluid Pressure Readings: Outside Casing (P2)	Fluid Pressure Readings: Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments: Casing	Comments: SDM
1	450	452	450	196.92	196.46	196.92	14.12	15:16			450 - 455'	"G"
2	393	395	393	172.17	171.87	172.17	13.86	15:25			390 - 395	"F"
3	373	375	373	163.49	163.24	163.49	13.97	15:30			370 - 375	"E"
4	293	295	293	128.76	128.78	128.76	14.79	15:35			290 - 295	"D"
5	173	176	173	76.65	77.06	76.65	15.99	15:40			170 - 175	"C"
6	103	106.1	103	46.20	46.88	46.20	16.74	15:44			100 - 105	"B"
7	53	55.8	53	24.45	25.13	24.45	16.91	15:48			50 - 55	"A"

301454

Notes: w = 0.433 psi/ ft (1.422psi/m) of H_2O Dz = piezometric level in zone Patm = atmospheric pressure
H = pressure head of water in zone Dp = true depth of measurement port

* counter give or take 4 feet

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: _____
Monitoring Well No.: SUP-03
Sampling Zone No(s).: _____

Date: 3-27-06
Start Time: 14.72 Atm. Rdg: _____
End Time: _____ Atm. Rdg: _____
Operators: _____

Shoe in Arm in

	Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
			Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1605	1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	197.86	196.36	196.36	✓	135.92	✓	✓	197.86	LDL VOC
1655	2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	173.05	✓	171.73	✓	3.25	Failed			LDL VOC
1725	2	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	173.03	✓	171.76	✓	2.63	Failed			LDL VOC
1035	2	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	172.99	✓	171.67	✓	6.45	✓	173.00 →	✓	LDL VOC
1117	3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	166.25	✓	163.02	✓	16.51	✓	✓	166.25	Everything
1155	3	2	✓	✓	✓	✓	○	○	○	○	○	173.86	✓	171.63	✓	11.29	○	✓	171.86	" "
1215	3	3	✓	✓	✓	✓	○	○	○	○	○	173.85	✓	171.67	○	11.59	○	✓	173.85	" "
1245	3	4	○	○	○	○	○	○	○	○	○	173.80	○	171.67	○	11.55	○	○	173.80	" "
1345	3	5	○	○	○	○	○	○	○	○	○	173.75	○	171.73	○	10.17	○	○	173.75	" "
1355	3	6	○	○	○	○	○	○	○	○	○	173.71	○	171.75	○	11.87	○	○	173.71	" "
1425	3	7	○	○	○	○	○	○	○	○	○	173.66	○	171.77	○	11.05	○	○	173.66	" "
1445	3	8	○	○	○	○	○	○	○	○	○	173.63	○	171.77	○	11.15	○	○	173.63	" "
1515	4	1	○	○	○	○	○	○	○	○	○	129.18	○	128.72	○	15.04	○	○	129.18	LDL VOC
1125	5	1	○	○	○	○	○	○	○	○	○	77.03	○	77.04	○	9.69	○	○	77.03	LDL VOC
1649	6	1	○	○	○	○	○	○	○	○	○	46.58	○	46.89	○	18.94	○	○	46.58	LDL VOC
1710	7	1	○	○	○	○	○	○	○	○	○	24.80	○	25.26	○	9.72	○	○	24.80	LDL VOC

301455

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-27-06 WELL #: SUP-03

TIME: ——— DEPTH OF PUMP: ———

WEATHER CONDITIONS: 60's sunny Cool SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
3-27-06 16:29	—	—	SUP-03 PORT #1		6.15	.626	6.1	18.47	16.40	278.7
3-28-06 1050	—	—	SUP-03 PORT #2		6.10	.778	2.0	16.61	17.23	105.8
3-28-06 1059	—	—	SUP-03 Port #3		6.16	.582	4.3	*2.74	18.21	124.2
3-28-06 16:10	—	—	SUP-03	#4	6.03	1.018	3.0	0.16	15.58	118.0
3-28-06 16:40	—	—	SUP-03	#5	6.00	.943	4.1	0.25	14.75	107.9
3-28-06 17:00	—	—	SUP-03	#6	5.59	1.229	3.5	0.04	14.98	141.9
3-28-06 17:20	—	—	SUP-3	#7	6.18	.925	6.5	0.04	14.17	117.4

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

*sample taken in open container - west bay well

REV 5/01

301456

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SVP-04
Datum: ~~4/11/06~~ 4/11/06
Elev. G.S.: _____
Height of Westbay above G.S.: _____
Elev. top of Westbay Casing: _____
Reference Elevation: _____
Borehole angle: _____

Probe Type: EMS 3835
Serial No.: ~~EMS 3835~~ HH2270011803
Probe Range: _____
Westbay Casing Type: _____

Date: 4/11/06
Client: _____
Job No.: ROOSEVELT FIELD
Location: SVP-04
Weather: high 50's, low 60's, sunny
Operator: JVB, AMS

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{amb}) (pressure, temperature, time)
Start: 14.89, 17.68, 0930 Finish: 14.92, 14.26, 0954
P_{atm} _____ psi

Port No.	Port Position From Log (ft)	Port Position From Cable (ft)	True Port Depth "Dp" (ft)	Fluid Pressure Readings: Inside Casing (P1)	Outside Casing (P2)	Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
1	420	419	420	183.83	182.75	183.82	14.79	0932			
2	400	399	400	175.11	174.10	175.10	13.87	0935			
3	353	352	353	154.73	153.85	154.73	13.69	0937			
4	308	308	308	135.17	134.41	135.18	13.89	0940			
5	288	289	288	126.50	125.80	126.50	14.08	0942			
6	248	248	248	109.13	108.56	109.12	14.28	0945			
7	188	188	188	83.06	82.71	83.06	14.43	0947			
8	148	148	148	65.66	65.46	65.64	14.55	0950			
9	103	103	103	46.08	46.02	46.08	14.54	0952			
10	48	49	48	22.11	22.30	22.11	14.41	0954			

JVB 4/11/06

Notes: w = 0.433 psi/ft (1.422psi/m) of H_2O Dz = piezometric level in zone Patm = atm pressure
Dp = true depth of measurement port

301457

301458

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: ROOSEVELT FIELD
Monitoring Well No.: SVP-04
Sampling Zone No(s).: 1 Through ~~10~~ 8 JVB 4/11/06

Date: 4/11/06
Start Time: 1005 Atm. Rdg: 14.92 psi
End Time: _____ Atm. Rdg: _____
Operators: JVB, AMS

	Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)	
			Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay (psi)	Shoe Out	Zone Pressure psia	Open Valve	Zone Pressure psia	Close Valve	Shoe In	Pressure in Westbay psia		
1005	7	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	84.96	✓	82.72	✓	82.73	✓	✓	84.96	GWM-4-7-R1	1030
1026		2	✓	✓	✓	✓	✓	✓	✓	✓	✓	84.95	✓	82.74	✓	82.74	✓	✓	84.92		
1041		3	✓	✓	✓	✓	✓	✓	✓	✓	✓	84.90	✓	82.76	✓	82.77	✓	✓	84.90		
1056		4	✓	✓	✓	✓	✓	✓	✓	✓	✓	84.92	✓	82.77	✓	82.78	✓	✓	84.86		
1111		5	✓	✓	✓	✓	✓	✓	✓	✓	✓	84.96	✓	82.77	✓	82.78	✓	✓	84.82		
1126		6	✓	✓	✓	✓	✓	✓	✓	✓	✓	84.97	✓	82.78	✓	82.72	✓	✓	84.80		
1142		7	✓	✓	✓	✓	✓	✓	✓	✓	✓	84.98	✓	82.78	✓	82.77	✓	✓	84.76		
1201		8	✓	✓	✓	✓	✓	✓	✓	✓	✓	84.83	✓	82.76	✓	82.76	✓	✓	84.73		
1324	1	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	184.39	✓	182.74	✓	182.75	✓	✓	184.43	GWM-4-1-R1	1325
1341	2	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	175.75	✓	174.15	✓	174.14	✓	✓	175.72	GWM-4-2-R1	1352
1405	3	11	✓	✓	✓	✓	✓	✓	✓	✓	✓	154.79	✓	153.92	✓	153.91	✓	✓	154.80	GWM-4-3-R1	1410
1420	4	12	✓	✓	✓	✓	✓	✓	✓	✓	✓	135.27	✓	134.49	✓	134.49	✓	✓	135.22	GWM-4-4-R1	1430
1435	5	13	✓	✓	✓	✓	✓	✓	✓	✓	✓ JVB 4/11/06	~~126.42~~ 126.42	✓	125.88	✓	125.87	✓	✓	126.51	GWM-4-5-R1	1446
1455	6	14	✓	✓	✓	✓	✓	✓	✓	✓	✓	109.13	✓	108.59	✓	108.58	✓	✓	109.13	GWM-4-6-R1	1455
	8	15	✓	✓	✓	✓	✓	✓	✓	✓	✓	65.64	✓	65.44	✓	65.45	✓	✓	65.65	GWM-4-8-R1	1520

Additional Comments: (pH, turbidity, S.C., etc.)

301459

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: ROOSEVELT FIELD
Monitoring Well No.: SVP-04 + SVP-02
Sampling Zone No(s).: 9, 10 ;

Date: 4/11/06
Start Time: see pg. 1 Atm. Rdg: see page 1
End Time: _____ Atm. Rdg: _____
Operators: JVB, AMS

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay psia	Shoe Out	Zone Pressure psia	Open Valve	Zone Pressure psia	Close Valve	Shoe In	Pressure in Westbay psia	
9	16	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	46.01	✓	45.99				JVB 4/11/06
9	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	115.91	✓	45.99	✓	45.98	✓	✓	45.90	GWM-4-9-R1 1500
10	17	✓	✓	✓	✓	✓	✓	✓	✓	✓	21.91	✓	22.29	✓	22.28	✓	✓	21.91	GWM-4-10-R1 1555
									END SVP-04										
				BEGIN	SVP-02														
6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.13	✓	110.13	✓	110.12	✓	✓	110.10	520
	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.07	✓	110.15	✓	110.15	✓	✓	110.12	608
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.01	✓	110.16	✓	110.15	✓	✓	110.14	723
	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.08	✓	110.18	✓	110.17	✓	✓	110.15	1735
	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.07	✓	110.20	✓	110.20	✓	✓	110.17	1749
	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	110.11	✓	110.22	✓	110.22	✓	✓	110.19	1802
																		JVB 4/11/06	

Additional ents: (pH, turbidity, S.C., etc.)

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 4/11/06 WELL #: SVP-04

TIME: 1217 DEPTH OF PUMP: ———

WEATHER CONDITIONS: 65 F, sunny SAMPLERS: JVB, AMS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. µS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1217					6.59	553	0.2	-.04	15.86	168.7
1325					6.32	711	6.5	.02	15.29	113.5
1350					6.91	329	15	.12	15.57	51.6
1110					6.56	338	2.1	.01	14.71	35.2
1430					6.98	522	2.5	.18	14.11	26.2
1440					6.69	557	1.5	.02	14.42	4.8
1455					6.43	554	4.8	-.04	14.81	10.0
1520					6.48	565	0.8	-.19	14.31	8.7
1545					6.46	701	1.5	-.12	14.53	-43.2
1555					6.72	601	3.9	0.01	14.40	5.7

JVB 4/11/06

301460

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

REV 5/01

Westbay Instruments Inc
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SVP-05
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: HH 227001 1803
Probe Range: 250 PSI
Westbay Casing Type: 2" PVC

Date: 4/14/06
Client:
Job No.:
Location:
Weather:
Operator:

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) ~~(pressure, temperature, time)~~
Start: 0845, 18.74, 14.65 Finish: 0909, 16.75, 14.66
(time, T, P) °C Psia P_{atm} _____ psi

Port No. 6 4/14/06 JYB	Port Position From Log (ft)	Port Position From Cable (ft)	True Port Depth "Dp" (ft)	Fluid Pressure Readings: Inside Casing (P1)	Outside Casing (P2)	Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
1 ~~10~~	430	429	430	189.67	187.80	189.66	14.70	0845			
2	408	407	408	180.11	178.36	180.10	14.43	0850			
3	358	357	358	158.37	156.77	158.39	14.45	0852			
4	313	312	313	138.53	137.34	138.84	14.97	0855			
5	293	292	293	130.17	128.70	130.18	15.52	0858			
6	253	252	253	112.81	111.49	112.80	15.85	0900			
7	193	192	193	86.74	85.76	86.74	16.26	0901			
8	153	152	153	69.35	68.57	69.34	16.61	0903			
9	98	97	98	45.44	44.91	45.43	16.74	0905			
10	48	48	48	23.65	23.28	23.64	16.78	0908			

JYB 4/14/06

JYB 4/14/06

Notes: w = 0.433 psi/ ft (1.422psi/m) of H_2O ... head of water in zone
Dz = piezometric level in zone
Dp = true depth of measurement port
Patm = atmo... pressure

301461

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: ROOSEVELT FIELD
Monitoring Well No.: SVP-05
Sampling Zone No(s).: 1-10, full analysis on 6

Date: 4/14/06
Start Time: 0900 Atm. Rdg: 14.66
End Time: _____ Atm. Rdg: _____
Operators: JVB, AS

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay psia	Shoe Out	Zone Pressure psia	Open Valve	Zone Pressure psia	Close Valve	Shoe In	Pressure in Westbay psia	
6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	114.21	✓	111.38	✓	111.37	✓	✓	114.21	Poly's
1	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	✓	/	✓	/	✓	✓	/	↓
1	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	✓	/	✓	/	✓	✓	/	
1	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	✓	/	✓	/	✓	✓	/	
1	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	114.07	✓	111.33	✓	111.35	✓	✓	114.07	Ambers
1	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	/	✓	/	✓	/	✓	✓	/	↓
1	7	✓	✓	✓	✓	✓	✓	✓	✓	—	/	✓	/	—	/	✓	—	/	↓
↓	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	112.49	✓	111.50	✓	111.49	✓	✓	112.48	YSI, Turb.
1	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.33	✓	187.80	✓	187.80	✓	✓	189.30	
2	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	179.75	✓	179.11	✓	179.09	✓	✓	179.75	
3	11	✓	✓	✓	✓	✓	✓	✓	✓	✓	158.02	✓	156.40	✓	156.39	✓	✓	158.03	
4	12	✓	✓	✓	✓	✓	✓	✓	✓	✓	138.40	✓	136.92	✓	136.92	✓	✓	138.40	
5	13	✓	✓	✓	✓	✓	✓	✓	✓	✓	129.68	✓	128.33	✓	128.33	✓	✓	129.68	
7	14	✓	✓	✓	✓	✓	✓	✓	✓	✓	86.28	✓	85.60	✓	85.60	✓	✓	86.28	
8	15	✓	✓	✓	✓	✓	✓	✓	✓	✓	68.84	✓	68.46	✓	68.46	✓	✓	68.84	
9	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	44.91	✓	44.84	✓	44.84	✓	✓	44.91	
10	17	✓	✓	✓	✓	✓	✓	✓	✓	✓	23.11	✓	23.22	✓	23.22	✓	✓	23.11	

Additional Comments (pH, turbidity, S.C. etc.)

JVB 4/14/06

301462

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 4/14/06 **WELL #:** SVP-05

TIME: 1125 **DEPTH OF PUMP:** ———

WEATHER CONDITIONS: ~60°F, overcast, drizzling **SAMPLERS:** JVB, AS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	~~FLOW RATE~~ PORT #	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. ~~mS/cm~~ µS/cm °C (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1125			PORT 6		7.01	816	0.75	2.39	16.07	177.5
1140			1		6.32	565	31.	.31	15.10	162.7
1155			2		6.10	520	10	.26	16.49	191.0
1205			3		6.09	394	31	.27	16.22	191.8
1300.			4		5.81	599	3.3	.13	16.66	206.3
1320			5		5.79	702	1.0.	.02	16.29	216.2
1330			7		5.81	809	1.1	.05	16.60	173.6
1345			8		5.82	777	1.6.	.05	17.06	167.2
1400.			9		5.78	640	2.7.	.06	17.13	150.6
1410.			10		6.00	580	12	.03	16.62	90.4

JVB 4/14/06

301463

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

REV 5/01

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SVP-06
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: HH 227001 1803
Probe Range: 250 PSI
Westbay Casing Type: 2" PVC

Date: 3-30-06
Client:
Job No.:
Location:
Weather: 6.5°C Sunny
Operator:

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14.88 Finish: 14.89
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Outside Casing (P2)	Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
Surface	~~445~~	—	~~445~~								
1	~~450~~	448	~~450~~	187.95	198.70	187.95	16.72	11:00			445-450'
2	~~403~~	366	~~403~~	154.50	166.77	154.50	13.79	11:04			365-370'
3	248	247	248	102.38	114.23	102.38	13.44	11:08			245-250'
4	178	177	178	71.99	82.59	71.99	13.38	11:11			175-180'
5	103	102	103	39.36	54.57	39.36	13.37	11:15			100-105'
6	48	47	48	15.40	30.83	15.40	13.07	11:17			45-50'

301464

Notes: w = 0.433 psi/ft (1.422psi/m) of H_2O
H = pressure head of water in zone
Dz = piezometric level in zone
Dp = true depth of measurement port
Patm = atmospheric pressure

17205 17 40.75 ϕ 54.55 ϕ 54.55 ϕ 40.75
17345 18 40.72 ϕ 54.54 ϕ 54.54 ϕ 40.72
17505 19 40.70 ϕ 55.55 ϕ 55.55 ϕ 40.70

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

301465

Project: _____
Monitoring Well No.: SVP-06
Sampling Zone No(s).: Port #5 MS/MSD

Date: 3-30-06
Start Time: _____ Atm. Rdg: 14.89
End Time: _____ Atm. Rdg: _____
Operators: _____

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1129 #6	1	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	41.27	ϕ	54.55	ϕ	54.55	ϕ	ϕ	41.27	all analysis
1135 #5	2	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	41.24	ϕ	54.62	ϕ	54.54	ϕ	ϕ	41.25	MS/MSD
1200 5	3	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	41.20	ϕ	54.54	ϕ	54.56	ϕ	ϕ	41.22	
1235 5	4	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	41.18	ϕ	54.54	ϕ	54.56	ϕ	ϕ	41.19	
1300 5	5	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	41.14	ϕ	54.55	ϕ	54.56	ϕ	ϕ	41.16	
1330 5	6	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	41.12	ϕ	54.54	ϕ	54.55	ϕ	ϕ	41.12	empty
1400 5	7	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	41.08	ϕ	54.54	ϕ	54.55	ϕ	ϕ	41.08	
1430 5	8	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	41.04	ϕ	54.54	ϕ	54.56	ϕ	ϕ	41.04	
1445 5	9	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	41.00	ϕ	54.54	ϕ	54.54	ϕ	ϕ	41.01	
1500 5	10	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	40.99	ϕ	54.55	ϕ	54.55	ϕ	ϕ	40.99	
1530 5	11	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	40.95	ϕ	54.54	ϕ	54.55	ϕ	ϕ	40.95	
1546 5	12	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	40.91	ϕ	54.54	ϕ	54.54	ϕ	ϕ	40.93	
1615 5	13	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	40.90	ϕ	54.54	X	54.54	ϕ	ϕ	40.90	
1630 5	14	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	40.83	ϕ	54.55	ϕ	54.54	ϕ	ϕ	40.83	
1645 5	15	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	ϕ	40.81	ϕ	54.54	ϕ	54.54	ϕ	ϕ	40.81	

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: _____
Monitoring Well No.: SUP-06
Sampling Zone No(s).: _____

Date: 3/31/06
Start Time: _____ Atm. Rdg: 14.83
End Time: _____ Atm. Rdg: _____
Operators: _____

	Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
			Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1008	1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	188.20	✓	198.17	✓	198.17	✓	✓	188.20	LDL VOC
1119	2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	154.62	✓	165.37	✓	165.37	✓	✓	154.62	LDL VOC
1149	3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	62.47	✓	113.85	✓	113.85	✓	✓	102.47	LDL VOC
1205	4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	72.03	✓	83.74	✓	83.74	✓	✓	72.03	LDL VOC
~~1510~~ 1410	6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	15.86	✓	30.75	✓	30.75	✓	✓	15.86	LDL VOC DUP

Additional Comments: (pH, turbidity, S.C., etc.)

301466

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-31-06 WELL #: SUP-06

TIME: 65 DEPTH OF PUMP: ———

WEATHER CONDITIONS: 56°C Sunny SAMPLERS: ———

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
	—	—	SUP-06	Port #1	7.19	0.267	60	0.71	15.70	-36.9
very	silty		SUP-06	Port #2	7.27	0.275	<999	0.06	15.66	-36.8
			SUP-06	Port 3	6.57	0.247	45	0.71	16.18	-54.8
Very	Silty		SUP-06	Port #4	6.77	0.329	<999	-0.27	16.16	-91.2
			SUP-06	Port #5	6.66	0.378	70	0.33	15.71	-87.8
			SUP-06	Port #6	6.L	0.568	6.1	1.16	16.04	-67.1

301467

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

* H_2S Quality readings taken/collected in an open container

REV 5/01

Westbay Instruments Inc.

A Schlumberger Company

Piezometric Pressures/Levels

Field Data and Calculation Sheet

Well No.: SVP-07

Datum: _____

Elev. G.S.: _____

Height of Westbay above G.S.: _____

Elev. top of Westbay Casing: _____

Reference Elevation: _____

Borehole angle: _____

Probe Type: EMS3835

Serial No.: HH27001 1803

Probe Range: 250 PSI

Westbay Casing Type: 2" PVC

Date: 3rd MK 4/3/06

Client: _____

Job No.: _____

Location: _____

Weather: _____

Operator: _____

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)

Start: 14.71 Finish: 14.71

P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Fluid Pressure Readings: Outside Casing (P2)	Fluid Pressure Readings: Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments: Position of casing
MK 1	445	445	445	194.31	193.10	194.31	14.60	09:33			~~45-50~~ MK 445-450
MK 2	428	428	428	186.92	185.77	186.92	14.23	09:37			425-430
3	315	315	315	137.01	136.40	137.01	14.74	09:43			310-315
4	208	209	208	91.44	91.44	91.44	15.02	09:45			205-210
5	103	105	103	45.79	46.20	45.79	14.89	09:48			100-105
6	48	50	48	21.83	22.37	21.83	14.55	09:51			45-50

Notes: w = 0.433 psi/ ft (1.422psi/m) of H_2O Dz = piezometric level in zone Patm = atmospheric pressure

H = pressure head of water in zone Dp = true depth of measurement port

301468

301469

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: _____
Monitoring Well No.: SUP-07
Sampling Zone No(s).: _____

① Shoe in
② Arm in

Date: 4-3-06
Start Time: 10:00 Atm. Rdg: 14.71
End Time: _____ Atm. Rdg: _____
Operators: _____

	Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
			Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1000	1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	195.25	✓	193.10	✓	193.10	✓	195.25	✓	LDL VOC
1030	3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	137.87	✓	136.39	✓	136.39	✓	✓	137.87	LDL VOC
1057	4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	92.29	✓	91.42	✓	91.42	✓	✓	92.29	LDL VOC
1115	5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	47.10	✓	46.19	✓	46.19	✓	✓	47.10	LDL VOC DUP
1140	6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	22.65	✓	22.38	✓	22.38	✓	✓	22.65	LDL VOC
		4-4-06					MS/MSD													
920	2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	188.46	✓	185.71	✓	185.71	✓	✓	188.46	
959	2	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	188.43	✓	185.72	✓	185.72	✓	✓	188.43	
1020	2	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	188.38	✓	185.72	✓	185.72	✓	✓	188.38	
1041	2	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	188.33	✓	185.72	✓	185.72	✓	✓	188.38	
1102	2	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	188.29	✓	185.72	✓	185.72	✓	✓	188.29	
1134	2	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	188.24	✓	185.73	✓	185.73	✓	✓	188.24	
1207	2	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	188.19	✓	185.73	✓	185.73	✓	✓	188.19	
1229	2	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	188.13	✓	185.73	✓	185.73	✓	✓	188.13	

Additional comments: (pH, turbidity, S.C., etc.)

Gary Hart 4/4/06 5:53

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: _____
Monitoring Well No.: SVP-07
Sampling Zone No(s).: _____

Date: 4-4-06
Start Time: _____ Atm. Rdg: 14.73
End Time: _____ Atm. Rdg: _____
Operators: _____

	Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
			Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1355	2	9	0	0	0	0	0	0	0	0	0	188.08	0	185.72	0	185.72	0	0	188.08	
1356	2	10	0	0	0	0	0	0	0	0	0	188.02	0	185.71	0	185.71	0	0	188.02	
1400	2	11	0	0	0	0	0	0	0	0	0	187.97	0	185.71	0	185.71	0	0	187.97	
1401	2	12	0	0	0	0	0	0	0	0	0	187.91	0	185.71	0	185.71	0	0	187.91	
1402	2	13	0	0	0	0	0	0	0	0	0	187.91	0	185.71	0	185.71	0	0	187.91	
1537	2	14	0	0	0	0	0	0	0	0	0	187.79	0	185.71	0	185.71	0	0	187.79	
1540	2	15	0	0	0	0	0	0	0	0	0	187.74	0	185.72	0	185.72	0	0	187.74	
1600	2	16	0	0	0	0	0	0	0	0	0	187.69	0	185.71	0	185.71	0	0	187.69	
1604	2	17	0	0	0	0	0	0	0	0	0	187.68	0	185.73	0	185.73	0	0	187.68	
1654	2	18	0	0	0	0	0	0	0	0	0	187.55	0	185.72	0	185.73	0	0	187.55	
	2	19																	mc	

Test door during flushing and analysis

301470

Additional Comments: (pH, turbidity, S.C., etc.)

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 4-3-06 WELL #: SVP-07

TIME: 10:00 DEPTH OF PUMP: ———

WEATHER CONDITIONS: 50°C, cloudy, cool SAMPLERS: MK & AS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	~~FLOW RATE~~ Date	~~DRAWDOWN FEET (+/- 0.3 FT)~~ Time	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
—	—	Port #1	4/3/06	10:10	5.78	0.195	4.1	0.54	14.71	171.9
—	—	Port #2	4/4/06	11:30	6.07	0.236	3.3	0.97	15.56	202.1
—	—	Port #3	4/3/06	1045	5.99	0.272	5.7	0.53	14.15	153.0
—	—	Port #4	4/3/06	1110	6.04	0.389	5.2	0.17	13.59	147.5
—	—	Port #5	4/3/06	1125	5.97	0.254	2.2	0.19	12.75	156.0
—	—	Port #6	4/3/06	1150	6.12	0.170	2.9	0.04	12.68	152.0

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

Note: taken in open container

REV 5/01

301471

Westbay Instruments Inc.

A Schlumberger Company

Piezometric Pressures/Levels

Field Data and Calculation Sheet

Well No.: SVP-08
Datum: /
Elev. G.S.: /
Height of Westbay above G.S.: 0
Elev. top of Westbay Casing: 0
Reference Elevation: 0
Borehole angle: 0

Probe Type: EMS 3835
Serial No.: HH22F001 1803
Probe Range: 250 PSI
Westbay Casing Type: SCH 80.

Date: 9/5/06
Client: EPA
Job No.: /
Location: GARDEN City
Weather: SNOW + cold.
Operator: ADRIAN STEINHAUFF

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14.53 Finish: 14.52
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Outside Casing (P2)	Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
1	435	435	435	197.51	199.62	197.51	12.96	1245			
2	373	373	373	170.89	169.15	170.58	13.39	1250			
3	238	238	238	111.99	110.11	111.99	13.87	1255			
4	158	158	158	77.25	76.76	77.25	13.72	1300			
5	103	103	103	53.34	53.16	53.34	13.79	1305			
6	48	48	48	29.42	29.40	29.41	13.22	1310			

Notes: w = 0.433 psi/ft (1.422psi/m) of H_2O head of water in zone

Dz = piezometric level in zone
Dp = true depth of measurement port

Patm = atmospheric pressure

301472

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: OCD Roosevelt Field.
Monitoring Well No.: SVP-08
Sampling Zone No(s).: #4 @ 158' blg

Date: 4-6-07
Start Time: 1130 Atm. Rdg: 14.67
End Time: 1600 Atm. Rdg: 14.68
Operators: ADRIAN STEINHAUFF.

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	79.19	✓	76.81	✓	76.81	✓	✓	79.19	~1/2
	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	79.16	✓	76.80	✓	76.81	✓	✓	79.16	
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	79.13	✓	76.80	✓	76.81	✓	✓	79.12	
	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	79.02	✓	76.80	✓	76.80	✓	✓	79.07	
	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	79.00	✓	76.80	✓	76.80	✓	✓	79.00	
	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.97	✓	76.80	✓	76.79	✓	✓	78.97	
	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.93	✓	76.80	✓	76.80	✓	✓	78.93	
	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.93	✓	76.80	✓	76.80	✓	✓	78.90	

Additional [illegible]nts: (pH, turbidity, S.C., etc.)

301473

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: SLD Roosevelt Field.
Monitoring Well No.: SVP-08
Sampling Zone No(s).: 1-6

Date: 4-05-06
Start Time: 1216 Atm. Rdg:
End Time: 1645 Atm. Rdg:
Operators: AMS

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	198.55	✓	193.58	✓	193.68	✓	✓	199.55	
2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	171.60	✓	167.20	✓	167.20	✓	✓	171.58	
3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	112.96	✓	110.15	✓	110.15	✓	✓	112.96	
4																			taken 4-06-06
5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	54.30	✓	53.17	✓	53.17	✓	✓	54.30	
6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	30.35	✓	29.90	✓	29.40	✓	✓	30.35	

Additional Comments: (pH, turbidity, S.C., etc.)

301474

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 4-5-06 / 4-6-06 (2nd day) **WELL #:** SVP-08

TIME: 1200 **DEPTH OF PUMP:** —

WEATHER CONDITIONS: Snow + Rain. 33°F. windy **SAMPLERS:** AMS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
			Port #1		6.16	0.161	45.0	0.01	12.37	194.8
			Port #2		6.15	0.155	7.5	0.00	12.30	149.1
			Port #3		6.34	0.186	8.9	0.00	12.98	125.1
			Port #5		5.93	0.154	2.4	0.00	12.03	155.2
			Port #6		5.81	0.220	15.0	0.00	12.45	173.9

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

* taken in open Container

REV 5/01

301475

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 4-6-06 **WELL #:** SVP-08

TIME: 1200 **DEPTH OF PUMP:** —

WEATHER CONDITIONS: clear / P. cloudy warm 50°F. calm **SAMPLERS:** AMS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
			Port #1		6.23	0.162	4.2	0.02	13.01	132.4

301476

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

REV 5/01

Round 2

301477

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SVP-01
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: HH 227001
Probe Range: 250 PSI
Westbay Casing Type: PVC 2"

Date: July 12, 2006
Client: EPA
Job No.: 4
Location: OLD Roosevelt Field
Weather: overcast; Hot, 90°F calm
Operator: AMS / Duston

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14.71 Finish: 14.72
P_{atm} _____ psi

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Fluid Pressure Readings: Outside Casing (P2)	Fluid Pressure Readings: Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
1	450	440	450	183.07	195.60	183.08	17.38	14:43:56			
2	403	402	403	162.71	175.81	162.72	14.28	14:47:55			
3	373	372.1	373	149.72	175.81	163.15	13.53	14:50:52			
4	318	317.2	318	125.66	139.74	125.89	13.20	14:55:49			
5	293	292.2	293	115.09	129.04	115.01	13.18	14:58:45			
6	253	252	253	97.62	112.19	97.61	13.20	15:01:01			outside = 112.04
7	203	202	203	75.87	90.66	76.03	13.32	15:07:03			
8	153	152.3	153	54.29	69.28	54.29	13.49	15:11:03			
9	103	102.3	103	32.56	47.91	32.56	13.66	15:14:02			
10	53	52.1	53	14.74	26.50	14.74	13.84	15:17:20			

Notes: w = 0.433 psi/ ft (1.422psi/m) of H_2O
H = pressure head of water in zone
Dz = piezometric level in zone
Dp = true depth of measurement port
Patm = atmospheric pressure

301478

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: Old Roswell Road
Monitoring Well No.: SVP-C1
Sampling Zone No(s).: 3

Date: 7-14-06
Start Time: 0820 Atm. Rdg: 14.71
End Time: _____ Atm. Rdg: _____
Operators: AMS / Dustin

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.25	✓	163.40	✓	163.40	✓	✓	151.26	1 Amber
	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.19	✓	163.90	✓	163.90	✓	✓	151.20	1 Amber
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.38	✓	163.60	✓	163.64	✓	✓	151.40	1 Amber
	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.36	✓	163.79	✓	163.75	✓	✓	151.40	1 Amber
	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.36	✓	163.82	✓	163.89	✓	✓	151.37	1 Amber
	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.28	✓	163.89	✓	163.89	✓	✓	151.25	1 Amber
	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.28	✓	163.94	✓	163.94	✓	✓	151.40	Poly
	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.28	✓	163.94	✓	163.96	✓	✓	151.30	poly
	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.26	✓	163.97	✓	163.97	✓	✓	151.25	poly
	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	151.22	✓	163.99	✓					
	11	✓	✓	✓	✓	✓	✓	✓	✓	✓									

Additional Comments: (pH, turbidity, S.C., etc.)

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: Old Ranch Field
Monitoring Well No.: SVP-01
Sampling Zone No(s).: 5, 6, 7, 8, 9, 10

Date: 7-13-06
Start Time: 0900 Atm. Rdg: 14.66
End Time: 1700 Atm. Rdg: 14.65
Operators: AMS / Dustin

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	115.81	✓	129.40	✓	129.40	✓	✓	115.81	160 ml.
6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	98.46	✓	112.31	✓	112.31	✓	✓	98.46	160 ml.
7	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	76.73	✓	90.87	✓	90.81	✓	✓	76.75	160 ml.
8	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	54.98	✓	69.42	✓	69.42	✓	✓	54.98	160 ml.
9	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	33.22	✓	48.01	✓	48.00	✓	✓	33.20	160 ml.
10	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	14.64	✓	26.60	✓	26.58	✓	✓	14.65	160 ml.

Additional Comments: (pH, turbidity, S.C., etc.)

Westbay Instruments Inc.
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Groundwater Sampling
Field Data Sheet

Project: eUD Davenport Field
Monitoring Well No.: SVP-01
Sampling Zone No(s).: (1) 2, 4,
↑ No sample volume

Date: 7-12-06
Start Time: 1525 Atm. Rdg: 14.72
End Time: _____ Atm. Rdg: _____
Operators: _____

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	134.05	✓	195.66	✓	←	No	sample	→	∅ ~~160ml~~
2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	163.66	✓	175.86	✓	175.85	✓	✓	163.66	160ml.
4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	126.79	✓	139.78	✓	139.78	✓	✓	126.70	160ml

Additional Comments: (pH, turbidity, S.C., etc.)

301481

OLD ROOSEVELT FIELD GRO[illegible]WATER CONTAMINATION SITE
LOW FLOW GROUNDWATE[illegible]AMPLING PURGE RECORD

DATE: 4/12/2006 WELL #: SVP-01-R2

SAMPLERS: DAG, AMS DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: overcast very light rain SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model #_____/ Horiba U-22 (circle one) Other (specify)_____ — Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER (± 0.3 FT)	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm°/ or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
16:00		403			5.16	0.256	10.05	19.08	327.0	11
1620		318			5.41	0.311	5.36	18.27	235.8	14

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301482

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/13/2006 WELL #: SUP-01

SAMPLERS: AMS, DAG DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: Overcast, Warm, Breezy SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 650 MDS / Horiba U-22 (circle one) Other (specify)_____ — Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
11:30		293	—	—	5.02	0.328	17.03	19.84	290.2	8.54
12:00		253	—	—	5.27	0.242	22.73	17.41	166.6	12.3
12:20		203	—	—	4.33	0.188	~~19.18~~	19.1	480.1	8.94
12:45		153	—		3.78	0.151	17.32	19.25	538	3.95
13:00		103	—	—	2.71	0.118	16.19	19.05	713.4	3.21
13:20		53	—	—	4.46	0.140	22.58	20.13	384.4	2.39

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = T[illegible] Inner Casing BGS = Below Ground Surface

301483

OLD ROOSEVELT FIELD GROU[illegible]WATER CONTAMINATION SITE
LOW FLOW GROUNDWATE[illegible]AMPLING PURGE RECORD

DATE: 7/14/2006 DG

WELL #: SUP-01

SAMPLERS: AMS/DG

DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: Sunny, 90°

SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID:

SAMPLE TIME:

SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right

YSI Model # 6600 MDS / Horiba U-22 (circle one)
Other (specify)_____

Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
09:30	—	373	—	—	2.89	0.309	4.55	23.09	106.1	4.8

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301484

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SUP-02
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: HH22701
Probe Range: 250 PSI
Westbay Casing Type: PVC 2"

Date: 7-13-06
Client: MK P JC
Job No.:
Location:
Weather: 38°C, Misty Hot
Operator:

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14.71 Finish: 14.721
P_{atm} psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Fluid Pressure Readings: Outside Casing (P2)	Fluid Pressure Readings: Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
1	450	446.4	450	194.77	194.66	194.77	18.72	9:37			only LDL VOC's
2	413	409.7	413	178.79	178.71	178.79	16.09	9:40			
3	373	369.1	373	161.50	161.47	161.50	15.00	9:42			
4	333	330	333	144.19	144.18	144.19	14.46	9:44			
5	293	290.1	293	126.90	126.92	126.90	14.40	9:47			
6	253	250.3	253	109.59	109.66	109.59	14.57	9:49			All analysis
7	193	190.7	193	83.63	83.81	83.63	14.98	9:51			only LDL VOC's
8	153	150.9	153	66.32	66.66	66.32	15.25	953			
9	103	100	103	44.66	45.19	44.66	15.53	955			
10	53	51.1	53	23.00	15.55	23.00	15.78	957			

301485

Notes: w[illegible] psi/ ft (1.422psi/m) of H_2O
H = [illegible]ssure head of water in zone
Dz = piezometric level in zone
Dp = true depth of measurement port
Patm = atmospheri[illegible]re

1 of 2

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: _____
Monitoring Well No.: SVP-02
Sampling Zone No(s).: _____

Date: 7-13-06
Start Time: _____ Atm. Rdg: _____
End Time: _____ Atm. Rdg: _____
Operators: MK / J.C.

	Port No.	Run No.	Surface Function Tests (probe in flushing collar): Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Position Sampler: Locate Port	Arm Out	Land Probe	Sample Collection Checks (probe located at sampling zone in Westbay casing): Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	Comments (volume recovered)
1	10	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	194.82	↓	194.68	↓	132.30	↓	↓	194.82	LDC VOC 10:04
2	9	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	178.90	↓	178.82	↓	117.79	↓	↓	178.90	LDC VOC 10:30
	3	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	161.65	↓	161.62	↓	109.73	↓	↓	161.65	LDC VOC 10:55
	4	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	144.37	↓	144.38	↓	99.23	↓	↓	144.37	LDC VOC 11:12
	5	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	127.10	↓	127.10	↓	78.87	↓	↓	127.10	LDC VOC
	7	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	83.83	↓	83.95	↓	54.86	↓	↓	83.83	LDC VOC
	8	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	66.54	↓	66.70	↓	43.88	↓	↓	66.54	LDC VOC
	9	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	44.66	↓	45.19	↓	23.21	↓	↓	44.66	LDC VOC
	10	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	23.23	↓	23.55	↓	13.960	↓	↓	23.23	LDC VOC
	6	1	↓	↓	↓	↓	↓	↓	↓	↓	↓	109.81	↓	109.88	↓	66.33	↓	↓	109.81	Pest
	6	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	109.81	↓	109.87	↓	68.43	↓	↓	109.81	SVOC
	6	3	↓	↓	↓	↓	↓	↓	↓	↓	↓	109.85	↓	109.91	↓	66.84	↓	↓	109.85	SVOC
	6	4	↓	↓	↓	↓	↓	↓	↓	↓	↓	109.87	↓	109.90	↓	58.91	↓	↓	109.87	PCB
	6	5	↓	↓	↓	↓	↓	↓	↓	↓	↓	109.58	↓	109.63	↓	61.58	↓	↓	109.58	PCB
	6	6	↓	↓	↓	↓	↓	↓	↓	↓	↓	109.61	↓	109.67	↓	61.90	↓	↓	109.61	PEST

Additional Comments: (pH, turbidity, S.C., etc.)

301486

Westbay Instruments Inc.
A Schlumberger Company

2602

Groundwater Sampling
Field Data Sheet

Project: SVP-02
Monitoring Well No.:
Sampling Zone No(s).:

Date:
Start Time: Atm. Rdg:
End Time: Atm. Rdg:
Operators:

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
6	7	6	6	6	6	6	6	6	6	6	109.56	6	109.68	6	58.84	6	6	109.56	LM05.3-CN
6	8	6	6	6	6	6	6	6	6	6	109.60	6	109.67	6	58.13	6	6	109.60	Cl, S, N
6	9	6	6	6	6	6	6	6	6	6	109.67	6	109.70	6	58.12	6	6	109.67	Metals, Hg
6	10	6	6	6	6	6	6	6	6	6	109.65	6	109.69	6	54.42	6	6	109.65	MEE, TOC, VOA

Additional Comments: (pH, turbidity, S.C., etc.)

301487

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-13-06 **WELL #:** SVP-02

SAMPLERS: MK & JC **DEPTH OF PUMP INTAKE:** ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 85°C Humid **SCREENED/OPEN BOREHOLE INTERVAL:** ft TIC or ft BGS (circle one)

SAMPLE ID: **SAMPLE TIME:** **SAMPLE FLOW RATE:** ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model # (600XL) / Horiba U-22 (circle one); Other (specify)_____ — Instrument: La motte 2020

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm (mS/cm) °/ or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
Port	#1	10:10			5.40	0.354	19.50	20.77	517.5	1.73
Port	#2	10:40			5.90	0.383	12.83	20.58	569.9	1.34
Port	#3	11:00			5.58	0.296	13.07	20.86	597.9	1.08
Port	#4	11:15			5.06	0.274	14.72	21.58	524.3	6.55
Port	#5	11:40			5:31	0.246	15.68	21.19	628.2	1.98
Port	#7	13:20			5.48	0.242	12.18	21.95	512.4	1.03
Port	#8	13:48			4.69	0.321	9.47	20.58	650.3	1.64
Port	#9	13:56			4.94	0.986	5.68	21.51	578.0	4.08
Port	#10	14:15			5.54	0.833	12.34	21.10	515.4	4.37
Port	#6	08:15			5.72	0.271	34.22	24.00	479.5	1.45

7/14 JL 7/14/06

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301488

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SVP-03
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: HH 227001
Probe Range: 250 PSI
Westbay Casing Type: PVC 2"

Date: 7-14-06
Client:
Job No.: MKE
Location:
Weather:
Operator: JC

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14:60 Finish:
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Outside Casing (P2)	Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
1	450	447.3	450	196.65	195.99	196.05	23.23				LDL VOC
2	393	390.9	450	171.30	171.34	171.30	19.23				LDL VOC
3	373	371.0	373	162.62	162.84	162.62	15.65				all analysis
4	293	291.8	293	127.82	128.41	127.82	15.36				LDL VOC
5	173	172.6	173	75.69	76.80	75.69	15.57				↓
6	103	103	103	45.26	46.67	45.26	16.13				
7	53	53.4	53	23.52	25.07	23.52	16.57				

Notes: w[illegible] psi/ ft (1.422psi/m) of H_2O
H [illegible]ssure head of water in zone
Dz = piezometric level in zone
Dp = true depth of measurement port
Patm = atmospher[illegible]ure

301489

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: SVP-03
Monitoring Well No.:
Sampling Zone No(s).:
MKS J.C

Date: 7-17-06 ~~7-14-06~~ MK
Start Time: _____ Atm. Rdg: _____
End Time: _____ Atm. Rdg: _____
Operators: _____

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	164.48	✓	162.30	✓	99.51	✓	✓	164.48	Rest
3	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	164.37	✓	162.29	✓	107.39	✓	✓	164.37	SVOA
3	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	164.15	✓	162.30	✓	95.37	✓	✓	164.15	PCB
3	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	164.01	✓	162.28	✓	103.15	✓	✓	164.01	PEST
3	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	163.95	✓	162.27	✓	81.94	✓	✓	163.95	SVOA
3	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	163.87	✓	162.29	✓	98.71	✓	✓	163.87	PCB
3	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	163.79	✓	162.33	✓	101.98	✓	✓	163.79	Cl, S, N
3	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	163.74	✓	162.36	✓	89.74	✓	✓	163.74	ILM05.3 CN
3	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	163.62	✓	162.39	✓	95.24	✓	✓	163.62	Metals
3	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	163.57	✓	162.41	✓	101.21	✓	✓	163.57	LDL VOC TOC Hach Test
1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	195.99	✓	195.67	✓	97.54	✓	✓	195.99	LDL VOC
2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	171.20	✓	171.11	✓	97.80	✓	✓	171.20	LDL VOC
4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	127.62	✓	128.12	✓	86.91	✓	✓	127.62	LDL VOC
5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	75.48	✓	76.58	✓	54.30	✓	✓	75.48	LDL VOC
6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	45.03	✓	46.50	✓	30.44	✓	✓	45.03	LDL VOC
											23.28	✓	24.94	✓	18.53	✓	✓	23.28	LDL VOC

Additional Comments: (pH, turbidity, S.C., etc.)

301490

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-17-06 (17th)

WELL #: SUP-03

SAMPLERS: MK & JL

DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 95°C, Sunny!

SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID: GWM-03 - Port# - R2

Instrument Type/Model: Complete and/or Circle at right

YSI Model # 600XL / Horiba U-22 (circle one)

Other (specify)

Instrument: Lamotte 2

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
Port #3		8:40			5.61	0.298	5.00	25.25	607.7	2.7
Port #1		11:25			5.74	0.017	4.77	24.83	569.9	7.7
Port #2		11:45			5.06	0.289	7.18	22.19	678.6	5.0
Port #4		14:40			5.27	0.327	4.41	23.18	640.2	4.5
Port #5		15:00			4.95	0.683	2.82	23.82	680.8	1.4
Port #6		15:15			4.91	1.574	2.95	23.23	700.8	5.1
Port #7		15:30			5.19	~~1.6~~ 1.160 m	4.27	23.59	698.3	15

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Casing BGS = Below Ground Surface

301491

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SVP-09
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: HH227001 1803
Probe Range: 250 psi
Westbay Casing Type: 2" PVC.

Date: 7-14-06
Client: EPA
Job No.: SVP-09
Location: Old Roosevelt Field.
Weather: Sunny + HOT 90°F.
Operator: AMS / Dustin.

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14.25 Finish: 14.24
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Outside Casing (P2)	Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
1	420	421	420	182.44	182.11	182.85	17.83	13:19:21			
2	400	402	406	174.17	173.47	174.17	15.02	13:15:06			
3	353	356	353	155.19	184.90	155.95	14.17	13:21:06			
4	308	310	308	134.23	139.85	139.22	14.09	13:24:06			
5	288	291	288	150.16	125.14	150.16	14.25	13:27:06			
6	248	250	248	108.34	108.02	108.18	14.35	13:29:48			
7	188	189	188	82.11	82.27	82.11	14.51	13:32:59			
8	148	149	148	64.69	65.06	64.69	14.59	13:35:31			
9	103	104	103	45.41	45.65	45.41	14.56	13:38:06			
10	48	49	48	20.74	21.97	21.18	14.33	13:42:01			

Notes: w = 0.433 psi/ ft (1.422psi/m) of H_2O Dz = piezometric level in zone Patm = atmospheric pressure
H = pressure head of water in zone Dp = true depth of measurement port

301492

Westbay Instruments Inc.

A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: OXY Rosehill Field

Monitoring Well No.: SVP-04

Sampling Zone No(s).: 6, 7, 8, 9, 10

Date: 7/17/06

Start Time: 0700 Atm. Rdg: 14.71

End Time: 1600 Atm. Rdg: 14.70

Operators: AMS / Dustin

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	109.77	✓	107.62	✓	107.62	✓	✓	109.78	160ml
7	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	89.66	✓	81.96	✓	81.96	✓	✓	83.67	1L+
	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	81.88	✓	81.93	✓	82.00	✓	✓	83.65	1L+
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	83.61	✓	82.01	✓	82.02	✓	✓	83.61	1Liter
	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	83.62	✓	82.03	✓	82.04	✓	✓	83.61	1Liter
	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	83.56	✓	82.05	✓	82.06	✓	✓	83.56	1Liter
	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	83.71	✓	82.07	✓	82.07	✓	✓	83.52	1Liter
	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	83.52	✓	82.06	✓	82.07	✓	✓	83.50	1Liter
	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	83.50	✓	82.07	✓	82.07	✓	✓	83.50	1Liter
	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	83.44	✓	82.08	✓	82.07	✓	✓	83.44	1Liter
	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	83.37	✓	82.09	✓	82.07	✓	✓	83.38	1Liter
8	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	64.96	✓	64.85	✓	64.87	✓	✓	69.54	160ml
9	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	45.36	✓	45.49	✓	45.46	✓	✓	45.36	160ml
10	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	21.39	✓	21.88	✓	21.88	✓	✓	21.38	160ml

Additional Comments: (pH, turbidity, S.C., etc.)

(2) SVP-04 Completed!

301493

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: OLD Dragnet Test
Monitoring Well No.: SUP-04
Sampling Zone No(s).: 1, 2, 3, 4, 5, 6 (AWS) 7/14/06

Date: 7-14-06
Start Time: 1346 Atm. Rdg: 14.70
End Time: 1600 Atm. Rdg: 14.69
Operators: AMS / Dustin

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	183.83	✓	182.10	✓	182.10	✓	✓	183.83	160ml.
2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	175.08	✓	173.98	✓	173.48	✓	✓	175.03	160ml.
3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	154.61	✓	153.29	✓	153.29	✓	✓	154.62	160ml.
4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	135.01	✓	133.90	✓	133.90	✓	✓	135.01	160ml.
5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	126.29	✓	125.35	✓	125.35	✓	✓	126.30	160ml
6	1	AWS	7/14/06																

Additional Comments: (pH, turbidity, S.C., etc.)

301494

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/14/2006 WELL #: SVP-04

SAMPLERS: AMS, DAG DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right YSI Model # 650 MDS / Horiba U-22 (circle one) Other (specify) Instrument

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER (± 0.3 FT)	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10)
PdA	24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
1	14:00		420	—	—	4.85	0.423	1.58	16.83	222.0	3.1
2	14:20		400	—	—	5.10	0.378	1.16	17.61	240.9	12
3	14:30		353	—	—	4.91	0.484	0.09	17.24	433.8	1.4
4	14:45		308	—	—	5.16	0.426	0.05	17.58	282.3	0.85
5	15:00		2	—	—	5.19	0.422	3.46	19.18	326.6	1.00

301495

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = To Inner Casing BGS = Below Ground Surface

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/17/2006 WELL #: SVP-04

SAMPLERS: AMS / DAG DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: HOT and Sunny SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model# 650 MDS / Horiba U-22 (circle one) Other (specify)_____ — Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
6 9:20	-	2.48	-	-	2.55	0.447	1.49	19.51	636.0	2.4
7 10:6-	-	188	-	-	3.95	0.539	0.36	24.65	575.0	1.42
8 15:00	-	148	-	-	3.82	0.479	0.34	17.47	521.6	a 2.70
9 15:30	-	103	-	-	4.08	0.529	0.20	17.98	426.1	2.02
10 15:45	-	48	-	-	422	0.712	0.16	17.42	331.9	4.18

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301496

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SMP-05
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: HH22700 1
Probe Range: 250 psi
Westbay Casing Type: 2" PVC

Date: July 13, 2001
Client: EPA
Job No.: 0
Location: OU Roosevelt Field
Weather: Sunny + Hot
Operator: AMS & Dustin

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14.69 92°F (0925) Finish: 14.69 93°F (1600)
31.236
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Fluid Pressure Readings: Outside Casing (P2)	Fluid Pressure Readings: Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
	1		430	190.69	251.51	190.70	19.10	9:33:39			
	2		408	178.90	176.14	178.99	14.75	9:40:55			
	3		358	157.30	155.10	157.30	14.62	9:44:23			
	4		313	137.75	135.77	137.75	15.19	9:45:37			
	5		293	129.08	127.25	129.09	15.76	9:50:35			
	6		253	111.67	110.27	111.70	16.19	9:53:10			
	7		193	84.72	85.17	85.65	16.75	9:58:54			
	8		153	68.27	68.24	68.27	16.89	10:02:53			
	9		98	44.34	44.86	44.33	16.91	10:06:23			
	10		48	22.56	23.30	22.57	16.81	10:09:16			

301497

Notes: w[illegible] psi/ ft (1.422psi/m) of H_2O
H[illegible]ssure head of water in zone
Dz = piezometric level in zone
Dp = true depth of measurement port
Patm = atmospheri[illegible]e

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: Old Norwest Field
Monitoring Well No.: SVP-05
Sampling Zone No(s).: 1, 2, 3, 4, 5, 7, 8, 9, 10

Date: July 19, 2006
Start Time: 0820 Atm. Rdg: 14.75
End Time: 1600 Atm. Rdg: 14.79
Operators: AMS / Duston.

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	189.11	✓	187.13	✓	187.13	✓	✓	189.11	160ml.
2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	189.07	✓	187.15	✓	187.15	✓	✓	189.06	160ml. (NC)
3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	157.80	✓	155.98	✓	155.98	✓	✓	157.80	160ml.
4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	137.73	✓	136.53	✓	136.63	✓	✓	138.26	160ml.
5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	129.47	✓	128.07	✓	128.06	✓	✓	129.48	160ml.
7	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	85.60	✓	85.60	✓	85.61	✓	✓	86.03	160ml.
8	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	68.61	✓	68.55	✓	68.56	✓	✓	68.61	160ml.
9	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	44.96	✓	44.95	✓	44.96	✓	✓	13.13	160ml
10	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	22.87 (SC)	✓	23.34	✓	23.34	✓	✓	22.87	160ml
2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	179.28	✓	178.15	✓	178.15	✓	✓	179.27	160ml (re take).

301498

Additional Comments: (pH, turbidity, S.C., etc.)

(NC) Port #2 reads port #1 x2 / Re-sample for port #2

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: Old Roswell Field.
Monitoring Well No.: SVP-05
Sampling Zone No(s).: 6 @ 255

Date: July 13, 2006
Start Time: 1030 Atm. Rdg: 14.68
End Time: 1600. Atm. Rdg: 14.65.
Operators: AMS / Austin.

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.51	✓	110.49	✓	110.49	✓	✓	113.57	1 liter.
	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.51	✓	110.57	✓	110.53	✓	✓	113.52	1 liter.
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.47	✓	110.61	✓	110.61	✓	✓	113.49	1 liter.
	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.43	✓	110.64	✓	110.64	✓	✓	113.44	1 liter.
	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.40	✓	110.66	✓	110.66	✓	✓	113.40	1 liter
	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.33	✓	110.72	✓	110.72	✓	✓	113.33	1 liter
	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.30	✓	110.72	✓	110.72	✓	✓	113.29	1 liter c
	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.25	✓	110.63	✓	110.61	✓	✓	113.24	1 liter.
	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.19	✓	110.36	✓	110.36	✓	✓	113.19	1 liter
	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	113.13	✓	110.36		110.39	✓	✓	113.16	1 liter.

Additional Comments: (pH, turbidity, S.C., etc.)

301499

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/19/2006 WELL #: SVP 05-02

SAMPLERS: AMS / DAG DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: Overcast + 90°F SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 650 MDS / Horiba U-22 (circle one) ~~Other (specify)~~ — Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER (± 0.3 FT)	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm mS/cm / or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
09:30		426	—	—	~~5.05~~ 4.82	0.278	0.51	19.83	313.3	6.32
~~10:00~~		~~408~~	~~—~~	~~—~~	~~4.46~~	~~0.266~~	~~0.41~~	~~18.38~~	~~284.3~~	~~12.0~~ PG
10:15	—	~~408~~ 358 PG	—	—	4.09	0.408	0.29	18.60	314.9	10.15
10:45	—	313	—	—	3.61	0.739	0.15	19.15	363.1	2.13
11:00	—	293	—	—	3.77	0.791	0.14	19.16	409.4	2.07
11:25	—	193	—	—	4.20	0.865	0.16	19.13	360.4	3.70
11:45	—	153	—	—	4.30	0.853	0.11	19.64	382.7	4.81
15:00	—	103	—	—	3.89	0.902	0.05	21.65	322.7	1.21
15:30	—	53	—	—	3.76	1.279	0.08	20.05	189.5	16.5
15:45	—	408	—	—	3.51	0.357	0.12	19.68	490.8	1.7

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301500

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/18/2006 WELL #: SVP-05-02

SAMPLERS: AMS/DAG DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: Hot, Hot, Hot ~109°F +Sunny SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right

YSI Model # 650 MDS / Horiba U-22 (circle one)

Other (specify)_____

Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm°/ or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
11:00	—	255	—	—	3.91	0.656	0.44	26.97	493.8	1.77

301501

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

SUP-06

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SUP-06A
Datum: _____
Elev. G.S.: _____
Height of Westbay above G.S.: _____
Elev. top of Westbay Casing: _____
Reference Elevation: _____
Borehole angle: _____

Probe Type: _____
Serial No.: _____
Probe Range: _____
Westbay Casing Type: _____

Date: _____
Client: _____
Job No.: _____
Location: _____
Weather: _____
Operator: _____

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 1460 Finish: _____
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Fluid Pressure Readings: Outside Casing (P2)	Fluid Pressure Readings: Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments	
1	447	442.1	447	186.81	198.01	186.81	18.39	8:51			LDL VOC	447'
2	370	365.5	370	153.36	166.32	153.36	15.01	8:54				370'
3	250	246.3	250	101.23	113.86	101.23	14.34	8:56				250'
4	180	176.5	180	70.85	83.83	70.85	13.97	8:58				180'
5	105	102	105	38.24	54.49	38.24	13.75	9:00			all analysis MS/MSD	105'
6	50	47.1	50	14.81	30.80	14.81	13.73	9:02			LDL VOC	50'

301502

Notes: w = 0.433 psi/ ft (1.422psi/m) of H_2O Dz = piezometric level in zone Patm = atmospheric pressure
H = pressure head of water in zone Dp = true depth of measurement port

1 of

MK & JC

Westbay Instruments Inc.

Page____of____

Groundwater Sampling

Field Data Sheet

Project_____Location SVP-06 _____Date_____

Monitoring Well No._____ Sampling Zone No. _____ Start Time_____End Time _____

Water Level In MP Casing: (start)_____ (end)_____Technicians_____

Sampler Probe Preparation - See Sampling Plan Collection Bottle Preparation - See Sampling Plan

Port	Run No.	Surface Function Checks: Activate Shoe	Close Valve	Check Vacuum	Open Valve	Evacuate Container	Close Valve	Position Sampler: Locate port release arm land probe	Sample Collection Checks: Pressure in MP ( )	Activate Shoe	Pressure in Zone ( )	Open Valve	open valve ~~Final Zone~~ Pressure ( )	Close Valve	Retract Shoe	Pressure in MP ( )	Volume Retrieved ( )	Comments
1	1	O	O	O	O	O	O	O	187.77	O	198.00	O	118.25	O	O	187.77	O	LDL VOC
2	1	O	O	O	O	O	O	O	154.28	O	166.35	O	86.70	O	O	154.28		LDL VOC
3	1	O	O	O	O	O	O	O	102.13	O	113.86	O	70.75	O	O	102.13		LDL VOC
4	1	O	O	O	O	O	O	O	71.70	O	83.78	O	33.33	O	O	71.70		LDL VOC
6	1	O	O	O	O	O	O	O	15.06	O	30.81	O	18.28	O	O	15.06		LDL VOC
6	1	O	O	O	O	O	O	O	40.06	O	54.47	O	34.62	O	O	40.06		PCB
5	2	O	O	O	O	O	O	O	40.05	O	54.51	O	32.36	O	O	40.05		PCB
5	3	O	O	O	O	O	O	O	40.00	O	54.48	O	35.27	O	O	40.00		PEST
5	4	O	O	O	O	O	O	O	39.91	O	54.48	O	36.01	O	O	39.91		PEST
5	5	O	O	O	O	O	O	O	39.82	O	54.50	O	36.12	O	O	39.82		~~Total Volume~~ PEST
6	Field Determinations (Appearance, pH, S.C. etc.)																	
5	6	O	O	O	O	O	O	O	39.81	O	54.49	O	34.60	O	O	39.81		PEST
5	7	O	O	O	O	O	O	O	39.77	O	54.49	O	37.42	O	O	39.77		PCB

MXSAMPLE2.sam
Oct. 96

301503

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Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

SVP-06
Port #5 MS/MSD

Project: _____
Monitoring Well No.: _____
Sampling Zone No(s).: _____

Date: 7-20-06
Start Time: _____ Atm. Rdg: _____
End Time: _____ Atm. Rdg: _____
Operators: _____

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
5	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	39.77	X	54.48	X	25.07	X	X	39.77	PCB
5	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	39.74	X	54.51	X	24.79	X	X	39.74	PCB
5	10	✓	✓	✓	✓	X	X	✓	✓	X	39.75	✓	54.50	X	29.88	X	X	39.75	PCB
5	11	✓	✓	✓	✓	✓	X	✓	✓	✓	39.69	X	54.51	✓	24.19	X	X	39.69	PEST
5	12	✓	✓	✓	✓	✓	✓	✓	✓	✓	39.70	X	54.50	X	24.32	X	X	39.70	PCB
5	13	✓	✓	✓	✓	✓	✓	✓	✓	✓	39.67	X	54.51	X	25.62	X	X	39.67	SVOA
5	14	X	✓	✓	✓	✓	✓	✓	✓	✓	39.69	X	54.51	X	24.34	X	X	39.69	SVOA
5	15	X	✓	✓	X	X	✓	✓	X	✓	39.62	X	54.51	X	25.06	✓	✓	39.62	Cl, S, N
5	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	39.61	✓	54.48	✓	35.40	✓	✓	39.61	Cl, S, N
5	17	✓	✓	✓	✓	✓	✓	✓	✓	✓	39.59	✓	54.51	✓	34.37	✓	✓	39.59	Metals, Hg
5	18	X	X	X	X	X	X	X	X	✓	39.58	✓	54.51	✓	36.02	✓	✓	39.58	Metals, Hg
5	19	X	X	X	X	✓	✓	✓	✓	✓	39.54	✓	54.49	✓	28.73	X	X	39.54	Cyanide
5	20	X	X	X	X	X	✓	✓	✓	✓	39.51	X	54.46	X	32.15	X	X	39.51	Cyanide
5	21	X	X	X	X	X	X	X	X	X	39.49	✓	54.45	X	34.05	X	X	39.49	TOC VOC MEE HACH

Additional Comments: (pH, turbidity, S.C., etc.)

301504

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-19-06 **WELL #:** SUOP-06

SAMPLERS: MKP JL **DEPTH OF PUMP INTAKE:** ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 85°F, Sunny **SCREENED/OPEN BOREHOLE INTERVAL:** ft TIC or ft BGS (circle one)

SAMPLE ID: **SAMPLE TIME:** **SAMPLE FLOW RATE:** ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model # (6000 XL) / Horiba U-22 (circle one); Other (specify)_____ — **Instrument:** Lamotte

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, (mS/cm)/ or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
	Port	#1	9:15		5.56	0.187	2.45	18.10	543.4	6.2
	Port	#2	9:30		5.91	0.227	3.73	18.20	173.3	13
	Port	#3	9:45		6.52	0.562	4.41	18.55	-18.9	7.1
	Port	#4	10:00		6.06	0.790	6.51	1886	-71.5	8.7
	Port	#6	10:20		5.94	0.778	6.09	20.38	-81.6	5.6
MS/MSD	Port	#5	8:45	7-20-06	5.15	0.390	1.01	24.05	12.0	1.8

301505

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Casing BGS = Below Ground Surface

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SV7-07
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: 250 psi / 111227a1
Probe Range: 250 psi
Westbay Casing Type: PVC

Date: 7-11-06
Client: EPA
Job No.: Ø
Location: GCD Roosevelt Field.
Weather: Sunny & Hot 80°F.
Operator: AMS / Dustin

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14.83 Finish: 14.82
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings			Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
				Inside Casing (P1)	Outside Casing (P2)	Inside Casing (P1)					
1	445	450.1	445	193.00	192.41	193.00	15.71	9:52:55			
2	428	433.0	428	185.62	185.10	185.62	14.46	9:58:52			
3	315	317	315	135.70	135.96	135.70	15.05	10:04:25			
4	208	214	208	90.12	91.23	90.12	15.18	10:09:52			
5	103	105	103	44.48	46.10	44.48	14.73	10:14:38			
6	48	53	48	20.52	22.28	20.52	14.42	10:22:31			

Notes: w = 0.433 psi/ ft (1.422psi/m) of H_2O Dz = piezometric level in zone Patm = atmospheric pressure
H = pressure head of water in zone Dp = true depth of measurement port

301506

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: old Roosevelt Field
Monitoring Well No.: SVP-07
Sampling Zone No(s).: 1, 3, 4, 5, 6

Date: 7-11-06
Start Time: 1030 Atm. Rdg: 14.80
End Time: 1305 Atm. Rdg: 14.82
Operators: AMS / Dustin

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	193.89	✓	192.36	✓	192.36	✓	✓	193.89	Good samp.
3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	136.72	✓	135.91	✓	135.91	✓	✓	136.72	Good samp.
4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	91.13	✓	91.18	✓	91.18	✓	✓	91.19	Good samp.
5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	45.47	✓	46.06	✓	46.07	✓	✓	45.47	Good sample
6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	21.50	✓	22.25	✓	22.24	✓	✓	21.49	Good samp

Additional Comments: (pH, turbidity, S.C., etc.)

301507

Westbay Instruments Inc.
A Schlumberger Company

Groundwater Sampling
Field Data Sheet

Project: Old Roosevelt Field
Monitoring Well No.: SP-07
Sampling Zone No(s).: 2

Date: 7-12-06
Start Time: 0900 Atm. Rdg: 14.71
End Time: 1300 Atm. Rdg: 14.93
Operators: AMS / DUSTIN

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.55	✓	185.07	✓	185.07	✓	✓	187.56	Amber
	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.54	✓	185.07	✓	185.07	✓	✓	187.54	Amber
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.54	✓	185.07	✓	185.07	✓	✓	187.50	Amber
	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.54	✓	185.06	✓	185.07	✓	✓	187.51	Amber
	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.39	✓	185.06	✓	185.07	✓	✓	187.51	Amber
	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.34	✓	185.04	✓	185.05	✓	✓	187.34	Amber
	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.29	✓	185.04	✓	185.05	✓	✓	187.30	Poly.
	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.26	✓	185.04	✓	185.04	✓	✓	187.25	Poly.
	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.22	✓	185.03	✓	185.04	✓	✓	187.21	Poly
	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	187.21	✓	185.03	✓	185.04	✓	✓	187.19	40 ml. + Stand. Poly

Additional Comments: (pH, turbidity, S.C., etc.) Sample @ 1300.

301508

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/11/2006 WELL #: SVP-07

SAMPLERS: DAG, AMS DEPTH OF PUMP INTAKE: 445 ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: Sunny, Hot (88°) SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right

YSI Model #_____/ Horiba U-22 (circle one)

Other (specify)_____

Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
11:00	0	445	-	-	4.30	0.134	2.05	23.95	361.0	4.76
11:30	0	315	-	-	1.47	0.208	6.44	20.2	727	3.46
12:00	0	208	-	-	2.16	0.399	1.13	21.6	664.9	16.5
12:20	6	103	-	-	2.63	0.304	3.18	21.9	629	5.18
13:00	0	48	-	-	4.07	0.371	0.54	20.96	517	4.31

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs

Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Tr... Inner Casing BGS = Below Ground Surface

301509

OLD ROOSEVELT FIELD GRO[illegible]WATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/12/2006 WELL #: SVP-07

SAMPLERS: AMS, DAG DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: Overcast - Hot SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: 9:30 SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model # _____ / Horiba U-22 (circle one) — Other (specify) _____ — Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm[c]/ or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
09:30	0	428	—	—	5.11	0.134	7.85	24.94	356.8	2.1

301510

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

Westbay Instruments Inc.
A Schlumberger Company

Piezometric Pressures/Levels
Field Data and Calculation Sheet

Well No.: SUP-08
Datum:
Elev. G.S.:
Height of Westbay above G.S.:
Elev. top of Westbay Casing:
Reference Elevation:
Borehole angle:

Probe Type: EMS 3835
Serial No.: HH227001
Probe Range: 250 PSI
Westbay Casing Type: 2" PVC

Date: 7-18-06
Client: MK v JC
Job No.:
Location:
Weather:
Operator:

Note: "Port position" in angled boreholes refer to position along drillhole. True depth (Dp) needs to be calculated using borehole angle and deviation data to calculate zone piezometric level (Dz).

Ambient Reading (P_{atm}) (pressure, temperature, time)
Start: 14:71 Finish: 14:71
P_{atm} _____ psi

Port No.	Port Position From Log ( )	Port Position From Cable ( )	True Port Depth "Dp" ( )	Fluid Pressure Readings: Inside Casing (P1)	Fluid Pressure Readings: Outside Casing (P2)	Fluid Pressure Readings: Inside Casing (P1)	Probe Temp. (°C)	Time H:M:S	Pressure Head Outside Port ( ) H = (P2-Patm)/w	Piez. Level Outside Port ( ) Dz = Dp - H	Comments
1	435	433	435	197.07	191.10	197.07	19.71	9:11			LDL VOC
2	373	371.5	373	170.13	165.00	170.13	17.15	9:13			↓
3	238	237.4	238	111.50	109.12	111.50	15.51	9:15			
4	158	157.8	158	~~76.75~~	~~76.68~~	~~76.75~~	~~14.77~~	0922			DUP all analysis
5	103	103.2	103	52.85	53.27	52.85	14.17	0924			LDL VOC
6	~~53~~ 98	48.7	~~53~~ 48	28.96	29.54	28.96	14.07	0926			LDL VOC

301511

Notes: w[illegible] psi/ ft (1.422psi/m) of H_2O
H = [illegible]sure head of water in zone
Dz = piezometric level in zone
Dp = true depth of measurement port
Patm = atmospheric [illegible]re

1 of 2

Westbay Instruments Inc.
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SUP-08

Groundwater Sampling
Field Data Sheet

Project: MW-5.C

Monitoring Well No.:

Sampling Zone No(s).:

Date: 7-18-06

Start Time: _____ Atm. Rdg: _____

End Time: _____ Atm. Rdg: _____

Operators: _____

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
4	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.65	✓	76.69	✓	41.75	✓	✓	78.65	Pest
4	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.66	✓	76.67	✓	40.38	✓	✓	78.66	SVOA
4	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.61	✓	76.67	✓	45.90	✓	✓	78.61	SVOA
4	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.67	✓	76.66	✓	43.80	✓	✓	78.67	PCB
4	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.66	✓	76.67	✓	41.69	✓	✓	78.66	PCB
4	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.62	✓	76.67	✓	40.02	✓	✓	78.62	PEST
4	7	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.57	✓	76.68	✓	42.67	✓	✓	78.57	Cl, S, N
4	8	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.54	✓	76.67	✓	43.12	✓	✓	78.54	Metals Hg
4	9	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.48	✓	76.67	✓	43.55	✓	✓	78.48	CN
4	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.47	✓	76.67	✓	39.85	✓	✓	78.47	TPC, VOC Leach Test
		DUPLICATE																	
4	11	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.38	✓	76.64	✓	41.60	✓	✓	78.38	SVOA
4	12	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.38	✓	76.69	✓	38.23	✓	✓	78.38	PCB
4	13	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.37	✓	76.68	✓	40.33	✓	✓	78.37	PEST
4	14	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.32	✓	76.66	✓	39.40	✓	✓	78.32	PCB

Additional Comments: (pH, turbidity, S.C., etc.)

301512

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Westbay Instruments Inc.
A Schlumberger Company

SVP-08

Groundwater Sampling
Field Data Sheet

Project: _____
Monitoring Well No.: _____
Sampling Zone No(s).: _____

Date: _____
Start Time: _____ Atm. Rdg: _____
End Time: _____ Atm. Rdg: _____
Operators: _____

Port No.	Run No.	Surface Function Tests (probe in flushing collar)						Position Sampler			Sample Collection Checks (probe located at sampling zone in Westbay casing)								Comments (volume recovered)
		Shoe Out	Close Valve	Check Vacuum	Open Valve	Apply Vacuum	Close Valve	Locate Port	Arm Out	Land Probe	Pressure in Westbay ( )	Shoe Out	Zone Pressure ( )	Open Valve	Zone Pressure ( )	Close Valve	Shoe In	Pressure in Westbay ( )	
4	15	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.28	X	76.69	X	39.52	X	X	78.28	SVOA
4	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.25	✓	76.65	✓	41.71	✓	✓	78.25	Pest
4	17	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.19	✓	76.67	✓	41.00	✓	✓	78.19	CN
4	18	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.16	✓	76.66	✓	37.89	✓	✓	78.16	Cl, S, N
4	19	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.18	✓	76.68	✓	36.14	✓	✓	78.18	metals Hg
4	20	✓	✓	✓	✓	✓	✓	✓	✓	✓	78.09	✓	76.67	✓	37.66	✓	✓	78.09	VOC TPC Hach Test
1	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	197.38	✓	191.23	✓	75.65	✓	✓	197.38	LDL VOC
2	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	170.40	✓	165.16	✓	81.80	✓	✓	170.40	LDL VOC
3	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	111.73	✓	109.15	✓	55.07	✓	✓	111.73	LDL VOC
5	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	53.03	✓	53.25	✓	28.27	✓	✓	53.03	LDL VOC
6	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	29.12	✓	29.54	✓	15.34	✓	✓	29.12	LDL VOC

Additional Comments: (pH, turbidity, S.C., etc.)

301513

OLD ROOSEVELT FIELD GROU[illegible]ATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-18-06 WELL #: SUP-08

SAMPLERS: ML & JL DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 95°F HOT! SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 600 XL / Horiba U-22 (circle one) Other (specify)_____ Instrument: Lamotte 2020

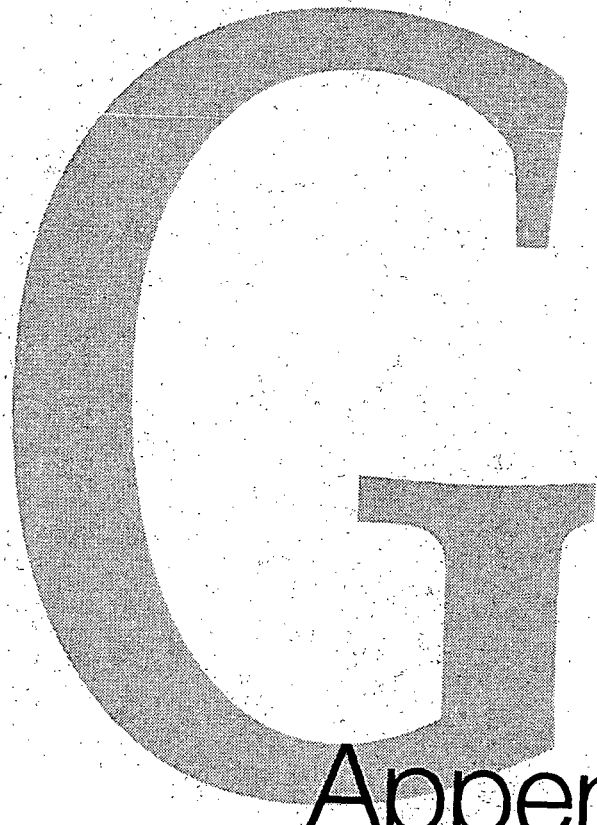
CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
Port #4		9:45			4.94	0.194	3.67	20.46	610.3	3.9
Port #1		15:25			5.28	0.167	4.04	22.41	530.6	4.1
Port #2		15:45			4.84	0.172	3.87	18.98	606.5	8.4
Port #3		16:00			4.77	0.193	3.96	19.57	64.3	2.7
Port #5		16:09			4.76	0.188	3.32	19.99	660.7	2.1
Port #6		16:20			4.86	0.267	2.57	19.99	668.5	7.0

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301514



Appendix G

Appendix G

Monitoring Well Development Sheets

301516

SVP-01

301517

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/30/06 **SVP #:** SVP-01

TIME: 1330 **DEPTH OF PUMP:** 50 - 55

WEATHER CONDITIONS: Sunny + warm 61°F. calm. **SAMPLERS:** AMS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1330	0		6.14	0.118	0	3.92	13.46	117.9
1332			6.13	0.118	0	4.13	13.52	123.9
1336			6.02	0.118	0	3.80	13.53	153.1
1339			5.87	0.258	0	3.40	13.46	162.5
1340			5.76	0.357	1	3.37	13.44	175.3
1342	80		5.82	0.293	0	3.03	13.32	173.0
1345			5.81	0.291	0	3.05	13.33	173.0
1347			5.83	0.291	0	3.01	13.31	172.0

301518

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

SVP-01 / 50 - 55 = 35.3 gallons

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/30/06 **SVP #:** SVP-01

TIME: 1305. **DEPTH OF PUMP:** 100-105.

WEATHER CONDITIONS: Sunny+warm 51°F. calm **SAMPLERS:** AMS.

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1305.	0		6.07	0.278	2	3.50	13.39	174.2
2	30		6.05	0.237	1	3.89	13.40	176.5
1310	60		5.96	0.320	0	4.05	13.40	151.9
2	90		5.84	0.321	0	3.51	13.31	172.8
↓	120		5.86	0.321	0	3.58	13.32	172.9
1325	150		5.89	0.321	0	3.59	13.32	173.6

301519

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

SVP-01 / [redacted] 105 = 133.2 gallons total

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/30/06 SVP #: SVP-01

TIME: 1000. DEPTH OF PUMP: 150 - 155'

WEATHER CONDITIONS: Sunny, clear 45°F, calm. SAMPLERS: AMS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1000	0	~30 gal/min.	6.62	0.292	1	0.55	13.44	-2.1
1010	30		6.31	0.299	0	1.03	13.19	36.2
1020	60		5.96	0.301	0	1.78	13.10	145.5
1030	90		5.95	0.310	0	2.09	13.14	155.4
1040	120		5.94	0.303	10	2.38	13.13	161.2
1050	150		5.93	0.303	0	2.58	13.12	165.9
1100	180		5.92	0.303	0	2.69	13.12	171.2
1110	210		5.93	0.303	0	2.69	13.13	171.9
1120	240		5.93	0.303	0	2.69	13.12	173.1

301520

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

SVP-01 / 150-155' = 231.162 gallons.

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/30/06 **SVP #:** SVP-01

TIME: 1200 **DEPTH OF PUMP:** 200-205

WEATHER CONDITIONS: Sunny + clear. 52°F. calm. **SAMPLERS:** AMS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1200	0	~~300 ml/min~~	5.84	0.288	⓪	1.21	13.07	180.2
1206 1210	30		5.85	0.287	0	1.25	13.07	179.5
1210 1220	60		5.84	0.287	0	1.25	13.06	178.7
1220	90		5.87	0.287	0	1.41	13.07	177.7
1240	120		5.87	0.287	0	1.44	13.06	157.8
1250	150		5.88	0.287	0	1.45	13.06	160.3
1300	180		5.90	0.291	0	1.63	13.03	172.3
1215 1310	210		5.92	0.294	0	1.79	13.03	175.9
1225 1320	240		5.91	0.293	0	2.08	13.01	176.9
1228 1330	270		5.91	0.293	0	2.05	13.02	176.9
1230 1340	300		5.91	0.294	0	2.03	13.01	176.8
1235 1350	330		5.92	0.293	0	2.04	13.01	177.3

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

SVP-01 | 200-[illegible] = 329.112 gallons

301521

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: ~~1/26/06~~ YMB 1/26/06 1/25/06 - 1/26/06 SVP #: ~~SVP~~ YMB 1/27/06 SVP-01

TIME: Start pump 1350 DEPTH OF PUMP: 250-255

WEATHER CONDITIONS: 50's sunny cool SAMPLERS: YMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ 501 ppl	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1400		0.16	5.81	0.293	0	1.35	13.02	179.5
1410		0.16	5.85	0.297	0	1.37	13.06	178.7
1420		0.16	5.87	0.298	0	1.42	13.06	177.7
1430		0.16	5.87	0.297	0	1.67	13.06	161.5
1440		0.16	5.91	0.293	0	1.69	13.05	176.2
~~1450~~		0.16	5.91	0.297	0	1.74	13.06	184.3
1500		0.16	5.91	0.296	0	1.34	13.01	180.4
~~1510~~		0.16	5.92	0.297	0	1.37	13.01	181.2
1520		0.16	5.92	0.297	0	1.42	13.02	183.5
1530		0.16	5.91	0.297	0	1.39	13.04	181.2
1540		0.16	5.97	0.294	0	1.39	13.05	182.7
1550		0.16	5.92	0.295	0	1.41	13.05	183.2

301522

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

SVP-01 250-255' = 350 gallons

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/25/06 - 1/26/06 **SVP #:** 01

TIME: Start @ 1330 (1/25/06) @0800 1/26/06 **DEPTH OF PUMP:** 290-295'

WEATHER CONDITIONS: 40's sunny **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Gal (gpm)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1340		0.16	6.82	0.345	0.0	1.32	13.25	-33.4
1350		0.16	6.46	0.333	0.0	1.37	13.26	-67.2
1400		0.16	6.46	0.327	1.5	1.67	13.62	-68.4
1410		0.16	6.22	0.329	1.0	1.42	13.65	+13.74
1420		0.16	6.22	0.341	1.0	1.63	13.67	-100.2
1430		0.16	6.21	0.347	1.0	1.67	~~13.65~~ 13.65	142.7
1440		0.16	6.23	0.342	1.0	1.21	13.62	139.2
1450		0.16	6.21	0.341	1.0	1.20	13.63	147.4
1500		0.16	6.21	0.344	1.0	1.29	13.62	143.2
1510		0.16	6.23	0.342	1.0	1.24	13.61	149.4
1520		0.16	6.24	0.343	1.3	1.29	13.61	143.2
1530		0.16	6.21	0.343	1.2	1.29	13.61	143.4

301523

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

Purge Volume 400 Gallons

WELL DEVELOPMENT LOG

pg 2 of 3

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/25/06 - 1/26/06 **SVP #:** 01

TIME: Start @ 1330 (1/25/06), @ 0800 1/26/06 **DEPTH OF PUMP:** 290-295

WEATHER CONDITIONS: 40's sunny **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Solppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0810		0.16	6.24	0.343	0	1.27	13.20	143.2
0820		0.16	6.24	0.342	0	1.27	13.21	143.4
0830		0.16	6.23	0.343	0	1.29	13.21	143.9
0840		0.16	6.23	0.342	0	1.26	13.21	143.2
0850		0.16	6.22	0.402	0	1.26	13.22	143.1
0900		0.16	6.21	0.402	0	1.27	13.22	143.2
0910		0.16	6.21	0.397	0	1.27	13.24	149.7
0920		0.16	6.22	0.400	0	1.27	13.24	143.4
0930		0.16	6.21	0.401	0	1.27	13.22	143.7
0940		0.16	6.23	0.402	0	1.27	13.24	143.9
0950		0.16	6.24	0.400	0	1.28	13.27	142.1
1000		0.16	6.23	0.400	0	1.28	13.24	142.3

301524

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

Purge Volume 400 gallon

WELL DEVELOPMENT LOG

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OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/25/06 - 1/26/06 **SVP #:** 01

TIME: 0800 1/26/06 **DEPTH OF PUMP:** 290-295

WEATHER CONDITIONS: **SAMPLERS:** TMR

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ 0.2 ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1010		0.16	6.24	0.402	0	1.27	13.21	143.7
1020		0.16	6.23	0.402	0	1.28	13.22	143.2
1030		0.16	6.23	0.402	0	1.27	13.23	143.1
1040		0.16	6.23	0.402	0	1.29	13.25	143.7
Stage II Development			Complete		≈ 900 gallons purge			

301525

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

Purge Volume 400 gallons

WELL DEVELOPMENT LOG

page 1 of 2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/25/06 ~~1/26~~ **SVP #:** 01

TIME: 800 start pump **DEPTH OF PUMP:** ~~370'-375'~~ 315'-320' ~~TMB 1/25/06~~

WEATHER CONDITIONS: 40's Sunny Cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0810		0.16	6.30	0.255	0.0	10.71	11.18	173.1
0820		0.17	6.17	0.343	0.0	3.61	12.25	17.5
0830		0.17	6.07	0.347	0.0	3.59	12.50	40.0
0840		0.17	6.04	0.342	0.0	4.07	12.50	100.1
0850		0.17	6.04	0.340	0.0	4.30	12.45	132.4
0900		0.17	6.04	0.339	0.5	3.27	12.69	150.4
0910		0.17	6.03	0.339	0.0	3.07	12.79	150.7
0920	250 gallons	0.17	6.03	0.337	0.1	3.00	12.79	153.7
0930		0.17	6.03	0.338	0.0	2.99	12.85	163.7
0940		0.17	6.03	0.337	0.0	2.05	12.45	171.3
0950		0.16	6.01	0.337	0.0	1.62	12.50	176.0
1000		0.17	6.03	0.337	0.0	1.63	12.74	179.3

301526

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

WELL DEVELOPMENT LOG

pg 2 of 2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/25/06 **SVP #:** 01 MB 1/25/06

TIME: 0800 Start pump **DEPTH OF PUMP:** ~~370'-375'~~ 315'-320'

WEATHER CONDITIONS: 40's sunny cool **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ cd (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1010	360	0.17	6.03	0.338	0.0	10.32	11.81	182.3
1020		0.17	6.03	0.339	0.0	1.63	12.62	183.0
1030		0.17	6.03	0.337	0.0	1.64	12.73	184.0
1040		0.17	6.17	0.337	0.0	1.63	12.70	184.3
1050		0.16	6.12	0.338	0.0	1.66	12.71	183.8
1100		0.17	6.13	0.336	0.0	1.63	12.62	182.3
1110		0.17	6.13	0.336	0.0	1.63	12.71	182.3
1115	610	0.17	6.17	0.337	0.0	1.63	12.71	182.1
1120	STAGE II DEVELOPMENT			370'-375'				

301527

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

Total Purged 610 gallons

WELL DEVELOPMENT LOG

Pg 1 of 2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/24/06 **SVP #:** 01

TIME: 0915 ~~readings start~~, pump start 0815 **DEPTH OF PUMP:** 370-375'

WEATHER CONDITIONS: 30's sunny cold **SAMPLERS:** YMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0925		0.17	7.63	0343	3.2	8.22	12.25	153.0
0935		0.17	6.17	0.353	3.0	5.06	12.45	137.1
0945		0.17	6.07	0.347	3.7	4.51	12.56	152.5
0955		0.16	6.03	0.341	3.2	3.92	12.51	153.1
1005		0.17	6.03	0.341	3.1	3.87	12.63	163.5
1015		0.16	6.03	0.342	3.3	2.41	12.70	163.2
1025		0.17	6.03	0.340	3.4	2.01	12.69	153.1
1035		0.17	6.05	0.339	3.1	1.45	12.76	153.1
1045		0.17	6.03	0.340	3.2	1.47	12.77	150.1
1055		0.17	6.03	0.339	3.2	1.42	12.79	150.1
1105		0.17	6.03	0.338	3.2	1.45	12.80	153.2
1110		0.17	6.05	0.332	3.4	1.45	12.79	153.1

301528

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

WELL DEVELOPMENT LOG

Pg 2 of 2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/24/06 **SVP #:** 01

TIME: 0915 readings start pump@0915 **DEPTH OF PUMP:** 370-375'

WEATHER CONDITIONS: 30's sunny cold **SAMPLERS:** MJB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ gal/(ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1120		0.17	6.03	0.334	3.4	1.42	12.78	153.2
1130		0.17	6.03	0.333	3.2	1.41	12.79	153.4
1135	STAGE II Development @ SVP-01							
	Total Purged 650 gallons							

301529

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

WELL DEVELOPMENT LOG

pg 1 of 2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/23/06 **SVP #:** 01

TIME: 1445 **DEPTH OF PUMP:** 400 - 405'

WEATHER CONDITIONS: 30's overcast raining **SAMPLERS:** AMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE (gal/ppm)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1455		0.15	6.53	0.247	3.6	3.27	12.32	138.7
1505		0.15	6.52	0.231	3.6	3.20	12.40	139.2
1510		0.15	6.57	0.241	3.7	3.14	1241	140.4
1520		0.15	6.42	0.241	3.2	2.87	12.47	143.2
1530		0.15	6.51	0.241	3.2	2.91	12.47	141.2
1540		0.15	6.50	0.243	3.2	2.71	1241	147.4
1550		0.15	6.53	0.241	3.5	2.69	12.41	143.1
1600		0.15	6.42	0.241	3.7	1.25	12.37	147.2
1610		0.15	6.40	0.243	3.2	1.21	12.32	143.2
1620		0.15	6.21	0.243	3.2	1.24	1241	141.4
1630		0.15	6.40	0.241	3.4	1.23	12.43	142.4
1640		0.15	6.41	0.241	3.4	1.27	12.42	141.2

301530

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

WELL DEVELOPMENT LOG

pg 2 of 2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11.23.16 **SVP #:** 01

TIME: 1445 **DEPTH OF PUMP:** 400 - 405

WEATHER CONDITIONS: 30's overcast rainy **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ 521 ppl	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1650		0.15	6.42	0.242	.34	1.23	12.37	147.4
1700		0.15	6.41	0.242	.32	1.24	12.42	145.2
1710		0.15	6.41	0.241	.32	1.23	12.32	143.2
1715		0.15	6.41	0.241	3.2	1.25	12.41	142.3
	Stage II complete =		700 gallons					

301531

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

WELL DEVELOPMENT LOG

page 1 of 2

STAGE II

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/23/06 SVP #: 01

TIME: 0900 DEPTH OF PUMP: 450-455

WEATHER CONDITIONS: 30's Overcast rainy SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0910		0.15	6.53	0.231	3.6	3.43	12.37	95.5
0920		0.15	6.45	0.242	4.2	3.73	12.38	114.4
0930		0.15	6.46	0.242	4.2	3.71	12.39	135.4
0940		0.15	6.40	0.244	4.2	3.79	12.40	138.2
0950		0.15	6.40	0.241	4.1	3.00	12.41	139.2
1000		0.15	6.36	0.245	4.2	2.65	12.41	139.3
1010		0.15	6.36	0.245	4.2	2.00	12.44	139.2
1020		0.15	6.32	0.247	4.1	1.92	12.40	146.8
1030	500	0.15	6.31	0.246	4.0	0.97	12.41	142.9
1040		0.15	6.31	0.246	4.0	0.90	12.40	143.7
1050		0.15	6.29	0.246	4.1	0.87	12.39	143.2
1100		0.15	6.25	0.241	4.1	0.83	12.39	143.2

301532

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

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/23/06 **SVP #:** 01

TIME: 0900 **DEPTH OF PUMP:** 450-455'

WEATHER CONDITIONS: 30's Overcast rainy **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal(ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1110		0.15	6.25	0.241	4.1	0.62	12.41	143.2
1120		0.15	6.27	0.242	4.1	0.63	12.01	143.1
1130		0.15	6.29	0.242	4.1	0.62	12.10	143.2
1140		0.15	6.29	0.241	4.0	0.64	12.11	143.4
1150		0.15	6.29	0.241	4.1	0.64	12.12	143.2
1201	900	0.15	6.29	0.241	4.1	0.64	12.14	143.2
	Total Volume			900	gallons			

301533

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

SVP-02

301534

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/13/05 **SVP #:** 0.2

TIME: 1055 **DEPTH OF PUMP:** 50-55'

WEATHER CONDITIONS: 30's Sunny cold **SAMPLERS:** TL KB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1058		~~0.20~~ 0.17	5.87	0.291	0.0	0.72	14.79	166.1
1101		~~0.20~~ 0.17	5.87	0.291	0.0	0.72	14.72	166.1
1104		0.17	5.82	0.291	0.0	0.72	14.73	167.3
1107	50	0.17	5.87	0.291	0.0	0.72	14.72	166.3
		Total Purged 50 gallons						

301535

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/13/05 **SVP #:** 02

TIME: 1025 Start Pump **DEPTH OF PUMP:** 100-105'

WEATHER CONDITIONS: 30's sunny cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1030		0.17	6.45	0.397	0.0	0.15	15.72	116.3
1035		0.17	6.11	0.292	0.0	0.39	15.18	147.5
1040		0.17	6.10	0.292	0.0	0.39	15.12	147.3
1045	155	0.17	6.12	0.292	0.0	0.39	15.17	147.2
		Total Purge 155 gallons						

301536

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/13/05 **SVP #:** 02

TIME: 1000 **DEPTH OF PUMP:** 150 - 155'

WEATHER CONDITIONS: 20's Sunny cold **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE Sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1005		0.17	6.06	0.282	0.0	0.61	15.15	137.7
1010		0.17	6.03	0.285	0.0	0.61	15.21	138.2
1020	300	0.17	6.03	0.285	0.0	0.61	15.21	138.1
		Total Purge			300	gallons		

301537

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 1/2/2005 **SVP #:** 02

TIME: 0915 **DEPTH OF PUMP:** 190'-195'

WEATHER CONDITIONS: 20's sunny cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0920		0.21	6.73	0.352	4.7	0.70	15.83	110.1
0925		0.17	6.69	0.288	4.2	0.37	1521	74.3
0930		0.17	6.65	0.285	4.3	0.39	15.15	77.3
0935		0.17	6.65	0.285	4.2	0.37	15.15	77.1
0940		0.17	6.65	0.286	4.2	0.39	15.12	76.2
0945	320	0.17	6.65	0.285	4.2	0.39	15.13	76.1
		Total 320 gallons						

301538

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/12/05 **SVP #:** 02

TIME: 1350 **DEPTH OF PUMP:** 250'-255'

WEATHER CONDITIONS: 30's overcast, cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1400		0.18	5.94	0.293	3.1	0.73	14.68	170.8
1410	200	0.18	5.94	0.293	3.1	0.71	14.70	170.7
1420		0.18	5.93	0.292	3.2	0.60	14.69	171.7
1430		0.18	5.93	0.293	3.2	0.61	14.57	169.9
1440	500	0.12	5.93	0.293	3.2	0.61	14.57	169.9
		Total	500 gallons					

301539

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/12/05 **SVP #:** 02

TIME: 1127 **DEPTH OF PUMP:** 290 - 295'

WEATHER CONDITIONS: 30's **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE ~~gpm~~ ppl	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1140	200	0.17	6.34	0.277	3.1	0.38	14.26	135.0
1150	|	0.18	6.06	0.293	3.2	0.36	14.54	151.7
1155	|	0.18	6.04	0.293	3.2	0.36	14.56	153.6
1200	|	0.18	6.00	0.293	3.2	0.36	14.60	154.4
1205	400	0.18	6.00	0.293	3.2	0.29	14.61	152.3
1210	|	0.18	6.00	0.293	3.2	0.27	14.61	152.1
1215	|	0.18	6.00	0.293	3.1	0.27	14.62	153.1
1220	|	0.18	6.00	0.293	3.4	0.27	14.60	152.1
1225	|	0.18	6.00	0.292	3.2	0.29	14.61	152.1
1230	600	0.18	6.00	0.292	3.2	0.29	14.62	152.3
		Total 600 gallons						

301540

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/12 **SVP #:** 09

TIME: 0820 **DEPTH OF PUMP:** 350 - 355'

WEATHER CONDITIONS: 30's sunny cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0830		0.19	7.39	0.322	~~4461~~ 0.0	0.29	14.57	145
0840		0.19	7.42	0.387	0.0	0.25	14.37	229
0850		0.19	7.26	0.387	0.0	0.26	14.36	243
0900		0.18	6.56	0.294	0.0	0.26	14.37	761
0910		0.18	6.54	0.293	0.0	0.26	14.37	789
0920		0.18	6.52	0.293	0.0	0.26	14.39	824
Stage II development complete @ 350-355								
		Total	650 gallons					

301541

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/7/05 **SVP #:** 02

TIME: 1230 Start pump **DEPTH OF PUMP:** 370-375'

WEATHER CONDITIONS: 30's Sunny cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1240	|	0.17	6.17	0.304	0.0	2.19	14.74	150.3
1250	|	0.17	5.89	0.303	0.0	2.31	14.67	153.2
1300	|	0.17	5.80	0.303	0.0	0.99	14.70	155.5
1310	400	0.17	6.0	0.301	0.0	0.42	14.70	150.2
1320	|	0.18	5.99	0.303	0.0	0.42	14.71	150.2
1330	600	0.18	5.99	0.303	0.0	0.43	14.62	150.2
1335	|	0.18	5.99	0.303	0.0	0.43	14.59	159.2
1340	700	0.18	5.99	0.300	0.0	0.43	14.53	159.2
		Development Complete						

700 TMB 12/7/05

Purge Volume ~~605~~ gallons

301542

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/7/05 **SVP #:** 02

TIME: 0800 start pump **DEPTH OF PUMP:** TW 410-415

WEATHER CONDITIONS: 30's sunny cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ gpt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0810		0.19	7.17	0.304	0.0	6.0	14.43	35.5
0820		0.19	6.22	0.300	0.0	2.72	14.43	108.7
0830	400	0.18	6.23	0.302	0.0	1.98	14.42	112.9
0840		0.18	6.22	0.302	0.0	0.62	14.42	112.8
0850		0.18	6.20	0.302	0.0	0.61	14.41	126.4
0900		0.18	6.06	0.301	0.0	0.61	14.41	126.9
0905	800	0.18	6.01	0.300	0.0	0.61	14.43	127.8
0910		0.18	6.05	0.300	0.0	0.61	14.46	128.9
0915	900	0.18	6.02	0.300	0.0	0.60	14.45	129.4
0916	Completed	Stage II	@ 410-415'					

Purge Volume 943 gallons

301543

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/6/05 **SVP #:** SVP-02
TIME: 1400 **DEPTH OF PUMP:** 450-455
WEATHER CONDITIONS: 30's sunny cold **SAMPLERS:**

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE ~~gal/ppm~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1410		0.19	5.87	0.400	3.2		1455	30.9
1420	300	0.19	7.35	0.320	3.1		1456	31.2
1430		0.19	7.34	0.320	3.1		1456	31.6
1440	500	0.19	7.31	0.320	3.1		1451	31.2
1445		0.19	7.31	0.321	3.1		1452	31.2
1450		0.19	7.31	0.319	3.0		1452	31.2
1455	900	0.19	7.31	0.319	3.0		1452	32.0
1500	Stage II	complete	@	SVP-02	450-455			

Purge Volume ~~220~~ 920 gallons
JMB 12/6/05

301544

REV 5/01

SVP-03

301545

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WELL DEVELOPMENT LOG
w/ Grundfos Pump

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

SVP-03
1st screen interval
(50-55'bls)

301546

DATE: 10/12/05 recopy of original
SVP #: 03
TIME: 0840
DEPTH OF PUMP: 50-55'bls; 1st screen interval
WEATHER CONDITIONS: 40's to 50's, heavy precipitation today & development parameters
SAMPLERS: Joseph T. Maharrey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~10/12/05 FLOW RATE~~ Salinity	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0840		0.63	5.62	1.032	37	7.17	16.75	220.1
0845		0.64	5.93	1.084	23	8.43	17.03	138.8
0855		0.62	5.90	1.041		6.00	17.00	76.0
0906		0.60	5.89	1.015		5.74	16.81	72.3
0912	~500 gals	0.59	5.85	Suspend parameters to pump off poly tanks				~~10/12/05~~ 10/13/05
1045			6.39	0.920	3.9	7.05	16.88	114.9
1055			6.14	0.781	1.6	4.92	16.80	142.4
1100			6.13	0.877	1.6	4.70	16.71	145.6
1105			6.16	0.667	1.1	4.73	16.61	148.5
1110			6.16	0.624	1.1	4.61	16.53	150.1
1115	~925 gals		6.16	0.634	1.0	4.99	16.46	152.8

Parameters stabilize, complete 2nd stage development of SVP-03 1st screen interval ~~10/12/05~~

Note: Turbidity measured w/ LaMotte 2020 Turbidimeter SN: 1589-0300

Total 925 gallons

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/12/05 * original from 10/12/05 development of SVP-03 SVP #: 03

TIME: 0840 DEPTH OF PUMP: 50-55' bls; 1st screen interval

WEATHER CONDITIONS: 1st screen interval (50-55 bls) SAMPLERS: Joseph Mahoney

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE Salinity	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0840		0.63	5.62	1.032	37	7.17	16.75	220.1
0845		0.64	5.93	1.034	23	8.43	17.03	138.8
0855		0.62	5.90	1.041		6.00	17.00	76.0
0905		0.60	5.89	1.015		5.74	16.81	72.3
0912	~500 gals	0.59	5.85					
1045			6.39	0.920	3.9	7.05	16.88	114.9
1055			6.14	0.781	1.6	4.92	16.80	142.4
1100			6.13	0.877	1.6	4.70	16.71	145.6
1105			6.16	0.667	1.1	4.73	16.61	149.5
1110			6.16	0.624	1.1	4.61	16.53	150.1
1115	~925 gals		6.16	0.634	1.0	4.99	16.46	152.8

Total 925 gallons

301547

REV 5/01

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2nd stage Well Development

WELL DEVELOPMENT LOG

w/ Grundfos Pump

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

SVP-03
2nd screen interval
(100-105' bgs)

DATE: 10/11/05 SVP #: 03

TIME: 1445 DEPTH OF PUMP: 100-105' bgs, 2nd screen interval

WEATHER CONDITIONS: 50's to 60's, overcast w/ rain Today SAMPLERS: Joseph Z. Maharrey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE salinity	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv
1450		0.32	5.61	0.555	7.6	*68.90	16.66	162.6
1455		0.32	5.60	0.552	7.3	*71.22	16.62	165.1
1500		0.32	5.59	0.548	15	*71.04	16.52	171.5
1515		0.32	5.57	0.546	7.4	*71.11	16.38	180.4
1520	~475 gals	0.32	5.67	0.541	6.6	*89.34	16.33	177.9
1525		0.32	5.61	0.547	5.3	*72.47	16.28	180.8
1530		0.31	5.57	0.533	3.1	*72.96	16.19	185.7
1535		0.32	5.54	0.548	3.3	*72.59	16.22	185.8
1540		0.32	5.55	0.537	3.6	*74.43	16.26	188.4
1545		0.32	5.56	0.535	3.2	*74.28	16.26	188.5
1550	~975 gals	0.32	5.56	0.535	3.0	*75.11	16.25	189.6
		J. Bellan Maharrey		10/11/05				

*Dissolved Oxygen probe malfunctioning, readings not presumed accurate JBM 10/11/05

Note: Turbidity measured w/ LaMotte 2020 Turbidimeter S/N: 1589-0500

Total 975 gallons

301548

REV 5/01

2nd stage WL Development

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WELL DEVELOPMENT LOG
w/ Grundfos Pump

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

SVP-03
3rd screen interval
(170-175' bgs)

DATE: 10/11/05 SVP #: 03

TIME: 1155, 1345 DEPTH OF PUMP: 170-175' bgs, 3rd screen interval

WEATHER CONDITIONS: 50's to 60's, overcast w/ rain today SAMPLERS: Joseph Z. Maharrey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE Salinity	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1155		0.56	5.82	0.963	49.5	* 52.63	16.93	122.0
1200		0.58	5.77	0.975	32.4	* 61.46	16.86	124.6
1205	~200 gals	0.39	5.79	0.640	71.8	* 61.86	16.73	131.6
1210		0.35	5.67	0.596	61.3	* 61.29	16.75	144.2
1220	~450 gals	0.34	5.63	0.573	22.7	* 66.44	16.49	149.3
1225		0.33	5.62	0.558	16.3	* 61.06	16.05	150.0
1230	~500 gals	0.33	5.65	0.557	12.8	* 63.64	16.28	148.4
1345 ~~1235~~	~620 gals	0.62	5.87	1.051	14.9	* 48.90	16.98	135.3
1355 ~~1345~~	10/11/05	0.57	5.92	0.955	15.2	* 54.57	16.49	120.4
1400		0.38	5.82	0.640	9.1	* 49.55	16.43	129.5
1405		0.35	5.79	0.621	6.1	* 50.13	16.35	139.3
H10	~1040 gals	0.33	5.72	0.616	5.1	* 52.95	16.39	127.4

* Dissolved Oxygen Probe malfunctioning, readings not presumed accurate 10/11/05

Note: Turbidity parameter measured w/ LaMotte 2020 Turbidimeter, S/N: 1589-0300

Total 1040 gallons

301549

REV 5/01

Page 1 of 2

2nd Stage ~~LOW FLOW GR~~ Well Development ~~FER SAMPLING~~ w/Grundfos Pump

SVP-03 4th screen interval (290-295' bgs)

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/10/05, 10/11/05 WELL #: SVP-03

TIME: 1325, 0755 DEPTH OF PUMP: 290-295, 4th screen interval

WEATHER CONDITIONS: 50's to 60's, overcast w/ light rain SAMPLERS: Joseph Z. Mahoney

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~DEPTH TO WATER (FT TOC)~~ Salinity	FLOW RATE	~~DRAWDOWN FEET (+/- 0.3 FT)~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1325		0.37			6.16	0.638	67.5	*41.36	16.57	58.0
1535		0.38			6.06	0.652	45.4	*40.31	16.40	-40.1
1545		0.46			5.89	0.771	32.4	*51.57	16.01	8.7
1551	~420 gals	0.41			5.89	0.693	26.1	*52.48	15.90	33.5
10/11/05 0755		0.40	* Purge from Line *		6.33	0.663	38.2	*22.39	15.16	264.3
0807		0.52			6.12	0.860	20.6	*16.38	16.53	32.5
0815		0.50			5.95	0.835	9.30	*31.99	16.40	54.1
0825	~920 gals	0.48			5.88	0.811	4.07	*56.48	16.29	77.3
0835		0.44			5.85	0.743	4.93	*74.23	16.22	91.0
0845		0.39			5.80	0.656	3.21	*82.68	16.18	102.3
0855		0.37			5.76	0.624	2.53	*88.09	16.16	106.9
0905		0.36			5.75	0.605	2.58	*92.58	16.12	111.2

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis. * Dissolved Oxygen probe malfunctioning, readings not presumed accurate 10/11/05

REV 5/01

Note: Turbidity measured w/ LaMotte Turbidimeter 2020 S/N: 1589-0300 10/11/05

301550

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WELL DEVELOPMENT LOG

2nd stage Well Development
OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK
w/ Grundfos pump

SVP-03
4th screen interval
(290-295' bgs)

DATE: 10/11/05 SVP #: 03

TIME: 1020 DEPTH OF PUMP: 290-295' bgs, 4th screen interval

WEATHER CONDITIONS: 50's to 60's, overcast w/ mod rain today SAMPLERS: Joseph Z. Maharrey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%) 10/11/05	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1020		N/A	5.92	0.891	* 5.64	* 46.59	16.45	132.5
1030		"	5.73	0.592	4.58	* 42.42	16.26	121.2
1040		"	5.69	0.584	3.02	* 52.80	16.17	124.9
1050	~1220	"	5.70	0.589	2.46	* 59.41	16.17	127.0
Parameters stabilize for SVP-03 4th screen interval, 2nd stage development complete 10/11/05								

10/11/05

Note: Turbidity measured w/ LaMotte 2020 Turbidity meter, S/N: 1589-0300

* Dissolved Oxygen probe malfunctioning, readings not presumed accurate 10/11/05

Total 1220 gallons

301551

REV 5/01

~~LOW FLOW GR~~ Stage 1 Development ~~FER SAMPLING~~
w/ Groundwater Pump

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

SVP 03
5th screen interval
(370-375' bgs)

DATE: 10/10/05 **WELL #:** SVP-03

TIME: 0930 **DEPTH OF PUMP:** 370-375 5th screen interval

WEATHER CONDITIONS: 50's to 60's overcast slight rain today **SAMPLERS:** Joseph Z. Maharrey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~DEPTH TO WATER (FT TIC)~~ Salinity	FLOW RATE	~~DRAWDOWN FEET (+/- 0.3 FT)~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED *OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0930		0.36			6.31	0.654	62.5	ϕ	16.78	30.1
0935		0.37			6.56	0.651	58.3	ϕ	16.35	-20.2
0940		0.41			6.59	0.647	55.6	ϕ	15.97	-35.3
0945		0.40			6.49	0.669	(52.3) ~~5.23~~ results lost	ϕ	15.47	-38.2
0950		0.40			6.38	0.949	65.2	ϕ	15.66	-19.6
0955	~500gals	0.40			6.27	0.985	49.0	ϕ	15.53	2.3
1000		0.40			6.25	0.971	27.0	ϕ	15.46	9.1
1005		0.40			6.17	0.970	24.5	ϕ	15.55	24.2
1015		0.40			6.07	0.946	24.5	*12.33	15.31	52.7
1025	~1000gals	0.40			6.01	0.955	4.40	*21.51	16.09	68.7
1035	↓	0.40			5.95	0.917	2.75	*27.60	16.05	78.7
1045	~1050gals	0.40			5.91	0.807	4.17	*32.87	15.59	82.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis. Note: Turbidity parameter measured w/ LaMotte Turbidimeter 2020; S/N: 1589-0300

* Dissolved Oxygen probe malfunctioning, probe is not reading D.O. in sample possibly functioning ~~correctly~~ 10/10/05 correctly after start of pumping LTM 10/10/05

301552

REV 5.01

~~LOW FLOW GRO~~ ~~PER SAMPLING~~ w/ Grundfos Pump

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

SVP-03
5th screen interval
(370-375' bgs)

DATE: 10/10/05 WELL #: SVP-03

TIME: 1055 DEPTH OF PUMP: 370-375 bgs 5th screen interval

WEATHER CONDITIONS: 50's to 60's, overcast w/ moderate rain SAMPLERS: Joseph Z. Meharrey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~DEPTH TO WATER (FT BTIC)~~ Salinity	FLOW RATE	~~DRAWDOWN FEET (+/- 0.3 FT)~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	*DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1055	~1420 gals	0.46			5.88	0.756	1.94	*41.95	15.50	93.0
1100	Suspend pumping. Drillers off-site w/ support truck & IDW to CDM Frac Tank (~1420 gals).									
1240	~1920 gals	0.46			5.93	0.768	9.27	*88.74	1564	85.9
~~1245~~ 1250 (5 min)		0.44			5.95	0.766	7.37	*101.70	15.61	87.3
1300		0.43			5.86	0.711	4.66	*94.20	15.70	103.6
1310		0.40			5.81	0.669	3.17	*106.64	15.69	111.0
1320		0.38			5.79	0.631	2.43	*111.50	1572	115.6
1325		0.38			5.79	0.628	2.00	*111.17	15.64	117.3
1330	~2,420 gals	0.38			5.80	0.626	2.00	*111.13	15.56	117.6
1335		0.37			5.78	0.623	2.11	*110.98	15.60	116.0
1340		0.37			5.78	0.620	1.95	*109.64	15.59	116.2
1345	~2,840 gals	0.37			5.76	0.618	2.06	*109.59	15.52	116.8
1349	Parameters stabilize for SVP-03 5th screen interval (370-375 bgs) 2nd stage development complete (5 volumes)									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis. Note: Turbidity parameter measured w/ LaMotte Turbidimeter 2020, SIN: 1589-0300

* Dissolved Oxygen probe malfunction, probe is not reading D.O. in sample possibly functioning ~~correctly~~ 10/11/05 correctly or start pumping

301553

REV 5

DO PRO[illegible] NOT WORKING

2nd Stage Well development
~~LOW FLOW GR[illegible] [illegible]TER SAMPLING~~
w/ G[illegible]dfos Pump

Pg 1 of [illegible]

SVP-03
6th screen interval
(390-395 bgs)

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 10/7/05

WELL #: SPV-03

TIME: START PUMPING AT 10:15

DEPTH OF PUMP: 390-395 6th screen interval

WEATHER CONDITIONS: MOSTLY CLOUDY, WARM 80°F, HUMID

SAMPLERS: Ed KULKUSKY

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1015	Ø	—	11 gpm	—	6.0	0.861	16.2	Ø	19.34	55.0
1030	150				5.31	1.038	22.7	Ø	17.69	-60.2
1045	400				5.11	0.847	32.0	Ø	17.19	91.8
1100	600				5.21	0.829	16.4	Ø	18.63	110.5
1115	750				5.03	0.769	9.15	Ø	18.24	122.7
1130	950				5.07	0.754	11.7	Ø	18.40	124.1
1145	1100				4.96	0.690	8.3	Ø	16.80	132.9
1200	1300				4.99	0.681	7.4	Ø	16.63	134.2
TANK ARE FULL BREAK TO EMPTY THEM AND GO TO LUNCH										
1400	1300		13 GPM		5.65	0.711	7.67	Ø	17.13	44
1415	1400		13 GPM		5.49	1.048	7.99	Ø	16.30	53
1430	1600				5.21	0.846	7.82	Ø	16.77	96.7

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

REV 5.0

301554

DO PROBE NOT WORKING

~~LOW FLOW GRO~~ stage: ~~) ~~ll development ~~TER SAMPLING~~
w/ Grundfos Pump

Pg 2 of 2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

SVP-03
6th screen interval
(390-395' bgs)

DATE: 10/7/05 **WELL #:** SPV-03

TIME: 1430 **DEPTH OF PUMP:** 390-395 6th screen interval

WEATHER CONDITIONS: Cloudy, warm 80°F **SAMPLERS:** Ed Kulkusky

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDO POTENT mV (+/- 10 m
1445	1800	—	13 GPM	—	5.49	0.787	4.57	Ø	19.37	104.9
1500	2100		13 gPM		5.14	0.671	9.64	Ø	16.82	129.6
1515	2300		"		5.09	0.660	10.59	Ø	16.50	135.3
1530	2450		"		5.07	0.649	7.38	Ø	16.82	137.8
1545	2600		"		5.04	0.641	9.09	Ø	16.51	144.
Tanks are Full and Readings Have Stabilized										
		Total Volume 975 gallons								

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

REV

301555

D.O. PROBE BROKEN

Page 1 of 2

2nd stage well development

WELL DEVELOPMENT LOG

w/ Grundfos Pump

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

SVP-03
7th screen interval
(450-455' bgs)

DATE: 10/6/05 SVP #: 03

TIME: 1345 DEPTH OF PUMP: 450-455' Bgs 7th screen interval

WEATHER CONDITIONS: Partly cloudy, 80's, Humid SAMPLERS: Ed Kulkusky

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
~~15:00~~ K45	400	13 gals per minute	5,31	1,020	12.1	1.0	18.29	39.4
~~1:20~~	500	13 gpm	4,71	0.909	8.2	0,12	16.39	99.7
1:30	600	13 gpm	5,00	0,887	26,7	0,17	16,32	95,9
1:40	700	13 gpm	5,04	0,868	11,9	0,19	16,31	98,6
1:50	800	13 gpm	5,06	0,855	6,5	0,20	16,31	100,6
2:00	900	13 gpm	5,03	0,848	7,4	0,21	16,31	102,6
1500 DRILLERS TANKS ARE FULL, WE RETURN TO THE TRAILERS								

Pumping started at 1300
First Read was at 1345
2nd Read was at 1425

301556

REV 5/01

2nd stage we development

WELL DEVELOPMENT LOG

w/ Grundfos Pump

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DO PROBE NOT WORKING

SVP-03
7th screen interval
(450-455 bgs)

DATE: 10/7/05 SVP #: 03

TIME: PUMP STARTED AT 7am DEPTH OF PUMP: 450-455 7th screen interval

WEATHER CONDITIONS: cloudy, warm 80°F, humid SAMPLERS: Ed Kulkusky

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0815	800	11 gpm	5.78	0.860	10.49	∅	16.46	64
0830	950	↓	5.40	0.833	7.39	∅	16.40	67
0845	1150	↓	5.42	0.801	9.85	∅	16.38	75.4
0900	1300	↓	5.48	0.777	7.16	∅	16.59	79.5
TANKS are Full and Readings After Stabilized								
	Total Purged 975 gallons							

301557

REV 5/01

SVP-04

301558

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/15/05 **SVP #:** 04

TIME: 1151 Start Pump **DEPTH OF PUMP:** 45-50'

WEATHER CONDITIONS: 50's overcast cool **SAMPLERS:** HLB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1155		0.25	6.48	0.415	5.0	1.69	14.95	90.9
1200	50	0.25	6.53	0.416	5.0	1.41	14.96	89.3
1205		0.25	6.53	0.416	5.1	1.42	14.97	89.5
1210	100	0.25	6.53	0.416	5.0	1.41	14.96	89.8
Stage II @ SVP-04 45'-50' screen #1 Complete Total 100 gallons								

301559

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/15/05 SVP #: 04

TIME: 1103 Start DEPTH OF PUMP: 100'-105'

WEATHER CONDITIONS: 50's overcast cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1108	100	0.24	6.23	0.402	5.3	1.31	14.62	-108
1113	200	0.24	6.24	0.405	5.3	1.35	14.60	-96
1118		0.24	6.23	0.402	5.3	1.39	14.55	-13.5
1123		0.24	6.23	0.404	5.3	1.39	14.54	-17.5
1128	350	0.24	6.23	0.404	5.3	1.37	14.52	-17.8
Stage II @ SVP 04 100'-105' Screen # 2 Complete								
Total 385 gallons								

Purge Volume 385 gallons

301560

REV 5/0

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/15/05 **SVP #:** 04

TIME: 1020 Start **DEPTH OF PUMP:** 145-150

WEATHER CONDITIONS: 50's overcast cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sd (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1025	|	0.25	6.30	0.418	5.9	1.40	14.69	-46.0
1030	175	0.25	6.30	0.418	5.9	1.40	14.69	-46.0
1035	|	0.25	6.32	0.414	5.9	1.35	14.69	-54.4
1040	|	0.25	6.32	0.414	5.9	1.34	14.58	-52.3
1045	350	0.25	6.32	0.414	5.9	1.32	14.56	-51.2
Stage II @ SVP-04 145-150' Screen & completed								

Purge Volume ~~323~~ 350 gallons
TMB 11/15/05

301561

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/15/05 SVP #: 04

TIME: 0848 DEPTH OF PUMP: 185-190

WEATHER CONDITIONS: 50's Overcast cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0858		0.26	6.38	0.414	60	1.12	14.55	-200
0908		0.25	6.33	0.418	4.7	1.18	14.45	-11.3
0913	400	0.25	6.33	0.418	4.5	1.12	1446	-11.7
0918	450	0.25	6.32	0.417	4.5	1.12	1445	-11.8
Stage II complete @ 185-190' Screen # 7								

TMB 11/15/05

Purge Volume ~~300~~ 450 gallons

301562

REV 5/0

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/15/05 **SVP #:** 04

TIME: 0745 **DEPTH OF PUMP:** 245'-250'

WEATHER CONDITIONS: 50's overcast cools **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ od ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0755	150	0.31	6.66	0.502	6.0	10.40	14.73	-147.8
0805	|	0.29	6.64	0.473	6.1	1.24	14.61	-129.9
0810	|	0.29	6.64	0.473	6.0	1.32	14.60	-129.3
0815	300	0.29	6.64	0.473	6.0	1.24	14.61	-1299
0820	|	0.29	6.64	0.473	6.0	0.97	14.61	-129.4
0825	|	0.29	6.66	0.473	6.1	0.97	14.66	-129.4
0830	400 TMB 11/15/05	0.29	6.66	0.473	6.1	0.97	14.66	-129.7
0835	~~450~~ 449	0.29	6.66	0.473	6.1	0.98	14.61	-128.4
Stage II @ SVP-04 245'-250' Screen # 6 Completed								

Purge Volume 449 gallons

301563

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/14/05 SVP #: 04 D

TIME: 1410 Start DEPTH OF PUMP: 225-290

WEATHER CONDITIONS: SAMPLERS: MHB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE ~~Sel ppt~~	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1420		0.27	6.49	0.444	6.3	1.19	14.53	-57.3
1430	100 gallons	0.27	6.40	0.445	6.0	1.51	14.80	-37.8
1435		0.27	6.40	0.444	6.0	1.07	14.72	-37.9
1440	200 gallons	0.27	6.40	0.444	6.0	1.07	14.73	-38.0
1445		0.26	6.32	0.431	6.0	0.92	14.65	-2.6
1450		0.26	6.32	0.432	6.0	0.95	14.65	-2.0
1455		0.26	6.32	0.431	6.0	0.95	14.66	-2.1
1500		0.26	6.32	0.431	6.0	0.95	14.67	-2.1
1505		0.26	6.31	0.431	6.0	0.96	14.62	-2.1
1510		0.26	6.31	0.431	6.1	0.97	14.62	-2.1
1515	500 gallons	0.26	6.31	0.431	6.1	0.97	14.61	-2.1
Stage II @ SVP-04 225-290' Screen #5 Completed								

Purge Volume ~~477~~ 500 Gallons
MHB 11/14/05

301564

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/14/05 **SVP #:** 04

TIME: 1108 **DEPTH OF PUMP:** 305'-310'

WEATHER CONDITIONS: 60's sunny cool **SAMPLERS:** THB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Gal ppm	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1208		0.27	6.41	0.438	61	1.84	14.46	-17.5
1218	350 gallons	~~3.50~~ 0.27	6.40	0.438	60	0.94	1445	-18.4
1228		0.27	6.31	0.437	60	0.94	1444	-2.2
1238	500	0.27	6.31	0.437	60	0.94	1443	-2.0
1245	Stop pump for lunch							
1355			6.31	0.438	63	0.97	14.03	-2.1
1400	600 gallons		6.31	0.437	60	0.97	1403	-2.1
Stage II @ SVP-04 305'-310' Screen #4 completed								

Purge Volume ~~563 gallons~~ 600 gallons
THB 11/14/05

301565

REV 5/01

WELL DEVEL PMENT LOG

Stage II

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/14/05 SVP #: 04

TIME: 1000 Start pump DEPTH OF PUMP: 350'-355'

WEATHER CONDITIONS: 60's sunny cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1010	200 gallons	0.28	6.56	0.457	17	0.94	14.51	-89.2
1020		0.28	6.36	0.455	7.8	0.66	14.42	-183
1030		0.28	6.36	0.455	7.0	0.67	14.41	-176
1040	500 gallons	0.28	6.35	0.454	7.0	0.69	1442	-126
1050		0.28	6.32	0.445	7.0	~~0.71~~ 0.30	14.37	287
1055		0.27	6.31	0.442	7.0	0.81	14.35	321
1100		0.27	6.31	0.442	7.0	0.81	14.32	327
Stage II complete @ 350-355' Screen #3 completed								

Purge Volume 624 gallons

301566

REV 5/01

WELL DEVELOPMENT LOG

STAGE II

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/13/05 SVP #: 04

TIME: 0755 Start DEPTH OF PUMP: 400 - 405'

WEATHER CONDITIONS: 60's sunny SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE (sol ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0805		0.36	6.97	0.576	17	2.21	14.28	56
0810		0.36	6.86	0.565	17	0.13	14.24	-134.6
0820		0.36	6.83	0.558	17	0.19	14.25	-136.0
0830	500 gallons	0.30	6.55	0.486	17	0.21	14.33	-951
0840		0.30	6.55	0.486	17	0.21	14.32	-945
0850		0.30	6.51	0.486	17	0.21	14.30	-897
0900	800 gall	0.30	6.51	0.486	17	0.21	14.31	-912
Stage II complete @ 400-405' Screen #2								
		MB 11/13/05						

Purge Vol ~~725~~ gallons
800 gallons

301567

REV 5/01

WELL DEVELOPMENT LOG

Phase II

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/11/05 **SVP #:** 04

TIME: 1310 Start **DEPTH OF PUMP:** 420-425'

WEATHER CONDITIONS: 40's Sunny cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ salinity (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI/ mV (+/- 10 m
1320		0.36	6.75	0.577	32	9.65	13.97	79.1
1330	~~400~~ 300 TMB 11/11/05	0.33	6.66	0.527	31	5.71	13.92	79.0
1340		0.33	6.65	0.527	31	6.69	13.91	78.0
1350		0.33	6.64	0.526	20	6.64	14.03	77.0
1400		0.33	6.58	0.503	19	~~6.59~~ 2.59	13.97	78.0
1410		0.30	6.53	0.472	18	3.43	13.92	81.6
1420	700	0.30	6.52	0.472	17	3.00	13.99	83.0
1425 ~~1435~~		0.29	6.50	0.470	17	2.54	14.02	86.0
1430	900	0.29	6.50	0.469	17	2.50	14.04	86.4
1435	Phase II	complete	@ SVP-04		420-425'		Screen#	

Purge Vol ~~763~~ 900 gallons TMB 11/11/06

REV 5/0

301568

SVP-05

301569

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/30/05 SVP #: 05

TIME: ~~10~~ 1056 DEPTH OF PUMP: 45-50

WEATHER CONDITIONS: partly cloudy 58°F SAMPLERS: M. Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ SAL	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1058		0.44	6.12	~~0.773~~ 0.773	5.4	3.85	17.24	169
~~10~~ 1103		0.46	5.80	0.790	1.4	4.60	17.24	187
1108		0.45	5.68	0.780	0.0	3.70	17.19	191.5
1113		0.44	5.75	0.784	0.0	3.44	17.19	189.7
1118		0.46	~~5.69~~ 5.51	0.788	0.0	3.53	17.19	194.1
1123	200	0.45	5.74	0.789	0.0	3.31	17.18	192.5
	Total 200 gallons							

301570

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/30/05 SVP #: 05

TIME: 1011 DEPTH OF PUMP: 95-100

WEATHER CONDITIONS: partly cloudy 58°FT SAMPLERS: M. Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ sal.	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1016		0.44	6.20	.780	1.9	4.00	17.34	165.5
1021		0.46	5.91	.785	0.0	3.52	17.22	169.7
1026		0.46	5.88	.787	0.0	3.35	17.17	172.5
1031		0.46	5.83	.791	0.0	3.34	17.19	177.1
1036		0.46	5.82	.787	0.0	3.32	17.17	177.8
	240							
	Total 240 gallons							

301571

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/30/05 SVP #: 05

TIME: 0906 DEPTH OF PUMP: 150-155

WEATHER CONDITIONS: overcast 57° F SAMPLERS: M. Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0913		0.45	6.32	0.779	24	2.99	17.38	125.9
0920		0.47	6.09	0.808	8.5	3.85	17.52	147.1
0927		0.46	6.06	0.802	5.2	3.52	17.68	149.0
0934		0.46	6.00	0.805	1.5	3.26	17.67	156.5
0941		0.46	6.00	0.800	0	3.27	17.65	162.4
0946		0.46	5.88	0.798	0	3.26	17.41	168.4
0951		0.46	5.87	0.797	0	3.23	17.25	171.2
0956		0.46	5.87	0.791	0	2.98	17.30	170.8
1001	280	0.46	5.88	0.791	0	3.10	17.27	171.7
		Total 280 gallons						

301572

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/30/05 SVP #: 05

TIME: 0817 DEPTH OF PUMP: 190-195

WEATHER CONDITIONS: overcast 51°F SAMPLERS: M. Reindl

ELAPSED TIME (MIN)	~~VOLUME PURGED (GALS)~~ Sal ppt	~~FLOW RATE~~ gal purged	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0827	0.47	2" 11/30/05	6.39	0.808	2.3	3.21	17.35	117.8
0835	0.47		6.21	0.802	1.8	2.83	17.28	137.7
0843	0.46		6.08	0.797	0.6	2.95	17.18	152.1
0850	0.46		6.02	0.796	0	3.03	17.14	153.9
0853	0.46	320	6.00	0.796	0	3.04	17.11	154.3
		Total 320 gallons						

301573

REV 5/0

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/29/05 **SVP #:** 05

TIME: 1350 Start Pump **DEPTH OF PUMP:** 250'-255'

WEATHER CONDITIONS: 50's overcast cool **SAMPLERS:** HLB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1400		0.41	5.71	0.706	6.0	6.84	16.87	158.7
1410	200	0.41	5.71	0.706	6.1	0.81	16.93	152.4
1420		0.41	5.70	0.706	6.1	0.82	16.93	158.2
1430	500	0.41	5.71	0.706	6.1	0.83	16.90	159.2
1435	Stage II development completed @ SVP-05 250-255'							
	Total		500	gallons				

301574

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

WELL DEVEL PMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/29/05 **SVP #:** 05

TIME: 1245 start pump **DEPTH OF PUMP:** 290-295

WEATHER CONDITIONS: 50° overcast, **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ 5d ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 m
1255		0.42	5.63	0.715	6.0	7.02	16.62	153.2
1305		0.42	5.63	0.712	6.0	6.31	16.62	154.7
1315		0.42	5.63	0.712	6.0	0.54	16.69	154.2
1325		0.42	5.63	0.712	6.0	0.52	16.69	154.2
1335		0.42	5.65	0.712	6.0	0.52	16.60	154.2
		Total	650 gallons					

301575

RF

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/29/05 SVP #: 05

TIME: 1100 Start pump DEPTH OF PUMP: 310 - 315'

WEATHER CONDITIONS: 50's Overcast SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE ~~gal~~ ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1100	1	0.42	5.80	0.713	8.1	8.40	16.77	147.03
1110	300	0.42	5.80	0.713	6.0	5.80	16.75	148.5
1120	1	0.42	5.97	0.713	6.0	3.72	16.75	148.0
1130	1	0.42	5.79	0.713	6.0	0.73	16.72	148.7
1140	1	0.42	5.79	0.712	6.0	0.73	16.71	148.8
1150	1	0.42	5.79	0.712	6.0	0.72	16.71	148.8
1155	Stop pump							
	Total 725 gallons							

301576

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/29/05 **SVP #:** 05

TIME: ~~070~~ 0750 start **DEPTH OF PUMP:** 355 - 360

WEATHER CONDITIONS: 30's windy cool **SAMPLERS:** TK/RB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0800	|	~~0.42~~	5.70	0.715	6.1	7.02	16.68	151.4
0810	|	0.42	5.65	0.712	6.0	5.84	16.65	152.4
0820	300	0.42	5.62	0.713	6.0	6.39	16.62	152.?
0830	|	0.42	5.62	0.714	6.1	0.74	16.62	153.1
0840	|	0.42	5.62	0.712	6.1	0.72	16.61	153.2
0850	600	0.42	5.62	0.712	6.0	0.73	16.62	153.1
0900	|	0.42	5.63	0.712	6.0	0.72	16.62	153.1
0910	900	0.42	5.65	0.712	6.0	0.72	16.62	153.1
0915	Stop pump							
	Total 900 gallons							

301577

REV 5/0

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/16/05 **SVP #:** 05

TIME: 1330 **DEPTH OF PUMP:** 405-410

WEATHER CONDITIONS: 70° overcast cool **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1340		0.25	6.23	0.595	6.0	4.02	16.54	156.4
1350		0.25	6.25	0.595	6.0	3.97	16.52	156.2
1400		0.25	6.26	0.595	6.0	3.98	16.52	156.3
1410		0.25	6.28	0.597	6.0	3.98	16.52	157.2
1420		0.25	6.27	0.598	6.0	3.98	16.53	157.3
1430		0.25	6.27	0.598	6.0	3.98	16.53	157.3
1440		0.25	6.27	0.598	6.0	3.98	16.53	157.3
1445	STAGE II	Development Completed @				SVP-05	405-410'	

Purge 733 gallon

301578

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 11/16/05 SVP #: 05

TIME: 1058 Start pump DEPTH OF PUMP: 430 - 435

WEATHER CONDITIONS: 70's Overcast cool SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW~~ RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTI mV (+/- 10 m
1108		0.25	6.23	0.599	6.0	4.62	16.57	141.1
1118	300	0.25	6.23	0.599	6.0	4.83	16.52	170.9
1128		0.25	6.20	0.597	6.1	4.83	16.46	171.2
1138		0.25	5.99	0.598	6.1	4.82	16.46	171.3
1148	450	0.25	5.99	0.597	6.0	4.00	16.52	172.4
1158		0.25	5.97	0.597	6.1	3.98	16.53	171.3
1208		0.25	6.01	0.598	6.0	3.96	16.54	1
1218		0.25	6.02	0.598	6.0	3.92	16.57	
1228	800	0.25	6.00	0.597	6.0	3.92	16.58	
Stage II Complete SUP-05 430-435								

800 TMB 11/16/05
Purge ~~782~~ gallons

301579

REV 5/0

SVP-06

301580

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/22/05 **SVP #:** 06

TIME: 910 **DEPTH OF PUMP:** 45-50'

WEATHER CONDITIONS: 20's sunny cold **SAMPLERS:** CMD

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE ~~Sc~~ (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0920		0.18	6.21	0.731	12	3.82	16.25	94.7
0930		0.18	5.80	0.780	0	3.87	16.31	94.3
0940		0.18	5.68	0.780	0	3.87	16.21	94.5
950		0.18	5.72	0.784	0	3.41	16.23	95.2
1000		0.18	5.74	0.788	0	3.31	16.23	95.3
	≈ 500 gallon purged							
		Total 500 gallons						

301581

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

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/21/05 SVP #: 06

TIME: 1100 DEPTH OF PUMP: 100-105

WEATHER CONDITIONS: 20. sunny cold SAMPLERS: MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1100		0.18	6.92		30	0.80	14.29	94.2
1110		0.18	6.80		30	0.85	14.30	94.3
1120		0.18	6.81		3.0	0.92	14.21	94.3
1130		0.18	6.82		3.2	1.0	14.23	94.3
1140		0.18	6.80		30	1.01	14.22	94.2
1150		0.18	6.80		3.1	1.0	14.20	94.2
1200		0.18	6.80		3.2	1.2	14.21	94.2
1210		0.18	6.80		3.1	1.2	14.20	94.2
1220	≈ 825 gallons	0.18	6.80		3.1	1.2	14.20	94.2
	~~Total 88~~ MB 12/21/05				~~80~~			
	Total 825 gallons							

301582

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

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/21/05 **SVP #:** 06

TIME: 0800 **DEPTH OF PUMP:** 175-180

WEATHER CONDITIONS: 20's Sunny cold **SAMPLERS:** TNB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE Sal (ppt)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0800		0.18	6.22	0.781	2.4	1.12	14.23	94.2
0810		0.18	6.23	0.781	4.2	1.13	14.23	94.3
0820		0.18	6.23	0.781	4.3	1.12	1420	94.2
0830		0.18	6.21	0.781	4.2	1.12	14.21	94.2
0840		0.18	6.23	0.782	4.3	1.14	14.20	94.2
0850		0.18	6.21	0.784	4.4	1.14	14.21	94.2
0900	~ 900 gallon	0.18	6.23	0.784	4.1	1.14	14.2	94.2
		Total	900 gallon					

301583

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

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/21/05 **SVP #:** 06

TIME: 0930 **DEPTH OF PUMP:** 245-255

WEATHER CONDITIONS: 20's sunny cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0940		0.22	6.80	0.357	2.1	0.37	13.97	18.5
0950		0.21	6.86	0.344	2.0	0.57	14.08	36.5
1000		0.21	6.86	0.340	2.0	0.58	14.13	92.6
1010		0.21	6.86	0.341	2.1	0.57	14.13	91.9
1020		0.21	6.86	0.348	2.0	0.51	14.13	94.5
1030	700	0.21	6.86	0.349	2.0	0.51	14.13	96.0
1035		0.21	6.84	0.341	2.0	0.52	14.12	96.1
1040		0.21	6.85	0.349	2.1	0.52	14.12	97.2
1045		0.21	6.86	0.343	2.1	0.52	14.13	97.3
		Total 815 gallons						

301584

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/20/05 **SVP #:** 06

TIME: 1200 **DEPTH OF PUMP:** 365-370'

WEATHER CONDITIONS: 20's sunny cold **SAMPLERS:** MB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE gal/pm	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1210		0.22	6.86	0.344	2.2	0.52	14.08	362
1220		0.22	6.86	0.341	1.2	0.52	14.07	374
1230		0.22	6.86	0.341	0	0.57	14.07	804
1240		0.22	6.86	0.341	0	0.52	14.08	91.3
1250		0.22	6.86	0.341	2.4	0.55	1408	92.4
1300		0.22	6.86	0.342	2.1	0.61	14.09	932
1310		0.22	6.86	0.341	2.3	0.52	14.07	941
1315		0.22	6.86	0.341	2.2	0.52	14.07	950
		STAGE II Development Complete						
		Total	865	gallons				

301585

REV 5/01

WELL DEVELOPMENT LOG

Pg 1/2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/20/05 SVP #: 06

TIME: 0855 DEPTH OF PUMP: 445-450

WEATHER CONDITIONS: 20's sunny cold SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ .1 ppl	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0900		0.26	8.13	0.373	2.9	1.30	13.62	-34.1
0910		0.26	7.89	0.334	2.7	0.87	13.57	-24.1
0920		0.26	7.68	0.327	2.7	0.82	13.63	-19.6
0930		0.18	6.94	0.282	2.9	0.57	13.01	17.6
0940		0.17	6.80	0.281	2.7	0.56	13.85	31.1
0950		0.17	6.81	0.281	2.7	0.53	13.86	33.2
1000		0.17	6.21	0.287	2.3	0.51	13.81	34.7
1010		0.17	6.53	0.287	2.3	0.52	13.81	35.2
1020		0.17	6.29	0.281	2.3	0.52	13.83	35.9
1025		0.17	6.12	0.281	2.2	0.53	~~13~~ 13.88	35.2
1030		0.17	6.13	0.281	2.4	0.52	13.82	35.7
1035		0.17	6.17	0.283	2.2	0.52	13.81	35.9

301586

REV 5/01

WELL DEVELOPMENT LOG

pg 2 | 2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/20/05 **SVP #:** 06

TIME: 0855 **DEPTH OF PUMP:** 445-450

WEATHER CONDITIONS: 20's Slushy cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1045	↑	0.17	6.12	0.284	2.4	0.51	13.91	35.7
1055	↑	0.17	6.12	0.284	2.4	0.51	13.82	35.2
STAGE II completed @ SVP-06					445-450'			
	Total 900 gallons							

301587

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

SVP-07

301588

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/17/05 **SVP #:** 07

TIME: 1030 **DEPTH OF PUMP:** 45-50'

WEATHER CONDITIONS: 40's Sunny cold **SAMPLERS:** TM/B

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE gal ppl	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1035	↑	0.23	6.04	0.376	3.0	1.03	14.24	142.0
1040	|	0.23	6.04	0.376	3.0	1.03	14.21	143.7
1045	|	0.23	6.03	0.376	3.0	1.02	14.21	142.5
1050	50	0.23	6.05	0.376	3.0	1.03	14.23	143.1
		Total	50	gallons				

301589

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/16/05 **SVP #:** 07

TIME: 1000 **DEPTH OF PUMP:** 100-105

WEATHER CONDITIONS: 40's **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1005		0.23	6.05	0.375	3.2	1.00	14.24	1420
1010		0.23	6.04	0.376	3.1	1.01	14.20	1430
1015		0.23	6.05	0.376	3.0	1.02	14.21	1431
1020	200	0.23	6.05	0.376	3.0	1.01	14.21	1432
		Total 200 gallons						

301590

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/15/05 **SVP #:** 07

TIME: 1345 Start pump **DEPTH OF PUMP:** 205-210

WEATHER CONDITIONS: 30° overcast cold **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1350		0.23	6.05	0.375	3.2	1.54	14.13	197.1
1400		0.23	6.05	0.376	3.1	1.41	14.17	197.6
1410	400	0.23	6.04	0.376	3.0	1.30	14.17	198.0
		Total 400 gallons						

301591

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/15/05 **SVP #:** 07

TIME: 1245 Start pump **DEPTH OF PUMP:** 310-315'

WEATHER CONDITIONS: 30's cold overcast **SAMPLERS:** TL/B

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1255		0.24	6.02	0.394	3.2	1.16	14.78	204.9
1305		0.24	5.67	0.394	3.1	1.56	14.84	243.9
1315		0.24	5.75	0.386	3.0	1.28	14.84	231.1
1325		0.24	5.70	0.386	3.0	1.28	14.77	223.1
1330	600	0.24	5.71	0.386	3.0	1.20	14.76	219.0
		Total 600 gallons						

301592

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/15/05 **SVP #:** 07

TIME: 0910 **DEPTH OF PUMP:** 420-430

WEATHER CONDITIONS: **SAMPLERS:** TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE cal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
0920		0.27	7.05	0.444	4.7	0.64	14.54	46.7
0930		0.27	7.03	0.442	4.3	0.70	14.56	56.8
0940		0.26	6.37	0.420	4.2	0.69	14.65	149.8
0950		0.25	6.34	0.419	4.2	0.69	14.63	153.9
1000		0.25	6.30	0.419	4.2	1.00	14.63	159.1
1010		0.25	6.31	0.419	4.2	1.05	14.59	161.2
1020		0.25	6.30	0.419	4.3	1.02	14.54	166.4
1030		0.25	6.30	0.415	4.3	1.02	14.54	166.2
1040	800	0.25	6.31	0.410	4.3	1.07	14.71	167.2
		Total 800 gallons						

301593

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/14/05 **SVP #:** 07

TIME: 1140 Start pump **DEPTH OF PUMP:** 445-450

WEATHER CONDITIONS: **SAMPLERS:** TKB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1150		0.25	6.18	0.407	6.2	1.20	14.33	157.3
1200		0.24	6.39	0.402	6.2	1.04	14.50	151.3
1210		0.24	6.27	0.397	6.1	1.00	14.54	170.4
1220	500	0.24	6.27	0.397	6.1	1.00	14.54	170.2
1230-1350	ADT	offsite for lunch, pump stopped				~~1.36~~ 1.21	~~1405~~	
1335		0.25	6.29	0.409	6.2	1.00	14.58	161.7
1345		0.25	6.39	0.403	6.2	1.00	14.59	164.2
1355		0.25	6.33	0.402	6.2	1.01	14.58	165.7
1405		Development Complete						
		Total 925 gallons						

301594

REV 5/01

SVP-08

301595

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/20/05 **SVP #:** SVP-08

TIME: 0800 **DEPTH OF PUMP:** 45-50

WEATHER CONDITIONS: 20's sunny cold **SAMPLERS:** HKB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
		Sat (ppt						
0800		0.10	6.82	0.185	3.1	0.98	14.29	-125.7
0810		0.10	6.82	0.185	3.2	0.99	14.31	-123.2
0810		0.10	6.83	0.185	3.2	1.00	14.31	-123.4
0820		0.10	6.82	0.182	3.4	1.01	14.31	-123.5
0830		0.10	6.83	0.183	3.2	0.97	14.31	-123.5
0840		0.10	6.83	0.185	3.2	0.97	14.31	-123.4
		Total Purged 50 gallons						

301596

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

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/19/05 **SVP #:** 08

TIME: 1300 **DEPTH OF PUMP:** 100-105

WEATHER CONDITIONS: 20's sunny cold **SAMPLERS:** TLB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ (GPM)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1310		0.11	7.02	0.193	32	0.99	14.92	-180.3
1320		0.11	7.03	0.194	32	0.97	14.93	-180.1
1330		0.11	7.04	0.192	3.2	1.20	14.92	-180.3
1340		0.11	7.05	0.192	3.2	1.23	14.92	-180.1
1350		0.11	7.03	0.193	3.1	1.24	14.93	-180.2
1400		0.11	7.04	0.193	3.2	1.24	14.92	-180.3
		Total purge 150 gallons						

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

301597

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

17 MWB 12/16/05

DATE: 12/16/05 12/17

SVP #: 08

TIME: 1500

DEPTH OF PUMP: 155-160

WEATHER CONDITIONS: 20° sunny cold

SAMPLERS: MWB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE Gal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1530		0.10	6.85	0.185	0	0.93	14.21	-157.2
1600		0.10	6.85	0.185	0	0.53	14.23	-157.3
1610		0.10	6.85	0.185	0	0.53	14.21	-157.2
1620		0.10	6.85	0.185	0	0.53	14.21	-152.4
1630		0.10	6.84	0.185	0	0.53	14.21	-153.2
1640		0.10	6.83	0.185	0	0.52	14.24	-153.4
		Total Purged			600 gallons			

301598

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

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

TNB 12/17/05

DATE: ~~12/16/05~~ 12/17/05 SVP #: 08

TIME: 1100 DEPTH OF PUMP: 235 - 240'

WEATHER CONDITIONS: 20's sunny cold SAMPLERS: TNB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	FLOW RATE Sel	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIA mV (+/- 10 mv
1130		0.09	6.75	0.153	500	0.57	14.22	-153.2
1200		0.09	6.76	0.153	500	0.57	14.23	-147.9
1210		0.09	6.75	0.153	497	0.57	14.25	-147.4
1220		0.09	6.75	0.154	500	0.57	14.23	-147.2
1230		0.09	6.75	0.153	493	0.57	14.19	-147.2
1240		0.09	6.75	0.153	497	0.57	14.19	-147.2
1250		0.09	6.75	0.153	500	0.57	14.19	-147.3
1300		0.09	6.75	0.153	500	0.57	14.19	-147.2
	Total Volume		875	gallons				

301599

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

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/16/05 SVP #: 08

TIME: 0800 DEPTH OF PUMP: 370 - 375'

WEATHER CONDITIONS: 20's sunny cold SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0810		0.10	6.42	0.167	0	1.19	14.32	-130.2
0820		0.10	6.42	0.167	0	0.52	14.33	-130.3
0830		0.10	6.43	0.167	0	0.53	14.32	-130.3
840		0.10	6.42	0.167	0	0.53	14.32	-130.3
850		0.10	6.42	0.167	0	0.53	14.32	-130.3
0900		0.10	6.42	0.167	0	0.53	14.32	-130.3
0915		0.10	6.42	0.167	0	0.53	14.32	-130.1
0930		0.10	6.42	0.167	0	0.53	14.32	-130.1
0945		0.10	6.43	0.167	0.1	0.53	14.32	-130.1
1000		0.10	6.42	0.167	0.1	0.53	14.32	-130.2
	Total = 900 gallons							

301600

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

REV 5/01

WELL DEVELOPMENT LOG

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 12/15/05 SVP #: 08

TIME: 0800 DEPTH OF PUMP: 435-440'

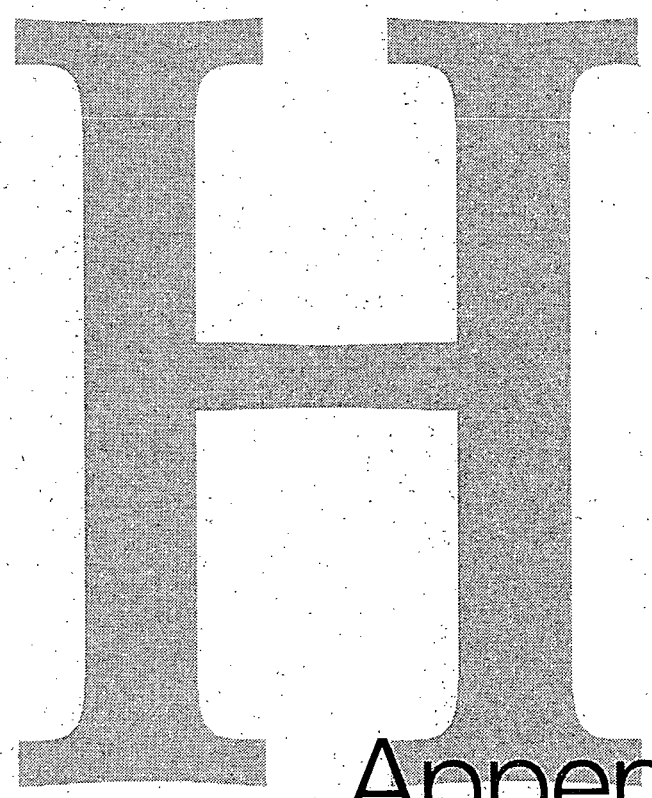
WEATHER CONDITIONS: 20's sunny cold SAMPLERS: TMB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	~~FLOW RATE~~ Sal ppt	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0810		0.10	6.66	0.164	0.5	0.32	14.22	-150.6
0820		0.10	6.63	0.164	0	0.32	14.23	-150.2
0830		0.10	6.66	0.165	0	0.32	14.22	-150.3
0840		0.10	6.66	0.165	0	0.32	14.22	-150.1
0850		0.10	6.66	0.165	0	0.32	14.22	-150.1
		Total 980 gallons						

301601

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

REV 5/01



Appendix H

Appendix H

Monitoring Well Low-Flow Sampling Sheets

- Round 1
- Round 2

301603

Round 1

301604

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-27-06 WELL #: ~~N-8475~~ mw N-8474

TIME: ~~mk 11:00~~ 10:55 DEPTH OF PUMP: ———

WEATHER CONDITIONS: 50°C Sunny Windy (inside) SAMPLERS: mk ! AS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1100					5.74	67	1.6	15.54	12.93	276.9
1105					5.48	63	1.2	1.02	12.47	244.2
1115					5.49	63	1.1	0.25	12.83	248.9
1120	Collected Sample									

301605

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

* Taken in open container : Supply well

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-27-06 WELL #: N-8474 MK 5

TIME: ~~5 MK~~ ~~10:55 MK~~ 11:00 DEPTH OF PUMP: ———

WEATHER CONDITIONS: 50°C Sunny, Windy (inside) SAMPLERS: M.K. & A.S.

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1100					5.37	100	1.4	11.08	12.65	259.2
1105					5.35	99	1.3	7.97	12.57	254.1
1110					5.29	99	1.1	7.46	12.54	249.9
1115	Collected Sample									

301606

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

* Note: taken in open container Supply Well

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-23-06 WELL #: N-9398

TIME: 1600 DEPTH OF PUMP: 21-22 Feet

WEATHER CONDITIONS: 45°C Sunny SAMPLERS: AS & MK

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1616		15.90	400	———	6.13	.223	310	11.26	13.07	130.2
1624		15.85	400	.05 ft.	6.07	.224	27	10.55	13.70	165.0
1629		15.85	400	(0.00) .05	6.09	.226	17	7.23	13.88	177.8
1634		15.85	500	(0.00) .05	6.09	.235	21	3.12	15.76	172.7
1639		15.85	500	(0.00) .05	6.09	.236	12	2.07	15.41	169.8
1644		15.97	600	(0.00) .05	6.08	.227	9.4	1.23	14.07	178.5
1649		15.84	400	(.13) .18	6.09	.229	20	0.14	14.32	182.2
1654		15.84	400	(0.00) .18	6.09	.234	40	-0.02	15.20	180.7
1703 ~~1659~~ MK		15.84	400	(0.00) .18	6.20	.238	40	-0.01	15.93	171.7
1708		15.84	400	(0.00) .18	6.11	.230	50	-0.01	15.84	165.2
1713		15.84	400	(0.00) .18	6.10	.226	10	-0.01	13.68	168.9
1718		16.04	400	(0.00) .18	6.09	.227	3.0	-0.01	13.86	176.3

301607

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

* clear Brown color - ** Flow Rate needed to be high in order for H_2O to come out

REV 5/01

(2)

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-23-06 WELL #: N-9398

TIME: 1720 DEPTH OF PUMP: 21-22ft.

WEATHER CONDITIONS: 40°C Sunny SAMPLERS: AS : MK

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1723		16.04	400	(0.00) 0.18	6.09	.227	2.3	-0.01	13.87	181.7
1728		16.04	400	(0.00) 0.18	6.10	.227	1.8	-0.01	13.88	185.7
1733		16.04	400	(0.00) 0.18	6.10	.228	1.7	-0.01	13.89	186.7
1738		16.04	400	(0.00) 0.18	6.10	.227	1.6	-0.01	13.86	187.9
1740	Taking	Sample								

301608

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

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-24-06 **WELL #:** N-9966

TIME: 1120 **DEPTH OF PUMP:** 50 feet

WEATHER CONDITIONS: 50°C Cloudy **SAMPLERS:** AS & MK

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1132		25.20	200	—	6.97	.062	180	2.92	16.11	-103.3
1137		25.20	200	—	7.12	.061	160	2.17	15.71	-733.5
1142		25.20	200	—	7.11	.060	110	1.79	15.53	-122.0
1147		25.20	400	—	7.05	.060	80	1.50	16.48	-98.9
1152		25.20	400	—	7.02	.061	65	1.32	16.31	-97.7
1157		25.20	400	—	6.99	.060	55	1.15	16.19	-86.0
1202		25.20	400	—	6.94	.060	55	1.02	16.35	-78.1
1207		25.20	400	—	6.91	0.61	50	0.95	16.72	-70.9
1212		25.20	400	—	6.89	0.61	50	0.91	16.83	-71.0
~~1217~~ MK	12	15	TAKE	SAMPLE						

301609

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

Clear brown color

REV 5/01

(1)

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-24-06 WELL #: N-9973

TIME: 1345 DEPTH OF PUMP: 40 feet

WEATHER CONDITIONS: 45°C Cold Cloudy SAMPLERS: AS & MK

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1345		35.90	400	~~AS~~ ~~MK~~	7.29	.224	33	0.13	16.00	-146.8
1350		35.90	400		7.42	.234	21	0.07	16.05	-188.5
1355		35.90	350		7.44	.231	19	0.06	15.55	-203.4
MK ~~1358~~ 1400		35.90	400		7.47	.230	27	0.05	16.32	-213.6
1405		35.90	400		7.46	.238	14	0.04	16.46	-178.9
1410		35.90	400		7.42	.241	12	0.04	16.37	-198.8
1415		35.90	400		7.40	.291	12	0.04	15.56	-200.0
1420		35.90	400		7.30	.237	29	0.02	16.69	-176.9
1425		35.90	400		7.39	.241	23	0.02	16.59	-169.5
1430		35.90	400		7.37	.243	13	0.03	16.53	-196.7
1435		35.90	400		7.43	.235	17	0.02	16.11	-214.7
1440					7.41	.236	11	0.03	16.08	-163.4

301610

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

Clear Brown Yellow Color

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

(2)

DATE: 3-24-06 WELL #: N-9973

TIME: 1445 DEPTH OF PUMP: 40 ft.

WEATHER CONDITIONS: 40°C Cloudy, Drizzle SAMPLERS: AS & MK

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1445		35.90	400	—	7.36	.240	15	0.03	16.25	-193.5
1450		35.75	400	+ .15	7.28	.248	8.1	0.03	15.96	-148.0
1455		35.52	400	+.38	7.17	.253	12	0.03	16.45	-155.6
1500		35.52	400	+.38	7.10	.262	6.1	0.03	16.09	-140.9
1505		35.52	400	+.38	6.96	.283	6.1	0.03	16.51	-118.0
1510		35.52	400	+.38	6.91	.284	6.4	0.03	16.12	-115.3
1515		35.52	400	+.38	6.88	.288	12	0.03	17.59	-109.9
1520		35.52	400	+.38	6.93	.283	5.9	0.02	16.36	-119.1
1525	Take Sample									MK
1525		35.52	400	+.38	6.83	.303	13	0.04	16.50	-102.4
1530		35.52	400	+.38	6.73	.320	8.9	0.03	16.76	-87.6
1535		35.52	400	+.38	6.72	.318	7.1	0.03	16.79	-86.6

301611

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

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

(3)

DATE: 3-24-06 WELL #: N-9973

TIME: 1545 DEPTH OF PUMP: 40 Ft.

WEATHER CONDITIONS: 40°C cloudy SAMPLERS: AS & MK

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1540	1	35.52	400	+.38	6.73	.315	7.2	0.03	16.84	-89.0
1545	1	TAKE		SAMPLE						

301612

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

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-22-06 WELL #: N-10019

TIME: 13:55 DEPTH OF PUMP: 225 feet

WEATHER CONDITIONS: 45°C Sunny SAMPLERS: Mel Koberle Adrian ~~Steinhoff~~ MK

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1355		30.4	350		6.72	.522	30	0.59	15.93	-91.4
1400		30.4	350		6.54	.526	33	0.60	15.16	-68.9
1405		30.4	350		6.41	.424	27	0.68	14.84	-48.5
1410	→ GENERATOR →				FAILED					
1432		30.4	250		6.28	.429	23	2.00	15.48	3.3
1437		30.4	250		6.25	.423	24	1.94	14.93	3.1
1442		30.4	250		6.23	.419	21	1.87	14.64	3.7
1447		30.4	250		6.25	.410	22	1.75	14.45	1.6
1452		30.4	250		6.35	.395	22	1.44	14.33	-13.7
1457		30.4	250		6.38	.389	23	1.18	14.03	-21.0
1502		30.4	250		6.36	.392	20	1.24	14.02	-17.9
1507		30.4	250		6.35	.392	21	1.23	13.95	-16.0

301613

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

* Oil Slick on Top when first purged

→ 15:10 Take Sample

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-23-06 WELL #: N-10020

TIME: 9:40 DEPTH OF PUMP: 187 feet

WEATHER CONDITIONS: 50°C Sunny SAMPLERS: Mel Koberle & Adrian Steinhoff

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC) Ft.	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
945		27.05	200	—	7.30	.670	55	1.82	13.96	-137.7
950		27.05	200	—	7.46	.709	60	0.83	13.52	-173.9
955		27.05	275	—	7.53	.722	50	0.62	13.37	-183.5
1000		27.05	275	—	7.56	.728	40	0.52	13.19	-188.2
1005		27.05	275	—	7.56	.730	32	0.47	13.09	-186.2
1010		27.05	275	—	7.55	.734	28	0.47	13.21	-187.8
1015		27.05	275	—	7.55	.735	29	0.51	13.22	-187.8
1020		27.05	275	—	7.55	.734	27	0.51	13.15	-188.3
1025	Taking Sample									

301614

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

Brown clear color in beginning of purging

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-24-06 WELL #: N-10035

TIME: 920 DEPTH OF PUMP: 50 feet

WEATHER CONDITIONS: 50°C Cloudy SAMPLERS: MK & AS

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
925		24.78	400	—	6.26	.684	28	10.61	13.71	43.2
930		24.78	400	—	6.24	.694	21	8.99	14.49	53.8
935		24.78	300	—	6.20	.695	18	8.05	14.50	64.7
940		24.78	300	—	6.20	.697	15	7.42	14.50	66.0
945		24.78	300	—	6.17	.696	15	6.80	14.60	74.3
950		24.78	300	—	6.15	.698	12	6.25	14.75	83.3
955		24.78	300	—	6.13	.695	10	5.78	14.81	90.2
1000		24.78	300	—	6.14	.694	9.9	5.37	14.90	94.2
1005		24.78	300	—	6.14	.694	8.1	5.29	15.06	96.7
1010		24.78	300	—	6.14	.696	8.5	5.27	15.08	98.7
1015	Taking	Sample								

301615

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

clear redish brown color

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-23-06 WELL #: ~~GWP-12~~ MK GWP-10

TIME: 14:00 DEPTH OF PUMP: ———

WEATHER CONDITIONS: 50°C Sunny (inside) SAMPLERS: As & MK

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1405		—	225		5.20	.293	1.2	4.97	14.14	252.7
1410		—	225		5.19	.299	1.4	4.90	14.12	252.8
1415		—	225		5.17	.297	1.4	4.98	14.14	252.0
1420	Took Sample				MS/MSD					

301616

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

Readings taken in open container * Supply Well

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK

DATE: 3-23-06 WELL #: GWP-11 Dup: GWP-21

TIME: 1315 DEPTH OF PUMP: ——

WEATHER CONDITIONS: 50°C Sunny Note: Inside SAMPLERS: MK AS TB

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1315		—	100	—	5.30	.303	1.9	8.21	15.10	234.0
1320		—	100	—	5.29	.298	1.7	8.24	15.08	237.0
1325		—	100	—	5.32	.300	1.8	8.22	15.06	239.0
1330	Took GWP-11-R1									
1345	Took GWP-21-R1				(Duplicate)					

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

* Sample taken from supply well into open container – Readings taken in container

REV 5/01

301617

Round 2

301618

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/10/2006 WELL #: GWX-8068-R2

SAMPLERS: A-MS DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 80s sunny hot SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GWX-8068-R2 SAMPLE TIME: 15:30 SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 600XL / Horiba U-22 (circle one) Other (specify)_____ — Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
15:30	NA	NA	NA	NA	4.56	0.269	0.26	27.37	318.2	0.22
15:35	"	"	"	"	4.32	0.262	0.21	26.81	444	0.26
15:38	"	"	"	"	4.12	0.259	0.12	26.30	555.8	0.36

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301619

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/10/2006 **WELL #:** GWX - 8474 - R2

SAMPLERS: AMS/DAG **DEPTH OF PUMP INTAKE:** ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: **SCREENED/OPEN BOREHOLE INTERVAL:** ft TIC or ft BGS (circle one)

SAMPLE ID: **SAMPLE TIME:** **SAMPLE FLOW RATE:** ml/minute
CLP ID:

Instrument Type/Model: Complete and/or Circle at right — **YSI Model #**_____ / **Horiba U-22** (circle one) **Other (specify)**_____ — **Instrument:**

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm / or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
13:27					3.80	0.072	3.56	13.42	324	0.49
13:31					3.01	0.072	4.55	13.75	500	0.47
13:35					2.98	0.071	4.20	13.41	569	0.50

301620

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = T[redacted]nner Casing BGS = Below Ground Surface

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/10/2006 WELL #: GWX-8475-R2

SAMPLERS: AMS/DAG DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: SAMPLE TIME: SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model #_____/ Horiba U-22 (circle one) Other (specify)_____ — Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm°/ or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
13:42					3.42	0.101	0.80	13.33	488	0.25
13:45					2.89	0.099	6.59	1326	572	0.26
					2.70	0.098	0.33	1324	6063	0.96

301621

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-12-06 WELL #: 9398

SAMPLERS: MK JC DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 90 F Humid SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GWX-9398-R2 SAMPLE TIME: 1030 SAMPLE FLOW RATE: 300 ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 600 XL / Horiba U-22 (circle one) Other (specify)_____ — Instrument: La motte 202

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN	pH	SPECIFIC CONDUCTIVITY	DISSOLVED OXYGEN	TEMP.	REDOX POTENTIAL	TURBIDITY
		(± 0.3 FT)			(± 0.1 SU)	(± 3%)	(± 10%)	(± 10%)		(± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units: ml/min	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
907		15.9	300	—	5.67	0.313	23.04	19.67	493.3	45
917		16.0	300	.01 ft	5.65	0.307	21.36	20.05	569.4	50
927		16.0	↓	↓	5.58	0.298	19.07	20.98	591.1	29
937		16.0	↓	↓	5.69	0.300	21.45	20.99	585.5	17
951		16.0	↓	↓	5.56	0.286	20.60	24.28	611.2	17
	Recharge low-		Lowered pump and flow							—
1008		16.0	300	.01 ft.	5.11	0.293	23.94	19.60	632.9	39
1018		16.0	300	↓	5.21	0.293	21.45	22.52	658.0	20
1024		16.0	↓	↓	5.23	0.295	22.69	22.22	652.3	30
1029		16.0	↓	↓	5.24	0.294	21.76	22.51	649.9	27
1030										

301622

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top [redacted]r Casing BGS = Below Ground Surface

color: clear yellow brown

OLD ROOSEVELT FIELD GROU[illegible]ATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-11-06 WELL #: 9966

SAMPLERS: MK & J.C. DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GWX-9966-R2 SAMPLE TIME: 1705 SAMPLE FLOW RATE: 300 ml/minute

CLP ID: B3Q48

Instrument Type/Model: Complete and/or Circle at right — YSI Model # (6000 XL) / Horiba U-22 (circle one) Other (specify)_____ Instrument: Lamotte 2020

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units: ml/min	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
~~1335~~ 1335		24.3	300	—	6.32	0.171	9.66	13.98	-24.1	59.0
1545		24.3	300	—	6.37	0.169	1.75	15.25	-66.4	55.4
1555		24.3	300	—	6.32	0.167	0.68	15.68	-75.1	71.0
1605		24.3	300	—	6.02	0.164	0.44	15.71	-63.1	79.2
1615		24.3	300	—	5.98	0.159	0.32	16.69	-48.4	87.1
1625		24.3	300	—	6.09	0.156	0.32	17.9	-48.0	68.0
1635		24.3	300	—	6.33	0.153	0.38	16.50	-81.2	66.4
1645		24.3	300	—	6.25	0.151	0.55	16.07	-69.5	55.3
1655		24.3	300	—	6.38	0.150	0.66	15.96	-71.9	58.3
1700		24.3	300	—	6.35	0.149	0.69	15.96	-72.3	57.4

1705 Taking Sample

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301623

color: Brown

1 of 2

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-12-06 WELL #: 9973

SAMPLERS: MR & JC DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 85°F Humid SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GWX-9973-R2 SAMPLE TIME: 1545 SAMPLE FLOW RATE: 300 ml/minute

CLP ID: B3QY9

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 6000XL / Horiba U-22 (circle one) — Other (specify) _____ — Instrument: Camark 102

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
1318		36.5	300	—	5.25	0.214	5.12	17.06	-128.9	190
1328		36.5	300	—	5.83	0.223	1.64	18.23	-122.8	75
1338		36.5	300	—	6.90	0.231	1.26	18.34	-132.1	65
1348		36.5	300	—	6.93	0.244	1.40	18.49	-135.7	50
1358		36.5	300	—	6.89	0.259	1.65	18.68	-139.9	50
1408		36.5	300	—	6.83	0.264	1.81	18.74	-135.6	50
1418		36.5	300	—	6.84	0.268	1.96	18.54	-139.3	50
1428		36.5	300	—	6.74	0.269	2.00	18.71	-129.0	41.5
1438		36.5	300	—	6.70	0.275	2.14	18.67	-123.5	43.4
1448		36.5	300	—	6.69	0.274	2.18	18.96	-119.5	41.6

301624

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top [redacted]er Casing BGS = Below Ground Surface

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/12/06 WELL #: 9973

SAMPLERS: MR & JL DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 85 Humid SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GWX9973-R SAMPLE TIME: SAMPLE FLOW RATE: 300 ml/minute

CLP ID: B3QY9

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 600XL / Horiba U-22 (circle one) Other (specify)_____ — Instrument:

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
1458		36.5	300	—	6.69	.280	2.19	18.79	-116.8	35.1
1508		36.5	300	—	6.69	.282	2.20	18.75	-114.9	31.4
1518		36.5	300	—	6.71	0.288	2.33	18.81	-112.1	29.9
1528		36.5	300	—	6.68	0.291	2.26	18.67	-110.6	31.1
1538		36.5	300	—	6.68	0.290	2.28	18.92	-111.0	28.7
1542		36.5	300	—	6.68	0.291	2.28	18.75	-112.3	30.9
1545	Tubing	Sample								

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301625

Color: Clear, yellow

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-11-06 WELL #: 10019

SAMPLERS: MKS JC DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 90°F Sunny Too Hot! SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GWX-10019-R2 SAMPLE TIME: SAMPLE FLOW RATE: 375 ml/minute

CLP ID: 202A-0874AB

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 6000XL / Horiba U-22 (circle one) Other (specify)_____ Instrument: La Motte 2020c

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN	pH	SPECIFIC CONDUCTIVITY	DISSOLVED OXYGEN	TEMP.	REDOX POTENTIAL	TURBIDITY
		(± 0.3 FT)			(± 0.1 SU)	(± 3%)	(± 10%)	(± 10%)		(± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units: ml/min	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm / or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
847		32.0	375	—	8.38	0.210	13.14	17.76	328.0	7.20
857		32.0	375	—	8.65	0.280	4.26	17.55	347.0	10.94
907		32.0	375	—	7.98	0.314	2.88	17.72	344.8	11.7
917		32.0	375	—	7.52	0.340	2.82	17.77	~~10~~ 89.5	12.2
927		32.0	375	—	7.01	0.379	3.71	18.04	-65.6	13.2
937		32.0	375	—	6.69	0.397	3.61	17.83	-49.5	13.2
947		32.0	375	—	6.43	0.414	3.46	17.68	-22.1	13.9
957		32.0	375	—	6.28	0.422	3.16	17.66	-4.1	12.1
1007		32.0	375	—	6.10	0.431	2.98	17.59	23.7	11.8
1017		32.0	375	—	5.97	0.436	2.94	17.62	46.5	11.9

301626

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = T[redacted]nner Casing BGS = Below Ground Surface

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/12/06 **WELL #:** 10019

SAMPLERS: MK & SL **DEPTH OF PUMP INTAKE:** ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 90's Sunny Hot **SCREENED/OPEN BOREHOLE INTERVAL:** ft TIC or ft BGS (circle one)

SAMPLE ID: GWOX-10019-SB **SAMPLE TIME:** **SAMPLE FLOW RATE:** ml/minute

CLP ID:

Instrument Type/Model: **YSI Model #**_____/ Horiba U-22 (circle one) **Instrument:**
Complete and/or Circle at right **Other (specify)**_____

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm / or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
1027		32.0	375		5.87	0.440	2.96	17.61	68.4	10.96
1032		32.0	375		5.84	0.441	3.03	17.76	75.9	8.27
1037		32.0	375		5.81	0.442	3.05	17.77	76.9	9.05
1040	Taking Sample									

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301627

Color. Pale, clear Yellow

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-10-06 WELL #: 10020

SAMPLERS: MK & JL DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: Sunny 85°F SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GWX-10020-R2 SAMPLE TIME: 12:50 SAMPLE FLOW RATE: 202A-08 74 MB ml/minute

CLP ID: B3Q43

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 6000XL / Horiba U-22 (circle one) Other (specify)_____ Instrument: La motte

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle one) MK	ft TIC / ft BGS (circle one)	Units: ml/min	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
1140	350	28.2	350	—	6.58	0.446	7.89	16.94	483.0	28
1150	700	28.2	350	—	6.71	0.441	1.07	16.30	376.1	24
1200	1050	28.25	350	—	7.03	0.437	0.55	16.59	324.1	24
1210	1400	28.2	350	—	7.17	0.435	0.40	16.53	303.1	29
1220	1750	28.2	350	—	7.27	0.434	0.33	16.61	263.3	25
1230	2100	28.2	350	—	7.32	0.431	0.22	16.70	254.1	26
1235	2450	28.2	350	—	7.38	0.432	0.21	16.81	234.5	3025
1240	2800	28.2	350	—	7.36	0.431	0.22	16.73	248.3	28
1245	3150	28.2	350	—	7.38	0.430	0.20	16.77	296.6	27
1250	TAKING SAMPLE									

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301628

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7-11-06 WELL #: 10035

SAMPLERS: MR & JC DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: Sunny 85°F SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GWX-10035-R2 SAMPLE TIME: 1415 SAMPLE FLOW RATE: ~~400~~ 300 ml/minute

CLP ID: B3QY4 02A-0874AB

Instrument Type/Model: Complete and/or Circle at right — (YSI Model# 600XL / Horiba U-22 (circle one)) Other (specify)_____ Instrument: La motte 2020

CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units: ml/min	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
1252		25.4	400	—	5.61	0.416	22.32	16.60	276.9	35.1
1302				—	5.37	0.438	16.06	17.30	422.6	34.2
1312				—	5.39	0.526	17.47	17.59	462.6	34.4
1322				—	5.42	0.703	17.46	19.28	524.7	12.9
1332				—	5.38	0.738	21.46	17.55	577.7	7.42
1342				—	5.39	6.761	19.84	17.66	592.4	6.41
1352				—	5.36	0.770	20.05	17.75	612.7	5.23
1402				—	5.37	0.780	20.26	17.79	617.2	4.96
1407				—	5.38	0.785	20.24	17.84	619.6	4.69
1412		25.4	400	—	5.42	0.788	20.21	17.85	619.7	4.63

1415 Taking Sample

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface

301629

OLD ROOSEVELT FIELD GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

7/10/06

WELL #: GMW 10

SAMPLERS: MR & JL

DEPTH OF PUMP INTAKE: ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: 85 Humid

SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GMW-10-R2 **SAMPLE TIME:** 1025

SAMPLE FLOW RATE: ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right				YSI Model #_____/ Horiba U-22 (circle one) Other (specify)_____						Instrument:
CURRENT TIME	**VOLUME PURGED**	**DEPTH TO WATER**	**FLOW RATE**	**DRAWDOWN (± 0.3 FT)**	**pH (± 0.1 SU)**	**SPECIFIC CONDUCTIVITY (± 3%)**	**DISSOLVED OXYGEN (± 10%)**	**TEMP. (± 10%)**	**REDOX POTENTIAL**	**TURBIDITY (± 10%)**
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
10:25	6			~~404.7~~ DG	4.92	0.272	2.97	17.08	~~398~~ ~~438~~ DG	.68

301630

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = T[redacted] Inner Casing BGS = Below Ground Surface

OLD ROOSEVELT FIELD GROU /ATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING PURGE RECORD

DATE: 7/10/06 WELL #: GWP 11

SAMPLERS: MR & JL DEPTH OF PUMP INTAKE: NA ft TIC or ft BGS (circle one)

WEATHER CONDITIONS: SCREENED/OPEN BOREHOLE INTERVAL: ft TIC or ft BGS (circle one)

SAMPLE ID: GWP-11-R2 SAMPLE TIME: 11:05 SAMPLE FLOW RATE: ——— ml/minute

CLP ID:

Instrument Type/Model: Complete and/or Circle at right — YSI Model # 650 MDS / Horiba U-22 (circle one) — Other (specify)_____ — Instrument:

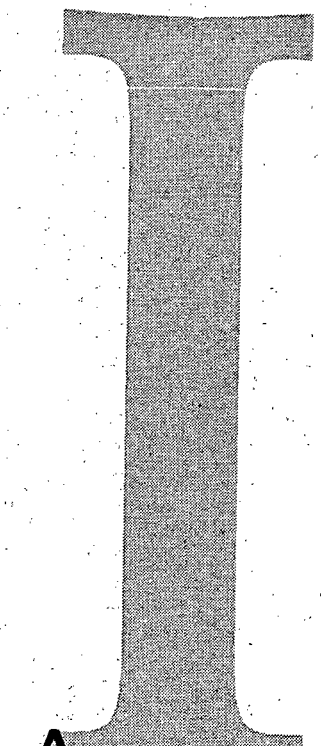
CURRENT TIME	VOLUME PURGED	DEPTH TO WATER	FLOW RATE	DRAWDOWN (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC CONDUCTIVITY (± 3%)	DISSOLVED OXYGEN (± 10%)	TEMP. (± 10%)	REDOX POTENTIAL	TURBIDITY (± 10%)
24-Hour	gallons / liters (circle	ft TIC / ft BGS (circle one)	Units:	ft TIC / ft BGS (circle one)	SU	S/cm, mS/cm or µS/cm (circle one)	mg/L (not %)	Units: °C	mV	NTUs
11:09					3.95	0.232	1.05	16.08	467	.70
11:14					3.95	0.235	~~10.9~~ 10.96	1682	547	.50
11:17					3.96	0.230	0.60	16.19	520	.30
										.55

301631

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

Typical values: DO = 0.3 - 10 mg/L Redox Potential = -100 - +600 mV Turbidity = 0 - >500 NTUs
Spec. Conductivity (µS/cm) = 0.01 - 5,000; up to 10,000 in industrial, ~55,000 in high salt content water. Note: 1,000 µS/cm = 1 mS/cm

TIC = Top of Inner Casing BGS = Below Ground Surface



Appendix I

Appendix I

Cultural Resources Survey

301633

Stage IA Cultural Resources Survey

Old Roosevelt Field Contaminated Groundwater Site

Village of Garden City
Town of Hempstead
Nassau County, New York

prepared for

CDM FEDERAL PROGRAMS CORPORATION
Chantilly, Virginia

submitted by

JOHN MILNER ASSOCIATES, INC.
Croton-on-Hudson, New York

May 2005

301634

STAGE 1A CULTURAL RESOURCES SURVEY
OLD ROOSEVELT FIELD CONTAMINATED GROUNDWATER SITE
VILLAGE OF GARDEN CITY
TOWN OF HEMPSTEAD
NASSAU COUNTY, NEW YORK

Prepared for

CDM Federal Programs Corporation
14420 Albemarle Point Place
Suite 210
Chantilly, VA 20151

by

Timothy C. Lloyd, Ph.D., RPA

John Milner Associates, Inc.
1 Croton Point Avenue
Suite B
Croton-on-Hudson, New York 10520

May 2005

301635

MANAGEMENT SUMMARY

John Milner Associates, Inc. (JMA) has completed a Stage 1A cultural resources survey of the Old Roosevelt Field Contaminated Groundwater Site (the Site) in the Village of Garden City, Town of Hempstead, Nassau County, New York. The Stage 1A survey was conducted on behalf of the CDM Federal Programs Corporation (CDM). CDM is conducting a remedial investigation/feasibility study of the Site for the United States Environmental Protection Agency (USEPA) Response Action Contract (RAC II) Program. This report has been prepared to assist the USEPA in fulfilling their obligation under Section 106 of the National Historic Preservation Act.

The Site, as defined by CDM, consists of two areas: the Source Area and the Down Gradient Area. The Source Area encompasses approximately 214 acres, and consists of a large retail shopping mall (Roosevelt Field Shopping Center) with a number of office buildings (Garden City Plaza) on the perimeter. The Village of Garden City water supply well numbers 10 and 11, two recharge basins, and Hazelhurst Park are within the Source Area, near the southwest corner. The Down Gradient Area encompasses approximately 160 acres, and it is residential neighbourhood. Background research, including documentation of previously recorded archaeological sites and properties listed on the State and/or National Register of Historic Places, was conducted within a two-mile radius of the Site.

Significant prior ground disturbance can be anticipated for the entire Down Gradient Area and the majority of Source Area. JMA does not recommend any additional cultural resources work associated with remediation activities that may occur in these portions of the Site. Small portions of the Source Area, along the western edge and at the southwester corner, are presently undeveloped. Remnants of the historic Long Island Motor Parkway are present within this portion of the Source Area. Background research and the site visit conducted by JMA indicated that the undeveloped portions of the Source Area should be considered sensitive for archeological resources. If remediation activities involving ground disturbance are necessary within the undeveloped portions of the Source Area, JMA recommends that a Stage 1B cultural resources survey be conducted prior to the remediation activities. If remediation activities are necessary in the vicinity of the remnants of the Long Island Motor Parkway, JMA recommends that Phase II analysis be conducted in order to determine if this portion of the Parkway is eligible for the State and National Register of Historic Places.

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Appendix A: Properties within the Village of Garden City that are Listed on the State and/or National Register of Historic Places and/or in the OPRHP Building-Structure Inventory

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Figure 1. Map of Nassau County showing the general location of the Old Roosevelt Field Contaminated Groundwater Site.

Figure 2. Detail of the *Freeport* (1994), *Lynbrook* (1969), *Sea Cliff* (1968, revised 1979), and *Hicksville* (1967, revised 1979) USGS 7.5-minute quadrangles showing the location of the Old Roosevelt Field Contaminated Groundwater Site.

Figure 3. Detail of a 2000 digital orthoimage of the Source Area showing photographic angles for plates, archaeologically sensitive areas and the location of remnants of the Long Island Motor Parkway.

Figure 4. Detail of a 2000 digital orthoimage of the Down Gradient Area showing photographic angles for plates.

Figure 5. Drawing of Roosevelt Field as it appeared ca. 1935 (from Stoff and Camp 1992), with the Source Area outlined.

Figure 6. Detail of an anonymous 1837 map of the Village of Hempstead showing the approximate location of the Source Area and Down Gradient Area.

Figure 7. Detail of the 1873 Beers *Atlas of Long Island* showing the location of the Source Area and the Down Gradient Area.

Figure 8. Detail of the 1906 Hyde *Map of Long Island* showing the location of the Source Area and the Down Gradient Area.

Figure 9. Detail of a 2000 digital orthoimage of the Source Area showing the location of remnants of the Long Island Motor Parkway, as well as the estimated location of the Garden City Toll Lodge.

LIST OF PLATES

Plate 1. Roosevelt Field Shopping Center (Source Area), view to east.

Plate 2. Village of Garden City water supply wells (Source Area), view to southeast.

Plate 3. Locust Street (Down Gradient Area), view east from Clinton Avenue.

Plate 4. Poplar Street (Down Gradient Area), view west from Tremont Street.

Plate 5. Garden City Toll Lodge (Long Island Motor Parkway), which was relocated to 7th Avenue and houses the Garden City Chamber of Commerce.

Plate 6. Undeveloped northwest portion of the Source Area, view to west.

Plate 7. Undeveloped southwest portion of the Source Area, view to east.

Plate 8. Undeveloped southwest portion of the Source Area, view to east.

Plate 9. Remnant of the roadbed and guard rail of the Long Island Motor Parkway in the Source Area, view to southeast.

Plate 10. Cement guard rail post from the Long Island Motor Parkway (Source Area), view to north.

1.0 INTRODUCTION

1.1 PURPOSE AND GOALS OF THE INVESTIGATION

John Milner Associates, Inc. (JMA) conducted a Stage 1A cultural resources survey of the Old Roosevelt Filed Contaminated Groundwater Site (the Site) in the Village of Garden City, Town of Hempstead, Nassau County, New York. The Stage 1A investigation was conducted on behalf of CDM Federal Programs Corporation (CDM). CDM is performing a remedial investigation/feasibility study of the Site on behalf of the United States Environmental Protection Agency (USEPA) as part of the Response Action Contract (RAC II) Program (EPA Contract No. 68-W98-210). CDM defined the limits of the Site. The information and recommendations contained in this report are intended to assist the USEPA in complying with their obligation under Section 106 of the National Historic Preservation Act and the implementing regulations of the Advisory Council on Historic Preservation (36 CFR 800).

The purpose of the Stage 1A investigation is to identify previously recorded archaeological or historic sites that may be affected by remediation activities. The Stage 1A survey also evaluates the potential for there to be previously unrecorded archaeological or historic resources within the area that will be potentially affected by the undertaking. The information contained in this report is intended to help assess what effects remediation activities at the Site will have on archeological or historic resources. All research and report preparation were conducted in accordance with Section 2.4 of the January 1988 CERCLA/SARA Environmental Review Manual, and the New York Archaeological Council's *Standards for Cultural Resources Investigations and the Curation of Archaeological Collections* (NYAC 1994), recommended for use by the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP).

1.2 PROJECT LOCATION AND DESCRIPTION

The Site is an area of groundwater contamination located on Long Island in the central portion of Nassau County (Figure 1). The Site, as defined by CDM, consists of two areas: the Source Area and the Down Gradient Area (Figure 2). The Source Area is located along the eastern boundary of the Village of Garden City, Town of Hempstead, while the Down Gradient Area is located in the southeast corner of the Village of Garden City.

The Source Area encompasses approximately 214 acres (Figure 3). It is bounded on the north by Old Country Road, on the west by Clinton Road, on the east by the Meadowbrook State Parkway, and on the south by Stewart Avenue and the Stewart Avenue School. The Source Area consists of a large retail shopping mall (Roosevelt Field Shopping Center) with a number of restaurants and a movie theater (Plate 1), and a number of office buildings (Garden City Plaza) are on the perimeter, sharing parking space with the shopping mall. The Village of Garden City water supply well numbers 10 and 11 (Plate 2), two recharge basins (Pembrook Basin and Nassau County Storm Water Basin No. 124), and Hazelhurst Park are within the Source Area, near the southwest corner.

The Down Gradient Area is triangular in outline and encompasses approximately 160 acres (Figure 4). It is bounded in the west by Washington Avenue, on the east by Grove Park, and on the south by Battery Park. The Down Gradient Area is a residential neighbourhood (Plates 3 and 4).

The Source Area occupies the eastern portion of what was once Roosevelt Field. The original airfield was known as the Hempstead Plains Aerodrome and encompassed approximately 1,000 acres east of Clinton Road and South of Old Country Road. When the airfield officially opened in 1912, there were five cement and thirty wooden hangars along Old Country Road, and four grandstands along Clinton Road. During its first three years, activities at the airfield included aircraft manufacture, civilian flight training, equipment testing, and aerial stunt shows.

The U.S. military began using the Hempstead Plains airfield prior to World War I. The New York National Guard First Aero Company began training at the airfield in 1915, and the following year the U.S. Army began training both Army and Navy officers. When the U.S. entered the war in 1917, the airfield was taken over as a training center for military pilots and renamed Hazelhurst Field. The Army removed the grandstands, built barracks along Clinton Road, and built larger hangars along Old Country Road. In 1918 the Army changed the name to Roosevelt Field in honor of Quentin Roosevelt, a son of Theodore Roosevelt who had trained there and had been killed during the war. Roosevelt Field was used throughout the war to train aviators.

After the war, the U.S. Air Service authorized aviation-related companies to operate from Roosevelt Field, but maintained control until 1920, at which time the government relinquished control of the field. The property owners sold portions along the southern edge of the field and split the remainder of the property into two flying fields with an incline between them. The eastern half, with sod runways and only two hangars, continued as Roosevelt Field. The western half, which had many hangars, flying schools, and aviation maintenance shops, became known as Curtiss Field.

By 1929 the eastern field (Roosevelt) had served as the starting point or terminus of many notable flights, including Lindbergh's takeoff for his historic trans-Atlantic flight in 1927. The western filed (Curtiss) was used for flying circuses, a flying school, aircraft sales and service, and flight tests. Both fields were bought in 1929 by Roosevelt Field, Inc., and the entire property was once again called Roosevelt Field. Improvement to the field included several large steel and concrete buildings for hangars, shops, and office space along Old Country Road. By November 1929 there were numerous aviation-related businesses operating in the hangars and other buildings surrounding the western field. By 1932 there were paved runways and 50 buildings, making Roosevelt Field the country's largest and busiest civil airfield. While the western field developed into a large aviation center that continued to operate throughout the 1930s, the eastern field remained unpaved, with few buildings, until it was leased in 1935 and became a racetrack. A drawing of the Field ca. 1935 is shown in Figure 5.

Roosevelt Field was used by the Army and Navy during World War II. In 1939 the Army Air Corps contracted Roosevelt Field, Inc., to provide airplane and engine mechanics training to Army personnel. At the beginning of 1942, after the U.S. had entered the war, civilian flying and private hangar rental had ceased at Roosevelt Field due to a ban of private flying in defense areas.

As of March 1942, there were six steel and concrete hangars, 14 wooden hangars, and several other buildings at Roosevelt Field. The Army training school was concentrated in the buildings along Clinton Road.

The Navy also used Roosevelt Field during World War II. In 1942 the Navy Bureau of Aeronautics established a modification center at Roosevelt Field to install British equipment into U.S. aircraft. The Navy leased five steel/concrete hangars along Old Country Road and built a barracks, a mess hall, and a sick bay. By October 1943, the Navy had built wooden buildings

between four of the hangars, and had leased six additional hangars. The Navy vacated all but six hangars shortly after the war ended, and removed their temporary buildings by the time their lease expired on June 30, 1946. Restoration of buildings and grounds was completed by August 1946, and Roosevelt Field operated as a commercial airport until it closed in May of 1951.

Soon after the airfield closed, industrial plants for precision electronic instruments were under construction at Roosevelt Field and further development was planned. The large Roosevelt Field Shopping Center was constructed at the site and opened in 1957. The western end of Roosevelt Field is currently the site of the shopping mall and an office building complex and is surrounded by commercial areas and light industry. Three of the old Navy hangars remained standing until some time after June 1971.

It is possible that chlorinated solvents were used at Roosevelt Field during and after World War II. Chlorinated solvents such as PCE and TCE have been widely used for aircraft manufacturing, maintenance, and repair operations since about the 1940s. By May 1938, the Bureau of Aeronautics had a specification covering TCE and had approved at least one company to supply TCE. The finish specifications for at least one type of plane that the Navy modified at Roosevelt Field (eight of which were on site in April 1943) calls for aluminum alloy to be cleaned with TCE. An aircraft overhaul manual issued in January 1945 specified TCE as a degreasing agent. A book written in 1992 stated that for the previous half-century the U.S. military, particularly the Air Force, had indiscriminately poured solvents, including TCE, into the groundwater at virtually all of their bases. Standard maintenance at almost every Air Force base involved spraying planes liberally with solvents to clean and deice them.

The Village of Garden City water supply wells 10 and 11 were installed in 1952, at what had been the southwest corner of the airfield, and were put into service in 1953. Both wells have shown the presence of PCE and TCE since they were first sampled in the late 1970s and early 1980s, and concentrations have increased significantly since then. In 1987 an air-stripping treatment system was installed at the site to remove VOCs from the water supplied by wells 10 and 11. Sampling results of treated water from May 1993, September 1995, and June/July 1999 indicated that breakthrough of the treatment system had occurred.

2.0 ENVIRONMENTAL AND CULTURAL CONTEXTS

2.1 ENVIRONMENTAL CONTEXT

The Old Roosevelt Field Contaminated Groundwater Site is located within the Atlantic Coastal Plain physiographic province, an area of Cretaceous sedimentary bedrock overlaid by sediments carried from the eroding Appalachian Highlands during the Late Cretaceous Period (USDA 1987). The Raritan and Magothy formations, consisting of sand, silt, and clay, form the foundation of Long Island; the Raritan formation is below sea level while the Magothy is at the surface along the north shore of Long Island (USDA 1987). This area was lifted above sea level in the Tertiary Period, during which the valley now occupied by Long Island Sound was cut by a major river system. Erosion of the Cretaceous sediments and the effects of the riverine system formed valleys which are now the north shore bays.

Most of the sediments that comprise Long Island consist of Pleistocene glacial till, ground moraine, and outwash (Roberts-Dolgin 1989). During the Wisconsin glaciation, ice sheets advanced on Long Island to the Ronkonkoma terminal moraine. Later in the Wisconsin period the ice receded to the Harbor Hill terminal moraine along the north shore, but also extended over the Ronkonkoma moraine to a position near Staten Island. The result of these glacial movements was the formation of a wide band of irregular topography along the northern half of Nassau County, while in Suffolk County the moraine deposits created two distinct landforms separated by a flat plain. Also during the Wisconsin advance, sea level fell 350 ft. below current elevation, exposing the broad flat coastal plain that characterizes much of the eastern seaboard of the northeastern United States. Crosscutting by numerous deep glacial streams formed a humid continental climate with vegetation typical of the Temperate Deciduous Forest Biome. The Wisconsin period ended about 11,000 years B.P., and the present period, the Holocene, began. During the early Holocene the ice sheets receded to their present position and sea level again reached its present elevation.

Nassau County is characterized by an undulating landscape in its northern part that gives way to a flat plain with a southward tilt in the southern section of the county. Extensive tidal areas and marshes comprise the area south of the plain, and barrier islands form the southern boundary of the region. Elevations range from sea level to 340 ft. above sea level along the eastern edge of the county (USDA 1987), with the steepest relief along drainage channels and side slopes adjacent to the north shore bays. An outwash plain south of the terminal moraine slopes gradually to the south for 10 mi. from Hicksville and reaches sea level at the tidal marshlands. Elevations within the Old Roosevelt Field contaminated Groundwater Source Area range between 60 feet above mean sea level (amsl) near the southwest corner to 100 feet amsl near the center of the parcel. Elevations within the Down Gradient Area range between 55 and 75 feet amsl (USGS 1994).

The Old Roosevelt Field Contaminated Groundwater Site is located within what was once known as the Hempstead Plains. The Hempstead Plains was the only naturally occurring prairie east of the Appalachian Mountain Range, and consisted of a treeless landscape covered with short sedge and beard grasses forming a dense sod. A unique ecosystem, the Plains supported a vast array of plant life, birds, and other fauna, many of which have gone extinct over the last 300 years. The prairie covered an area of approximately 60,000 acres, or 64 square miles, extending from Queens to Farmingdale (Neidich-Ryder 1988a, 1988b). The Hempstead Plains was used as a common pasture by the early white settlers, and remained relatively undeveloped through the late-nineteenth century. The Plains has since been almost completely destroyed by rapid urbanization and intense commercial and residential construction. A small 19-acre remnant of the

Plains is owned by Nassau County and Nassau Community College, is managed by the Long Island Chapter of the Nature Conservancy, and is located approximately one mile east of the Down Gradient Area.

The Nassau County area is drained by several perennial streams, most of which carry runoff to the Atlantic estuaries along the south shore. The stream closest to the project area is East Meadow Brook, located approximately 1.4 miles east of the Site. It flows south into the East Bay.

The soils within the Source Area and the Down Gradient Area are characterized as Urban land and Urban land-Hempstead complex, nearly level to gently sloping, impervious to well-drained series of soils found on plains and low hills (USDA 1987). The Urban land and Urban land-Hempstead complex represent areas where 75 to 85 percent of the surface is covered with impervious building materials (USDA 1987). Slopes are nearly flat to very gently sloping, and much of these areas have been subject to cuts, grading, soil relocation, and filling associated with major highway construction and intense commercial and residential development.

Urban land consists of buildings, roads, parking lots, and other artificial features. It includes 85 percent urban land and 15 percent minor soils, and contains fill of various sorts. Very few undisturbed areas are present within this complex. The Urban land-Hempstead complex includes urban areas and very deep, well drained soils. It consists of 75 percent urban land, 20 percent Hempstead soils, and 5 percent minor soils. Soils in the Hempstead Series consist of silt loam overlaying a substratum of well sorted sands and granitic gravels. The solum ranges from 20 to 40 in. with rock fragment contents between 0 and 5 percent in the A and B horizons and from 25 to 65 percent in the lower B and C horizons. The water table is typically at a depth of more than 6 ft., with a root zone of 40 in. or more. The substratum is a poor effluent filter, so pollution is hazardous to groundwater supplies. Subsoil is typically found at 15 to 29 in. below the surface, and the substratum is usually at 33 to 60 in. or more. Bedrock is located several hundred feet below the ground surface.

2.2 PREHISTORIC PERIOD CULTURAL CONTEXTS

Numerous successive Native American cultural traditions have been identified throughout the eastern United States, each of which varied in response to local environmental and social conditions. Three major cultural periods have been defined for the prehistoric occupation of the eastern seaboard: Paleo-Indian, Archaic, and Woodland. These periods span a temporal range of more than 13,000 years, and are characterized by particular artifact assemblages and settlement patterns.

As a result of intensive urban development and shoreline alteration since the mid-nineteenth century, remaining traces of prehistoric inhabitants of western Long Island are few. To reconstruct the culture history of the area, information from the few remaining collections from destroyed sites (e.g. Ryders Pond near Sheepshead Bay, Brooklyn; Lopez and Wisniewski 1971) and from the better preserved archeological record of eastern Long Island has been reviewed.

The Paleo-Indian Period (10,000 to 8,000 B.C.) was characterized by the arrival of small migratory bands after the recession of the Wisconsin glacier. Paleo-Indians are characterized as hunters and gatherers who practiced a diverse subsistence strategy that included gathering of vegetal foodstuffs, and trapping and hunting of small game and the occasional large mammal, such as bison (Gardner 1974; Gramly 1985). Artifacts diagnostic of this period are uncommon throughout the east in general, and habitation sites are rare. The fact that these people were

probably nomadic hunter-gatherers, most likely organized into tightly knit yet fluid band structures, contributes to the low artifact/site density. Paleo-Indian settlements have been located in a variety of settings, including high-order stream floodplains and terraces. Quarry-related areas and base camps represent the predominant types of Paleo-Indian sites. A few sites, such as Port Mobil on the west shore of southern Staten Island, have been identified in the Northeast. However, Paleo-Indian remains often consist of a solitary fluted projectile point finds (Ritchie 1980:3). At least two Paleo-Indian points have been found in Nassau County (Saxon 1973), approximately seven miles southeast of the Site. No Paleo-Indian habitation sites have been identified on Long Island.

Long Island's terminal moraine marks the farthest southern extent of the Wisconsin ice sheet, which occurred about 20,000 years ago. By 12,000 BC the ice sheet had receded northward. When Paleo-Indians first entered the region Long Island was still attached to the mainland and the Sound was then a lake or river valley. Centuries later, it was flooded by rising post-glacial seas. Subsequent sea-level rise has drowned coastal prehistoric sites, and has changed the topographic settings of other near-coastal sites (Salwen 1965).

Despite climatic amelioration in the wake of glacial retreat, human occupation remained very low during the Early Archaic (8,000 to 6,000 BC). Diagnostic point types such as Palmer and Kirk are virtually unknown on Long Island, but a few Kirk points were found at Ward's Point on Staten Island (Funk 1978). Bifurcate-base dart points, dating from 6,500-5,500 BC, do occur in very small numbers on Long Island, but no campsites of that age have been discovered. Diagnostic types of the Middle Archaic (6,000-4,000 BC), such as Neville, Stark, and Otter Creek, are also rare. By 6,000 BC marine transgression had created the Sound.

Late Archaic (4,000 to 1,500 BC) adaptations display a marked increase in sedentism, larger and more permanent settlements, economic diversification, and overall cultural elaboration (Griffin 1967; Wyatt 1977). Sites are situated on tidal inlets, bays and fresh-water ponds in coastal New York (Ritchie 1980:143). Tool assemblages were more diverse than during the Paleo-Indian Period and include plant-processing equipment such as grinding stones, mortars and pestles. The band-territorial settlement pattern begun during the Paleo-Indian Period may have continued in some areas, but ceased to be based on unrestricted wandering in search of big game. Rather, more restricted movements were predicated on seasonal exploitation of resources within a more-or-less circumscribed band or tribal territory. Typical Late Archaic subsistence-settlement systems involved spring fishing activities, particularly in areas where spring spawning species were available. Where present, shellfish could be taken at various times of the year. Floral resources were the subsistence foci during the summer and fall, with the harvesting of nuts predominating in the latter. Migratory waterfowl were another fall resource. Game animals were exploited the year round, but particularly during the winter months when other kinds of food resources were rare or absent. Site types and settlement patterns were geared toward the seasonal round and were structured by the nature of the population's seasonal movements. Base settlements in strategic locations, with ancillary or seasonal task-specific camp sites in proximity to particular resources, are a common Late Archaic pattern.

During the Late Archaic Period on Long Island, some points attributable to the Brewerton or Laurentian complex are present, but the predominant local culture was the Narrow Point tradition. The small stemmed points of this culture are named after the Wading River site in eastern Long Island (Ritchie 1980). Although made of quartz derived from local cobbles, rather than chert, they otherwise resemble the Lamoka points of central New York (Gramley 1977). Some uncertainty exists regarding settlement patterns. Some have suggested that Long Island was used only

seasonally by mainland groups, but Gwynne (1979), citing evidence from Mt. Sinai Harbor, argues for year-round occupation.

The Terminal Archaic or Transitional Period (1,500 to 700 B.C.) occurred between the Archaic and Woodland Periods and was characterized by the use of soapstone vessels and the Orient Fishtail projectile point on Long Island. The Orient Phase was originally described after the excavation of four burial sites on eastern Long Island (Jamesport, Sugar Loaf Hill, Orient No.1, and Orient No.2), all situated at the summit of the highest hills in the area. These burial sites are characterized by individual graves or mass burial pits into which were placed red ochre (ground hematite), "killed" steatite (soapstone) pots and various objects used for hunting, cooking and kindling fire. The Orient Fishtail projectile point is distributed over a larger area than the burial sites and was recovered at the Stony Brook site, the Baxter site, and throughout Long Island to the lower Hudson valley and New England (Ritchie 1980:167 -178).

Settlement and subsistence patterns during the Transitional Period show certain continuities with the preceding Late Archaic: a general hunter-gatherer system based on a seasonally scheduled resource procurement round. However, many Transitional sites evidence distinct riverine orientations, suggesting a greater reliance on aquatic resources and/or greater emphasis on watercourses for transportation and communication (Witthoft 1953; Ritchie 1980). It is believed that the existing trend toward greater sedentism in settlement and the establishment of societal territories continued throughout the Terminal Archaic Period.

The Woodland Period (700 B.C. to European Contact) is often distinguished from earlier prehistoric periods by significant changes in technology (notably the widespread production and use of ceramics), more intensive subsistence practices (often including the use of domesticated plants), increasing trends towards sedentism and larger settlements, and changes in social organization (Ritchie 1980:179-180; Versaggi 1999). Woodland period sites are distinguished from earlier periods by the appearance of fired clay ceramic vessels in the archeological record.

During the Early Woodland Period (700 B.C. to A.D. 0), Native American groups continued the hunting, gathering, and fishing practices of the Terminal Archaic, supplemented by an increase in shellfish collecting as evidenced by large shell middens located on sites near the coast or estuaries (Funk 1976; Snow 1980:283; Versaggi 1999). Rossville projectile points are diagnostic artifacts for Early Woodland occupations in the region, and are usually recovered in association with coastal shell middens. Vinette I pottery, a thick grit-tempered ware decorated on interior and exterior surfaces with impressed cordage or fabrics, represents one of the earliest ceramic traditions in the region (Ritchie 1980:194; Tuck 1978). Evidence of Early Woodland occupations have been recovered from Ryders Pond, Rye Marshlands (Rutsch 1970), and at the Oakland Lake site in Bayside, Queens (Kaeser 1974).

Diagnostic artifacts from the Middle Woodland Period (A.D. 0 to 900) include Fox Creek stemmed and lanceolate projectile points, Jack's Reef points, and a variety of decorated pottery styles (Funk 1976; Kostiw 1995; Ritchie 1971; Snow 1980:276). At sites in coastal New York, Fox Creek points are associated with North Beach Net-Marked and Abbott Zoned Net-Impressed and Incised ceramics. Evidence of Middle Woodland occupations have been recovered at Ryders Pond and Oakland Lake.

The Late Woodland Period (A.D. 900 to European Contact) represents the culmination of the economic and social trends of the preceding periods. Sedentary lifestyles with corn, bean, and squash agriculture were common throughout the East. Triangular arrow-points of the Levanna

and Madison types are diagnostic of the Late Woodland. The prevalence of these points in regional collections suggests that a population explosion occurred in the Late Woodland. Two successive Late Woodland phases in western Long Island were defined by Smith (1950): Bowmans Brook and Clasons Point. One of the sites contributing to the definition of Bowmans Brook was Grantville B, located in northern Queens. Villages of this culture were typically situated on tidal streams or coves. The type-site, on the northwestern shore of Staten Island, contained 50 to 100 storage pits. Shellfish were an important component of the diet. Three styles characterize Bowmans Brook pottery: stamped (on the exterior, with cord-wrapped stick); incised, with broad lines forming triangular or rectangular plats or herringbone patterns; and cord marked, without decoration. The Clasons Point Phase appears to have developed *ca.* 1300 by local stylistic evolution from Bowmans Brook, but with some external influences as well. Finds of European trade items at some sites suggest that this culture persisted into the Contact Period. Its two characteristic ceramic types are the cord-decorated Van Cortland Stamped (resembling Owasco Corded Collar of central New York) and Eastern Incised (similar to the early Iroquois types, Chance and Deowongo Incised)(Ritchie 1980).

2.3 HISTORIC-PERIOD CULTURAL CONTEXTS

At the time of significant European contact in the early-seventeenth century, Long Island was inhabited by Algonquian-speaking descendants of the Late Woodland Clasons Point culture. The Site is located within the territory of the Massapequa. Their linguistic affiliation is unclear; they spoke either a Munsee dialect, or a language ancestral to eighteenth century Unquachog and more closely related to those of the southern New England Algonquians than to Munsee (Goddard 1978; Salwen 1978).

By 1640, the Dutch had purchased much of Long Island from the indigenous Indians. The first permanent European settlement on the Hempstead Plains was established in 1644 (Seyfried 1984). However, Native American populations had already begun to dramatically shrink earlier in the seventeenth-century. Around 1615 the first waves of European disease epidemics began to sweep over the populations of New England (Snow 1980). With mortality rates over 90 percent, whole villages were decimated within several decades, and by 1700 concomitant social changes had permanently altered and in most cases destroyed the Native American cultures first encountered by Europeans less than two hundred years before.

The identity of the first Europeans to explore Long Island is uncertain. The island may have been first spotted by Henry Hudson, an English explorer who sailed under the flag of the Netherlands, during his voyage of 1609. Some writers claim that the Italian-born British explorer Sebastian Cabot sighted the south shore of the island in 1520. Other sources attribute the discovery of the island to Giovanni da Verrazano, a Florentine explorer who sailed along the Atlantic Coast of North America in 1524. Still other sources attribute its discovery to Esteven Gomez, a Portuguese in the employ of Emperor Charles V of Spain, who sailed the Atlantic Coast in 1525 (Bailey 1949:I:25).

Henry Hudson was the first European to make a landing on Long Island. On September 3, 1609, Hudson's vessel, the *Half Moon*, anchored at the western end of the island's southern shore, and the following day members of its crew stepped ashore at present-day Coney Island. Crew members encountered the Canarsee Indians who lived in the area. Although relations between the Indians and the Europeans were largely peaceable, one of the *Half Moon*'s crew, John Colman, was slain during their brief stay (Bailey 1949:I:25-27).

Long Island was first mapped by Adrian Block, a Dutch navigator, who arrived in 1613 to obtain furs from the Indians to sell in Europe. After his first boat, the *Tiger*, was destroyed by fire, Block and his crew wintered on Manhattan Island and became the first European inhabitants of the island. In 1614, Block returned to Europe while another Dutch sailor, Cornelius Hendricksen, remained in the Long Island area. Hendricksen spent two years exploring the waters off Long Island and trading with its inhabitants (Bailey 1949:I:29).

After his return to Europe, Block appeared before the Lords of the United Belgic Provinces in The Hague to describe his explorations. He urged the council to proclaim Dutch sovereignty over the territory he explored. This territory extended from Virginia on the south to New France on the north. The council agreed and the name "Nieuw Netherlandt" was given to the huge tract of land (Bailey 1949:I:29). This proclamation began the period of Dutch rule of the present New York City and Long Island.

Initial settlement of the Dutch colony was limited to Manhattan Island. In 1626, two years after initial settlement, Peter Minuit came to the island to represent the interests of the Dutch East India Company. Among his initial official acts was his famous purchase of the island from the Native Americans for sixty guilders or $24 (Bailey 1949:I:32).

After six years, Minuit was succeeded as director-general by Wouter Van Twiler. During Van Twiler's directorship, Dutch holdings were expanded eastward. He acquired a total of some 7,600 acres including several islands in the East River and large flats on Long Island, now part of Brooklyn. Later in the 1630s, Dutch land holdings on Long Island were expanded. In 1638, William Kieft, who succeeded Van Twiler, bought land in what is now the Bushwick section of Brooklyn. Two years later, he purchased the land that was to comprise the towns of Flatlands, Flatbush, Gravesend and Brooklyn (Bailey 1949:I:36).

The first attempt to establish an English settlement at the western end of Long Island occurred in Spring 1640 at Cow Neck, presently Manhasset. Forced by Director-General Kieft to abandon their settlement, the English colonists moved east and established Southampton. The second attempt at English settlement of the western portion of the island occurred in 1642. A group of English dissenters, led by the Reverend Francis Doughty, arrived from Cohasset, Massachusetts. They were given a Dutch grant for the Mispat Patent and established the settlement first known as the English Kills and later as Newtown Creek. This settlement was destroyed the year after its establishment during fighting with Indians (Bailey 1949:I:38). It was rebuilt in 1645 and became the first permanent English settlement in western Long Island.

Shortly after Doughty's group settled at the western end of the island, another group of dissenters settled within the present area of Nassau County. This group was led by Richard Denton, a Yorkshire minister (Schultz 1937:2) who had originally settled in Watertown (present-day Wethersfield), Connecticut, and later established the community of Stamford, Connecticut. By 1641, 28 families from Watertown had moved to Stamford (Schulz 1937:5).

In 1643, Reverend Duncan sent Reverend Robert Fordham and his son-in-law Robert Carman to purchase land across Long Island Sound from Stamford. The land chosen included an open meadow that stretched for miles across the central portion of the island. A contemporary Dutch writer described the natural bounty of this area:

> There is...a great store of deere there...and also Buffaloes...There are fayre Turkeys...500 in a flock with infinite stores of Berries, Chesnuts, Beechnuts and

> Mast which they feed on. Whole groves of Wallnut Trees to make Wallnut Oyle or milk, in France worth 20 pounds a tonne. There are Ponds of fresh water three or four miles in compass...There is infinite store of Fowle and eggs of all sorts and sea and shell fish in abundance and 1000 loads of oyster shells in heape to make lime of. The Spring waters there are as good as small beere here (Anonymous 1969:12).

The meadow, later known as the Hempstead Plains, eventually became the site of Roosevelt Field.

The land was purchased by Fordham and Carman from the Indians of Masapeague, Mericock and Rockaway on December 13, 1643. In November 1644, Director General William Kieft granted a patent to the settlers. The patent allowed substantial self-government and the right to freedom of religion while requiring a hundred settlers to occupy the tract within five years (Anonymous 1969:15). The signatories of the patent were John Strickland, Robert Fordham, John Ogden, John Carman, John Lawrence and Jonas Wood, individuals who were among the first settlers of the town of Hempstead. Although this and other western Long Island settlements were established by the English, they were governed by the Dutch. The Dutch appointed local magistrates, collected taxes, and supplied ammunition, labor, and commodities from Europe (Schultz 1937:53).

The Dutch jurisdiction remained until the 1660s. In 1664 King Charles II of England granted to his brother James, the Duke of York, "all that part of the main land of New England" and also "all that island or islands commonly called by the several name or names of Meitowacks, or Long Island." To administer the affairs of this possession, the Duke of York appointed Richard Nicolls as his deputy governor (Bailey 1949:I:59).

The King named Sir Robert Carr, George Cartwright and Samuel Maverick as commissioners of the territory and instructed them to take physical possession of it. The expedition left Portsmouth in May 1664 and sent Dutch Governor Peter Stuyvesant an ultimatum demanding his surrender on August 20, 1664. Six days after receipt of the ultimatum, Stuyvesant surrendered, and the Dutch colony of New Amsterdam became the English colony of New York (Bailey 1949:I:61;63).

English governmental authority over their new colony was codified in what became known as the Duke's Laws. These laws were adopted by delegates from each of the towns of New York who met in Hempstead in February 1665. At this same meeting, the delegates adopted English names in place of the Dutch town names and developed an administrative structure for the colony. The colony was designated as the shire of Yorkshire and was divided into three Ridings, the North Riding taking in the present-day Nassau County as well as Westchester (Bailey 1949:I:66).

Under the provisions of the Duke's Laws, each town was empowered to elect a constable and eight overseers who served as assessors and comprised the town's governing body. Each town was made responsible for its own poor. The constable and two overseers constituted the town court over which a justice of the peace presided. Overseers also served as jurors in the Court of Assizes and the Court of the Riding, the latter of which contained justices from all towns in the riding and convened twice yearly (Bailey 1949:I:66). In 1683, the ridings were abolished and the county system was established. The present Nassau County was included as part of Queens County along with the present Borough of Queens (League 1959:2).

Although the laws granted some power to the local jurisdictions, most power remained with the Colonial government. This government briefly changed back to the Dutch during the 1670s when the Dutch fleet captured New York in 1673. After the restoration of peace between England and the Netherlands in 1674, control reverted back to the English (Bailey 1949:I:68-71). Depending upon the policies of the crown and the royal governor, the Colonists were granted greater or lesser amounts of authority for their own governance.

The increasing tensions which swept the Colonies during the 1760s in response to the Stamp Act also touched Long Island. Demonstrations were organized by the Sons of Liberty, and residents divided into two camps. The Whigs, who supported the Sons of Liberty, counted most of the militia among their members, while the Tories included most officeholders and large landowners (Bailey 1949:I:84).

In the early years of the new nation, Long Island developed its trade network. Gabriel described the character of Long Island at the end of the eighteenth century:

> Long Island, at the end of the eighteenth century, was not a part of the back country. Its fields and meadows made up an important portion of that narrow zone within the reach of markets which stretched, with few interruptions, along the shore of the sea and drove reentrant angles inland along the banks of navigable rivers.... For the people of this zone the ocean was the great highway. To and from New York, along the shores of Long Island, plied fleets of sturdy little sailing vessels, which put into the harbors and bays and moored at the docks of shore villages....Here their loads were piled aboard the small crafts to be taken to New York and sometimes to Boston (Gabriel 1960:37-38).

Throughout much of the nineteenth century, the major land use of Long Island remained agriculture. The relatively flat fertile land was well-suited for a variety of crops and livestock and nearby New York City provided a readily accessible market. The island began to undergo a transformation with the establishment of its first rail connections. In 1844, tracks had been laid between Brooklyn and Greenport, and two to three trains a day traversed the route. A ferry connected from Greenport to Stonington, Connecticut and provided access to New England (Anonymous 1969:50).

While initially the railroad catered to long distance travel and hauling of commercial and agricultural products, the establishment of additional lines and routes and the growth of the New York area as an industrial and employment center led to the development of a commuter railroad network. By the late nineteenth century, increasing portions of Long Island had changed from farm villages to bedroom communities for New York City.

Nassau County was established in 1899 and encompassed the towns of Hempstead, North Hempstead and Oyster Bay (Smits 1974:39;43). The name "Nassau" was chosen to recall the 17th century name of Long Island as the Island of Nassau, in honor of William of Nassau and Orange, King of Holland, who assumed the throne of England in the Glorious Revolution of 1689 (Weidman and Martin 1982:i).

2.3.1 THE TOWN OF HEMPSTEAD AND THE VILLAGE OF GARDEN CITY

The Long Island land upon which a group of men and women from Stamford, Connecticut settled became at least a portion of the town of Hempstead. The name Hempstead was probably selected

to recognize the birthplace of some of its original settlers. John Carman was born in Hemel-Hempstead, England and Robert Fordham was born 18 miles distant. Some historians have also cited a possible Dutch derivation of the name, noting that "Heemstede" was a village in Zeeland (Anonymous 1969:13).

The site of Hempstead was initially divided into the land owned by each of the fifty proprietors. Each proprietor had the right to a certain area of land in addition to rights which could be sold to a future settler, given to a son, or disposed of in other ways. Each proprietor had three separate lots of land as his original right, one lot of 22 acres, one of 50 acres, and a third of 100 acres. Substantial portions of the Hempstead Plains were held as public land and were reserved primarily for the pasturage of sheep and cattle (Luke 1969:3). By 1657, 306 cattle and 74 weaned calves grazed on this land (Onderdonk 1878:14).

The site selected for the Village of Hempstead was at the southern edge of the Hempstead Plains. The site was crossed by two streams that ran southward from the plains, one from the north and one from the northeast (Schulz 1937:13). The first houses in the village of Hempstead were erected in 1643-44 (Coombes n.d.:9). Initial development took place in a pattern similar to that found in New England. Luke postulates that houses were probably placed close together for mutual protection and that farmlands were located on the outskirts of the village site (Luke 1969:3).

Within ten years of the issuance of the patent, only 23 of the original 50 patentees remained at Hempstead. Enough newcomers had settled there that the obligation for 100 settlers had been met (Luke 1969:3). The town grew rapidly. In 1658, there were 36 ratepayers. In 1659, there were 118 property owners, and by 1680, Hempstead was paying a greater proportion of the County Rates than any other town (Schulz 1937:25).

Some of the newcomers to Hempstead were attracted by offers of land. In March 1688, Thomas Barcar asked for and was granted 40 acres of land. In 1690, another settler was granted 18 or 20 acres (Schulz 1937:20-21). Other settlers were prosperous Europeans seeking a new start. John Seaman and Robert Jackson both purchased large tracts in the town vicinity. Seaman eventually owned 2,200 acres and his property included homes for several branches of the family, a tavern, a school and a private burying ground (Schulz 1937:21).

Other early settlers in the township included Daniel Whitehead, John Hicks, the Hewlett Family, the Raynor family, and Richard Cornell. Hicks's son Thomas received a patent in 1666 for 4,000 acres at Great Neck. The Hewlett family founded Merrick and later the village of Hewlett. The Raynor family settled at Freeport, while Cornell established a plantation on Manhasset Neck (Bailey 1949:I:405).

Although by the 1650s Hempstead had been in ostensible English ownership for a decade, a dispute over the ownership of its land remained. The original purchase deed from the Indians appeared to have conveyed only the southern portion of the town. In 1658, the settlers reached agreement with Tackapousha and the Indian spokesmen to transfer the land that extended from "sea to sea" (Schulz 1937:26) in exchange for 42 pounds in cattle, wampum, and merchandise (Bailey 1949:I:406).

During the eighteenth century, Hempstead gradually developed as a prosperous agricultural community. A 1722 census of the town indicates a total population of 2,220 including 1,007

white males, 894 white females, 192 male slaves, and 127 female slaves (Schultz 1937:25). By 1761, its population had reached 5,940 inhabitants (Schulz 1937:26).

Most of the Hempstead Plains and the marsh lands along the south shore were held in common and could not be sold. The Hempstead Plains measured some 16 miles long and contained 64 square miles. In 1712, the portion of the Plains maintained by Hempstead as common land had been reduced substantially by the encroachment of cultivation. In that year, a survey by Thomas Clowes indicated that it then contained 6,213 acres (Flint 1967:133). The Commons was patrolled by town-appointed herders and by commissioners whose duty it was to prevent fires (Bailey 1949:I:412).

Sheep and cattle that grazed in the Commons numbered in the thousands. By the 1770s, livestock from Hempstead and the adjacent town of Oyster Bay included 7,000 horned cattle and about as many sheep (League 1959:2). Initially, the number of cattle that a given property owner could pasture was proportion to the number of "standing gates" or panels of fence which he built and kept in order (Flint 1967:135). Sheep, which were turned loose on the plains in the summer, were driven to a designated spot in late October where they were penned and claimed by their owners who took them to their own quarters for the winter. This event became known as Sheep Parting Day and developed into a quasi-holiday in the town (Luke 1969:11-12).

Two major highways linked the township to the urban areas to the west during the eighteenth century. The Jericho Turnpike, located to the north of Hempstead village, and the King's Highway, which ran through the village, provided direct routes to Brooklyn and Manhattan. Agricultural produce raised on the fertile lands of the Hempstead Plains was carted along these roads to major markets.

The Town of Hempstead, although not the site of any Revolutionary War battles, suffered privations during that conflict. The Hempstead Plains had been the site of military drilling since the time of the French and Indian War. During the Revolutionary War, the 17th Light Dragoons of the British Army were quartered there. Sheep and cattle pastured on the commons were sold to the British by local residents or were forcibly requisitioned, and the British in turn used the meat to supply their troops in the New York and Long Island areas (Cassidy 1985).

The Revolution also caused a schism within the town. The town meeting was controlled by the Tories, who voted to send no delegates to the Continental Congress. Residents of the northern section of the town, whose sympathies lay with the Colonists, voted to send their own delegation. This political divide remained throughout the War, and in April 1784, the New York legislature officially recognized it by the creation of the Towns of North and South Hempstead. The latter became the Town of Hempstead in 1796 (Bailey 1949:I:415).

The Plains were again used for military purposes in later conflicts. During the War of 1812, the area was used as an encampment by United States troops. In 1846, it served as a training camp for soldiers who fought in the Mexican War. These soldiers were commanded by General Winfield Scott. It was again used for training by Union troops during the Civil War and was named Camp Winfield Scott in honor of the Mexican War hero (Cassidy 1985).

The Plains were also used for leisure-time pursuits. Beginning in the seventeenth century and continuing through the nineteenth century, horse races were held there (Anonymous n.d.). During the later nineteenth century, fox hunting and polo were introduced at the Meadowbrook Hunt Club (Mitchel Air Force Base n.d.:1).

The Village of Hempstead was incorporated in 1853. The Village contained about 2,000 acres, and included a sizable section of what later became Garden City. At the time of its incorporation, its population numbered 1,355. It was by far the largest community in the town and one of the largest in Queens County (Bailey 1949:I:419).

The population of Hempstead and nearby towns increased substantially in the late-nineteenth century in response to the growth of New York City. In 1880, Hempstead, North Hempstead and Oyster Bay had a combined population of 37,647. This total had increased to 45,760 in 1890, and 55,448 in 1900 (Smits 1974:1). Despite this increase in population, the Hempstead Plains remained relatively undeveloped, except at the extreme ends. On the west end were the small farming villages of Elmont and Franklin Square. On the east were two larger, prosperous farming communities, Farmingdale and Hicksville, each with over 1,000 residents (Smits 1974:2).

The first major development on the Hempstead Plains took place in the late-nineteenth century. In 1869, 7,000 acres of the tract, which had been described as "thousands of acres of neglected wasteland," was purchased by department store magnate Alexander T. Stewart for $400,000 in a sale approved by a vote of the people of the Town of Hempstead (Neidich-Ryder 1988b:59). This tract became the site of his planned community of Garden City (Anonymous n.d.:1), designed to provide homes for the "working classes of New York and Brooklyn" (Neidich-Ryder 1988b:59). At the time of Stewart's purchase, the *New York Times* described the area:

> As far nearby as the eye reaches, he beholds a wide and capacious plain, almost free from trees and bushes, open and uncultivated. The verdure and freshness of the grass, intermingled with the white clover, which mantles the earth, is one of the peculiar and beautiful features of these plains...the grass grown here is long and luxurious, forming most excellent pasturage, to which purpose the plains have been devoted from time immemorial (as quoted in Neidich-Ryder 1988b:56).

An essential impetus in the growth of Hempstead and other Nassau County communities was the Long Island Railroad. By 1875, the large number of small local railroad lines on Long Island had been consolidated into three main systems, the North Side, the South Side, and the Long Island Central. By the end of the century, the Long Island rail network was essentially complete (Smits 1974:3).

During the late-nineteenth century, the railroad promoted the advantages of living on Long Island. Publicity materials noted that since the railroad network had been completed, "towns and villages have sprung up, the highways graded and a wonderful growth of seaside resorts developed...There are no more fortunate people than those who have established permanent residence on Long Island" (Smits 1974:4). Many of these people used the railroad to commute to jobs in New York City.

This suburban growth was documented by the establishment of incorporated villages within Nassau County. In 1890, Hempstead was the only incorporated village in the county. Four more, Freeport, Rockville Center, Lawrence, and East Rockaway, had been established by 1900. During the first quarter of the twentieth-century, 13 additional villages were incorporated (Anonymous 1969:84).

As a consequence of the establishment and growth of commuter suburbs in Nassau County, the amount of agricultural land in the county dropped. During the last quarter of the nineteenth-century, farm acreage dropped from 90,738 to 69,357 (Smits 1974:13). The type of farming also changed. Dairy farming and sheep raising, the traditional mainstays of Nassau County agriculture, declined in importance. Market vegetable farming increased in importance because of the population growth of New York City and the development of reliable rail links (Smits 1974:15).

With the birth of aviation in the twentieth-century, the Hempstead Plains had a new role. In 1909, Glen Curtiss flew 25 kilometers over the plains to win a $10,000 prize for the first sustained aircraft flight. Curtiss later established his aircraft factory at the corner of Stewart Avenue and Clinton Road in Hempstead (Neidich-Ryder 1988b:60).

The flat treeless plains became dotted with airfields, and flights originated from Hempstead, Mineola, Garden City, Hazelhurst, and Curtis airports. The Plains was the site of many significant aviation "firsts" including the first extensive cross-country flight, the first American-designed monoplane, the first American woman pilot, and the first airmail flight (Neidich-Ryder 1988b:60).

During World War I, the Hempstead Plains Aviation Field was converted to military use and was renamed Hazelhurst Field. Two years later it was renamed in memory of Quentin Roosevelt, a son of Theodore, who died in an airplane crash in France during World War I. The field was used as a training site for military aviators (Neidich-Ryder 1988b:60). The Plains continued to play an important role in United States aviation history during the 1920s. The most famous flight of the decade, Charles Lindbergh's 1927 solo crossing of the Atlantic, originated at Roosevelt Field (Neidich-Ryder 1988b:61).

After World War II, Long Island saw rapid residential and commercial growth. The Down Gradient Area developed into a residential neighborhood, with a grid of streets, sidewalks, and manicured lawns. During the 1950s the Source Area became the site of the Roosevelt Field Shopping Center.

2.3.2 THE LONG ISLAND MOTOR PARKWAY

The Long Island Motor Parkway was constructed between 1908 and 1911, placing it among the world's earliest parkways (Wines 1962). The Parkway stretched for 45 miles from Queens, through Nassau and Suffolk Counties, to Lake Ronkonkoma. It had a reinforced concrete roadbed, steel and concrete bridges to eliminate grade crossings, and a protective guard rail along the roadside. The Parkway included twelve "toll lodges," and the initial toll charge was $2.00, a large sum of money at the time. We take such highway characteristics for granted today, but they were innovative features when the Long Island Motor Parkway was constructed.

The driving force behind the construction of the Long Island Motor Parkway was William K. Vanderbilt, II, great grandson of Cornelius Vanderbilt (Smith 1961). The Parkway was a privately-funded road that enabled Vanderbilt and other socialites to drive from New York City to summer homes on Long Island. In addition, Vanderbilt was a racing enthusiast, and built the Parkway to be used as a racecourse. The Vanderbilt Cup Races were held on the Parkway from 1908 to 1910, when four spectators were killed and the New York State Legislature banned auto racing outside of racetracks.

In 1929 Robert Mosses was preparing to build the Northern State Parkway. Vanderbilt and his investors approached Mosses with an offer to sell the Long Island Motor Parkway, but Mosses refused the offer. In order to compete with the more modern, toll free, Northern State Parkway, Vanderbilt reduced the toll on the Long Island Motor Parkway to 40 cents, but this was not enough to stay off the inevitable demise of Vanderbilt's innovative Parkway. By 1938 the Long Island Motor Parkway was closed to motorists and the deeds were turned over to county officials in exchange for the Parkway's tax debt.

The Parkway was split up among several state and county agencies (Anderson 2005). A section in Queens was transformed into the Queens Bicycle Path, and some sections were sold to developers or utility companies. Within Suffolk County, several portions of the old Parkway have been upgraded and incorporated into the modern parkway system. In 1986 the New York City Parks Department rehabilitated the Queens Bicycle Path, and in 2002 this portion of the Long Island Motor Parkway was placed on the National and New York State Registers of Historic Places.

The Long Island Motor Parkway passed through Garden City, and through the Source Area. A bridge/overpass was constructed across Clinton Avenue, and the Garden City Toll Lodge was located on the east side of Clinton Avenue, within the western portion of the Source Area. In 1989 the building was restored and moved to 7th Street, where it is now the home of the Garden City Chamber of Commerce (Plate 5).

3.0 RESEARCH METHODS

3.1 ARCHIVAL RESEARCH

Both primary and secondary sources were consulted in order to construct environmental and cultural contexts and assess the potential for the Site to contain archeological resources. These sources include both written and cartographic documents relating to past and present environmental conditions and historical settlement of the region. Standard syntheses of regional prehistory (Funk 1976; Parker 1922; Ritchie 1980; Salwen 1978; Smith 1950) were consulted for information concerning the prehistory of southern New York, Long Island and Nassau County. The files at the Cradle of Aviation Museum, Garden City, were reviewed for information regarding the history of Roosevelt Field.

Historical map research was conducted at the New York Public Library Map Division; the Garvies Point Museum and Preserve, Glen Cove; and the Cradle of Aviation Museum, Garden City. The site files at the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP), the New York State Museum (NYSM), and the Garvies Point Museum were also consulted for pertinent information about previously recorded archeological sites within a two-mile radius of the Site. Collectively the site files contain locations and other information concerning sites documented during the early-twentieth century (e.g., Beauchamp 1900; Parker 1922), as well as sites documented during more recent cultural resources surveys in Nassau County. Reports from previous cultural resource surveys in the vicinity of the Site (e.g., ILIA 1998; LBG 2002) were examined at the offices of the OPRHP. Information contained in these reports assisted in the evaluation of the archeological sensitivity of the Study Area.

3.2 FIELD RECONNAISSANCE

JMA personnel conducted a field reconnaissance of the Site on April 7, 2005. The purpose of the field reconnaissance was to evaluate existing conditions of the Source Area and Down Gradient Area, assess the degree of previous ground disturbance, and gather information necessary to evaluate the potential for the Site to contain cultural resources. Documentation of existing conditions included recording observations and photographing existing structures (photographic angles for plates are shown in Figures 3, 4 and 9) and significant or informative landscape features.

4.0 RESULTS

4.1 PREVIOUSLY RECORDED ARCHITECTURAL RESOURCES

There are no properties listed on the State and National Registers of Historic Places (S/NRHP) within either the Source Area or the Down Gradient Area. There are 51 properties listed on the S/NRHP within the Village of Garden City. All of the properties are located at least one-half mile west of the Site. Most of these properties are historic structures associated with the early growth of Alexander Stewart's planned community. Most of the early development of Garden City took place west of the Site, west of Washington Avenue.

A complete list of the State and National Register properties in the Village of Garden City is included as part of Appendix A of this report.

4.2 PREVIOUSLY RECORDED ARCHEOLOGICAL SITES

JMA reviewed the sites files of the New York State OPRHP, the NYSM, and the Garvies Point Museum, Glen Cove, in order to identify previously recorded archaeological sites. There are no previously recorded archeological sites within the Source Area or the Down Gradient Area, and there are no previously recorded archeological sites within a two-mile radius of the Site. Most of the previously recorded archeological sites in Nassau County are located north and south of the Site, near the coast and along major drainages.

4.3 CARTOGRAPHIC ANALYSIS

Historic land use of the Site was investigated by examining historic maps of the region. These included an anonymous 1837 map of the Village of Hempstead and the Hempstead Plains (Figure 6), an 1873 Beers *Atlas of Long Island* (Figure 7), a 1906 Hyde *Map of Long Island* (Figure 8), and a drawing of Roosevelt Field as it appeared ca. 1935 (Figure 5)(Stoff and Camp 1992). Collectively these maps display the historic settlement outlined in Section 2.3 (Historic Period Cultural Contexts).

The 1837 map (Figure 6) depicts several structures north of the Source Area, along Old Country Road, and two structures apparently within the Down Gradient Area, east of Clinton Road. The 1873 atlas (Figure 7) shows the proposed grid pattern of streets on either side of Clinton Road for the new Garden City development. As the 1873 depicts, within the first few years of the growth of Garden City, very few structures were erected. There are no structures shown within the Source Area, and one structure is shown within the Down Gradient Area, on the west side of Clinton Road and associated with the name "A.T. Stewart." The 1873 atlas also depicts the new Central and Hempstead Branches of the Long Island Railroad.

The 1906 map (Figure 8) shows both the Source Area and the Down Gradient Area devoid of structures. The 1935 drawing of Roosevelt Field (Figure 5) shows the layout of runways and structures along Old Country and Clinton Roads.

Other cartographic sources were consulted, but yielded no data relevant to the historic use of the Site, and so are not reproduced. These include Burr (1829), Colton (1843), Hyde (1896; 1927), and the 1915 Sanborn insurance maps of Garden City.

4.4 EXISTING CONDITIONS ON THE SITE

The Down Gradient Area consists of a grid of paved streets lined and private residences with sidewalks and manicured lawns. There are no undeveloped sections of the Down Gradient Area. Although possible, it is unlikely that there are intact archeological deposits below the streets, sidewalks and homes.

The majority of the Source Area consists of commercial structures, paved parking lots, and paved roads. At the time of JMA's survey, there were two undeveloped portions of the Source Area: one at the northwest corner of the Source Area, and one near the southwest corner (Plates 6, 7 and 8). The northern undeveloped area (Plate 6) appears to have been graded, but it is possible that there are buried, intact archeological deposits associated with the Roosevelt Field structures that once stood in this area. The southern undeveloped area (Plates 7 and 8) has been used as a trash dump. This area appears to be relatively undisturbed. However, based on JMA's analysis of Figure 5, as well as aerial photos archived at the Cradle of Aviation Museum, it appears that no structures associated with Roosevelt Field were present in this area. According to Figure 5 and the archived aerial photos, the southern undeveloped area was the location of the Old Westbury Golf Course. It is highly unlikely that there are significant intact archeological deposits within the southwest undeveloped portion of the Source Area.

Within the Source Area, south of the Village of Garden City water supply wells, there are remnants of the Long Island Motor Parkway (Figure 9; Plates 9 and 10). Figure 9 shows the path of the Parkway, as well as the estimated former location of the Garden City Toll Lodge.

Hazelhurst Park (baseball Fields) is located near the southwest corner of the Source Area (see Figure 3). It is likely that the construction of the ball fields involved grading, but it is possible that there are intact archaeological deposits in this area: possible prehistoric deposits or deposits associated with the Curtis Factory that was once located in this area (see Figure 5).

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 SUMMARY AND CONCLUSIONS

There are no properties listed on the S/NRHP within or in the immediate vicinity of the Site, and there are no previously recorded archeological sites inside, or within a two mile radius of the Site. It is JMA's opinion that commercial and residential development during the twentieth-century diminishes the likelihood of intact archeological deposits throughout most of the Site.

Historic Period background research indicates that both the Source Area and the Down Gradient Area remained relatively undeveloped until the twentieth-century. It is JMA's opinion that the Site has a low sensitivity for pre-1900 Historic Period archeological sites. It is JMA's opinion that there is a medium sensitivity for intact archeological deposits associated with Hazelhurst/Curtis/ Roosevelt Field within the currently undeveloped northwest portion of the Source Area, along Clinton Road.

Remnants of the Long Island Motor Parkway are present near the southwest corner of the Source Area. Two segments of the Long Island Motor Parkway in Queens are listed on the S/NRHP.

There are no previously recorded Prehistoric Period archeological sites within a two mile radius of the Site. The lack of a significant water source within the vicinity of the Site suggests that large residential villages would most likely not have been present, but small specific resource procurement sites might have been present on the Hempstead Plains. It is JMA's opinion that the few remaining undeveloped portions of the Source Area, as well as Hazelhurst Park, have a low sensitivity for intact prehistoric archeological sites.

5.2 RECOMMENDATIONS

If remediation activities are to take place within the undeveloped portions of the Source Area, or within Hazelhusrt Park, JMA recommends a Stage 1B cultural resource survey. If remediation activities are to take place within the vicinity of the remnants of the Long Island Motor Parkway, JMA recommends that a Phase II analysis be conducted to determine if this portion of the Parkway is eligible for the S/NRHP.

6.0 REFERENCES CITED

Anderson, Steve
2005 Long Island (Vanderbilt) Motor Parkway: Historic Overview. www.nycroads.com/history/motor/

Anonymous
n.d. *The Hempstead Plains: Cradle of Aviation.* Roslyn Savings Bank, West Hempstead, New York.

1837 Map of the Village of Hempstead. On file at the Garvies Point Museum and Preserve, Glen Cove, New York.

1969 *A History of the Town of Hempstead.* Town of Hempstead, Hempstead, New York.

Bailey, P. (editor)
1949 *Long Island, A History of Two Great Counties, Nassau and Suffolk.* Two volumes. Lewis Historical Publishing Co., Inc., New York.

Beauchamp, William M
1900 *Aboriginal Occupation of New York.* Bulletin of the New York State Museum 32(7), University of the State of New York, Albany.

Beers, Frederick W.
1873 *Atlas of Long Island, New York from Recent and Actual Surveys and Records.* Beers, Comstock and Cline, New York.

Burr, David H.
1829 *Map of the Counties of New York, Queens, Kings and Richmond.* D.H. Burr, New York.

Cassidy, J.
1985 Mitchel Field has long history. *Daily News.* January 16, 1985.

CDM Federal Programs Corporation (CDM)
2004 *Invitation for Bid for Stage 1A Cultural Resources Survey for the Remedial Investigation/Feasibility Study: Old Roosevelt Field Contaminated Groundwater Area Site, Nassau County, New York.* Solicitation No. IFB-3223-146-002-HS. CDM Federal Programs Corporation, Chantilly, Virginia.

Colton, J.H.
1843 *Travellers Map of Long Island.* J.H. Colton and Company, New York.

Coombes, G.D.
n.d. Seven Hempstead Items. Typescript in collection of the Long Island Studies Institute, Hofstra University, Hempstead, New York.

Flint, M.B.
1967 *Long Island Before the Revolution: A Colonial Study*. Reprint of 1896 edition. Ira J. Friedman, Inc., Port Washington, New York.

Funk, Robert E.
1976 *Recent Contributions to Hudson Valley Prehistory*. New York State Museum Memoir No. 22. The University of the State of New York, Albany.

1978 Post-Pleistocene Adaptations. In *Northeast*, vol. 15. Handbook of North American Indians, edited by B.G. Trigger, pp. 16-27. Smithsonian Institution, Washington, D.C.

Gabriel, R.H.
1960 *The Evolution of Long Island: A Story of Land and Sea*. Reprint of 1921 edition. Ira J. Friedman, Port Washington, New York.

Gardner, W.M.
1974 The Flint Run Paleo-Indian Complex: Pattern and Process During the Paleo-Indian to Early Archaic. In *The Flint Run Paleo-Indian Complex: A Preliminary Report, 1971-1973 Seasons*, edited by W.M. Gardner. Occasional Publication No. 1. Catholic University Archeology Laboratory, Washington, D.C.

Goddard, I.
1978 Delaware. In *Northeast*, vol. 15. Handbook of North American Indians, edited by B. G. Trigger, pp. 213-239. Smithsonian Institution, Washington, D.C.

Gramley, R.M.
1977 Archaeological Investigations at Pipestave Hollow, Mount Sinai Harbor, Long Island: A Preliminary Report. *Anthropology* 1(1):20-32.

Gramly, M.
1985 *The Vail Site*. University of Buffalo Press, Buffalo, New York.

Griffin, J.B.
1967 Eastern North American Archeology: A Summary. *Science* 156:175-191.

Gwynne, G.
1979 Prehistoric Archaeology of Mount Sinai Harbor, Suffolk County, New York. *The Bulletin and Journal of Archaeology of New York State* 77:14-25.

Hyde, E. Belcher
1896 *Map of Long Island*. Hyde and Company, Brooklyn, New York.

1906 *Map of Long Island*. E. Belcher Hyde, Brooklyn, New York.

Institute for Long Island Archaeology (ILIA)
1998 Stage I Cultural Resources Assessment for the Marketspan MSBA Compressor Station, Village of Rockville Centre, Town of Hempstead, Nassau County, New York. Report on file NYS OPRHP, Waterford, New York.

Kaeser, E.
1974 The Oakland Lake Site. *New York State Archaeological Association Bulletin* 60:1-27.

Kostiw, Scott F.
1995 A Fresh Look at the Middle Woodland Period in Northeastern North America. *The Bulletin. Journal of the New York State Archaeological Association* 110:38-45.

League of Women Voters of Hempstead
1959 *Hempstead Yesterday and Today.* League of Women Voters of Hempstead, Hempstead, New York.

Lopez, J., and S. Wisniewski
1971 The Ryder Pond Site, Kings County, New York. *New York State Archeological Association Bulletin* 60:1-27.

Louis Berger Group, Inc. (LBG)
2002 Mineola Intermodal Center, Mineola, New York, Draft Phase IA Cultural Resource Assessment. Report on file NYS OPRHP, Waterford, New York.

Luke, M.H.
1969 *Colonial Hempstead.* Town of Hempstead 325th Anniversary Committee, Hempstead, New York.

Mitchel Air Force Base
n.d. History of Mitchel Air Force Base. Typescript in collection of the Long Island Institute, Hofstra University, Hempstead, New York.

Neidich-Ryder, C.
1988a Long Island's Vanishing Prairie: A Hempstead Plains Retrospective. *The Nature Conservancy Long Island Chapter News*, Fall:4.

1988b The Hempstead Plains and the Birdfoot Violet. *Long Island Forum,* Spring:54-62.

New York Archaeological Council (NYAC)
1994 *Standards for Cultural Resource Investigations and the Curation of Archaeological Collections in New York State.* New York State Office of Parks, Recreation, and Historic Preservation, Waterford.

Onderdonk, H., Jr.
1878 *The Annals of Hempstead, 1643 to 1832.* Lott Van de Water, Hempstead, New York.

Parker, Arthur C.
1922 *The Archaeological History of New York, Part 2.* New York State Museum Bulletin Numbers 237 and 238, The University of the State of New York, Albany.

Ritchie, William A.
1971 *A Typology and Nomenclature for New York Projectile Points.* Revised edition. New York State Museum Bulletin Number 384, The University of the State of New York, Albany.

1980 *The Archaeology of New York State* (revised edition). Harbor Hill Books, Harrison, New York.

Roberts-Dolgin, G.R.
1989 The Geology of Staten Island and Western Long Island, Kings and Queens Counties, New York. In *Geology and Engineering Geology of the New York Metropolitan Area*, edited by Charles A. Baskerville, pp. 51-58. American Geophysical Union, Washington, D.C.

Rutsch, E.S.
1970 An Analysis of the Lithic Materials Used in the Manufacture of Projectile Points in Coastal New York. *New York State Archaeological Association Bulletin* 49:1-12.

Salwen, Bert
1965 *Sea Levels and the Archaic Archaeology of the Northeast Coast of the United States.* Unpublished Ph.D. Dissertation, Department of Anthropology, Columbia University.

1978 Indians of Southern New England and Long Island: Early Period. In *Handbook of North American Indians*, Volume 15, edited by Bruce Trigger, pp. 160-176. Smithsonian Institution, Washington.

Sanborn Map Company
1915 *Garden City, Nassau County, New York.* Sanborn Map Company, New York.

Saxon, Walter
1973 The Paleo-Indian on Long Island. *The Bulletin of the New York State Archaeological Association* 57:1-11.

Schultz, B.
1937 *Colonial Hempstead.* The Review-Star Press, Lynbrook, New York.

Seyfried, V.F.
1984 *300 Years of Long Island City: 1630-1930.* Edgian Press, Inc.

Smith, Carlyle Shreeve
1950 The Archaeology of Coastal New York. *Anthropological Papers of the American Museum of Natural History* 43 (2).

Smits, E.J.
1974 *Nassau, Suburbia, U.S.A.: The First Seventy-five Years of Nassau County, New York, 1899 to 1974.* Doubleday & Company, Inc., Garden City, New York.

Smith, Louise C.
1961 Long Island Motor Parkway 1908-1930. *Nassau County Historical Journal* 22:14-27.

Snow, D.R.
1980 *The Archaeology of New England.* Academic Press, New York.

Tuck, James A.
1978 Regional Cultural Development, 3000 to 300 BC. In *Northeast: Handbook of North American Indians, Volume 15*, edited by Bruce G. Trigger, pp. 28-43. Smithsonian Institution, Washington.

United States Department of Agriculture (USDA)
1987 *Soil Survey of Nassau County New York.* United States Department of Agriculture, Soil Conservation Service, Washington, D.C.

Unites States Geological Survey (USGS)
1967 *Hicksville, N.Y.* 7.5-minute Topographic Quadrangle (revised 1979). United States Department of the Interior, Geological Survey, Denver. Scale 1:24,000.

1968 *Sea Cliff, N.Y.* 7.5-minute Topographic Quadrangle (revised 1979). United States Department of the Interior, Geological Survey, Denver. Scale 1:24,000.

1969 *Lynbrook, N.Y.* 7.5-minute Topographic Quadrangle. United States Department of the Interior, Geological Survey, Denver. Scale 1:24,000.

1994 *Freeport, N.Y.* 7.5-minute Topographical Quadrangle. United States Department of the Interior, Geological Survey, Denver. Scale 1:24,000.

Versaggi, Nina M.
1999 Regional Diversity within the Early Woodland of the Northeast. *Northeast Anthropology* 57:45-56.

Weidman, B.S., and L.B. Martin
1981 *Nassau County Long Island in Early Photographs, 1869-1940.* Dover Publications, Inc., New York.

Wines, Roger
1962 Vanderbilt's Motor Parkway: America's Fist Auto Road. *Journal of Long Island History* 2:14-28.

Witthoft, J.
1953 Broad Spearpoints and the Transitional Period Cultures. *Pennsylvania Archaeologist* 23(1):4-31.

Wyatt, R.J.
1977 The Archaic on Long Island. *Annals of the New York Academy of Sciences* 288:400-410.

APPENDIX A:

Properties within the Village of Garden City that are Listed on the State and/or National Register of Historic Places and/or in the OPRHP Building-Structure Inventory

FIGURES

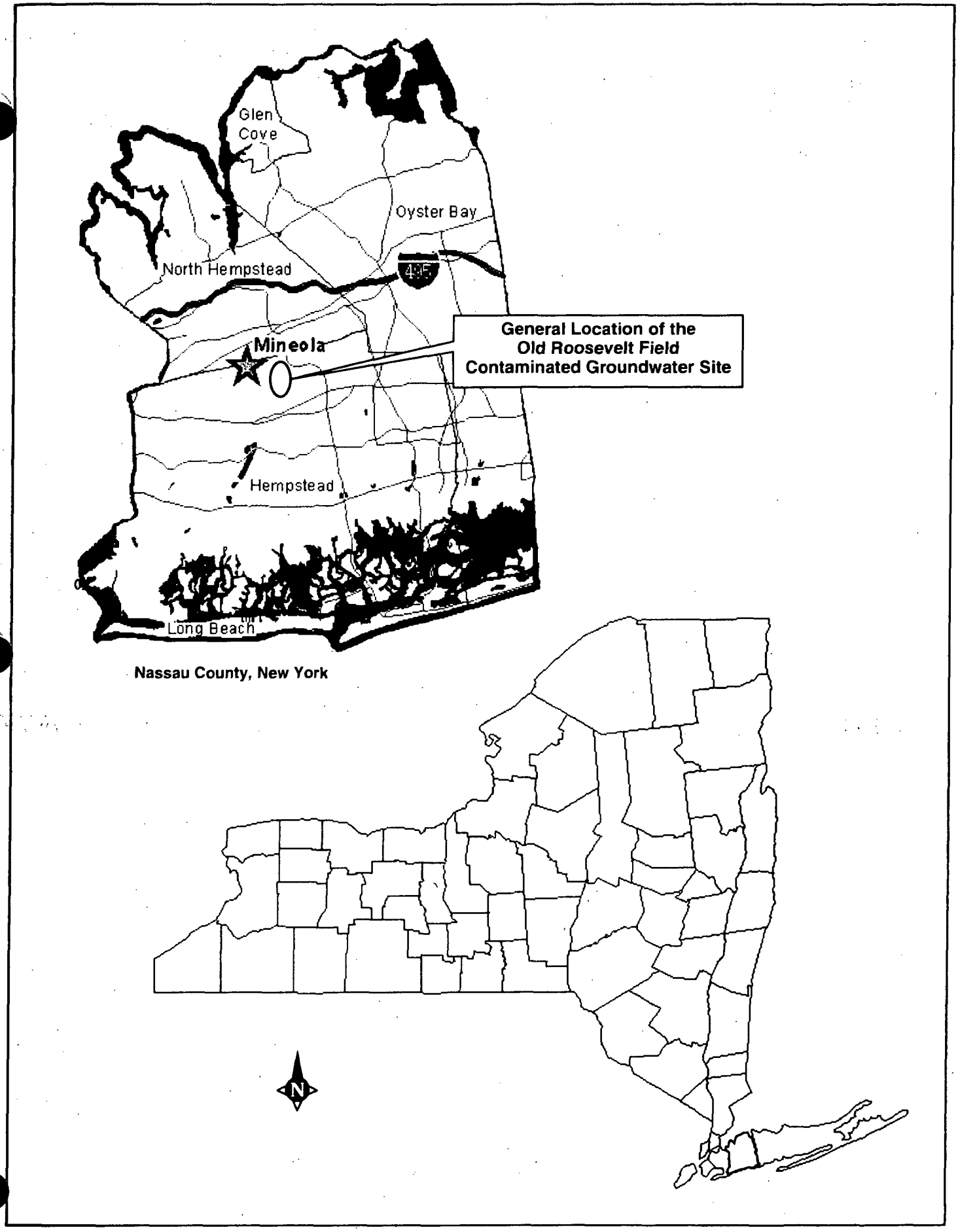


Figure 1. Map of Nassau County showing the general location of the Old Roosevelt Field Contaminated Groundwater Site.

Figure 2. Detail of the *Freeport* (1994), *Lynbrook* (1969), *Sea Cliff* (1968, revised 1979), and *Hicksville* (1967, revised 1979) USGS 7.5-minute quadrangles showing the location of the Old Roosevelt Field Contaminated Groundwater Site.

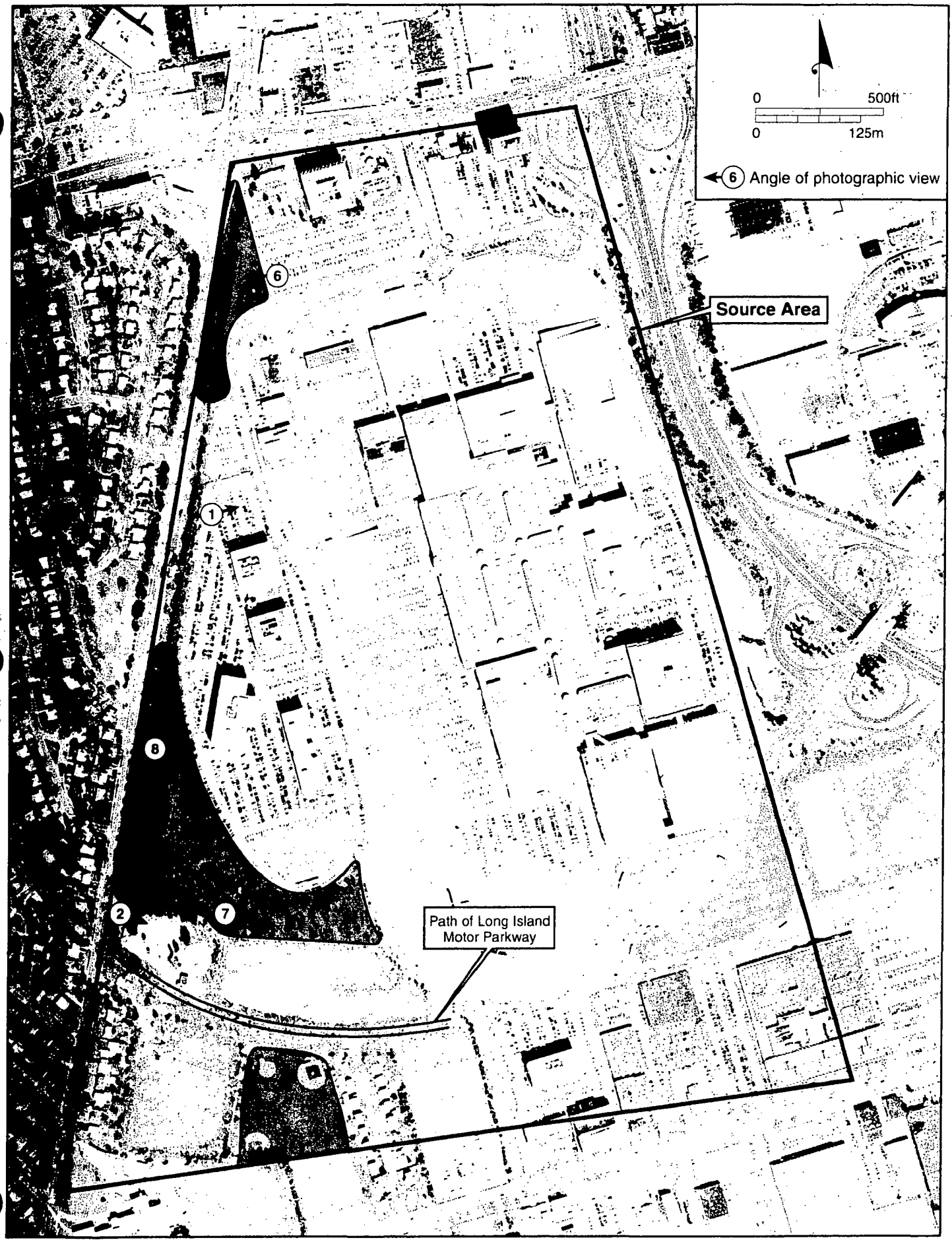
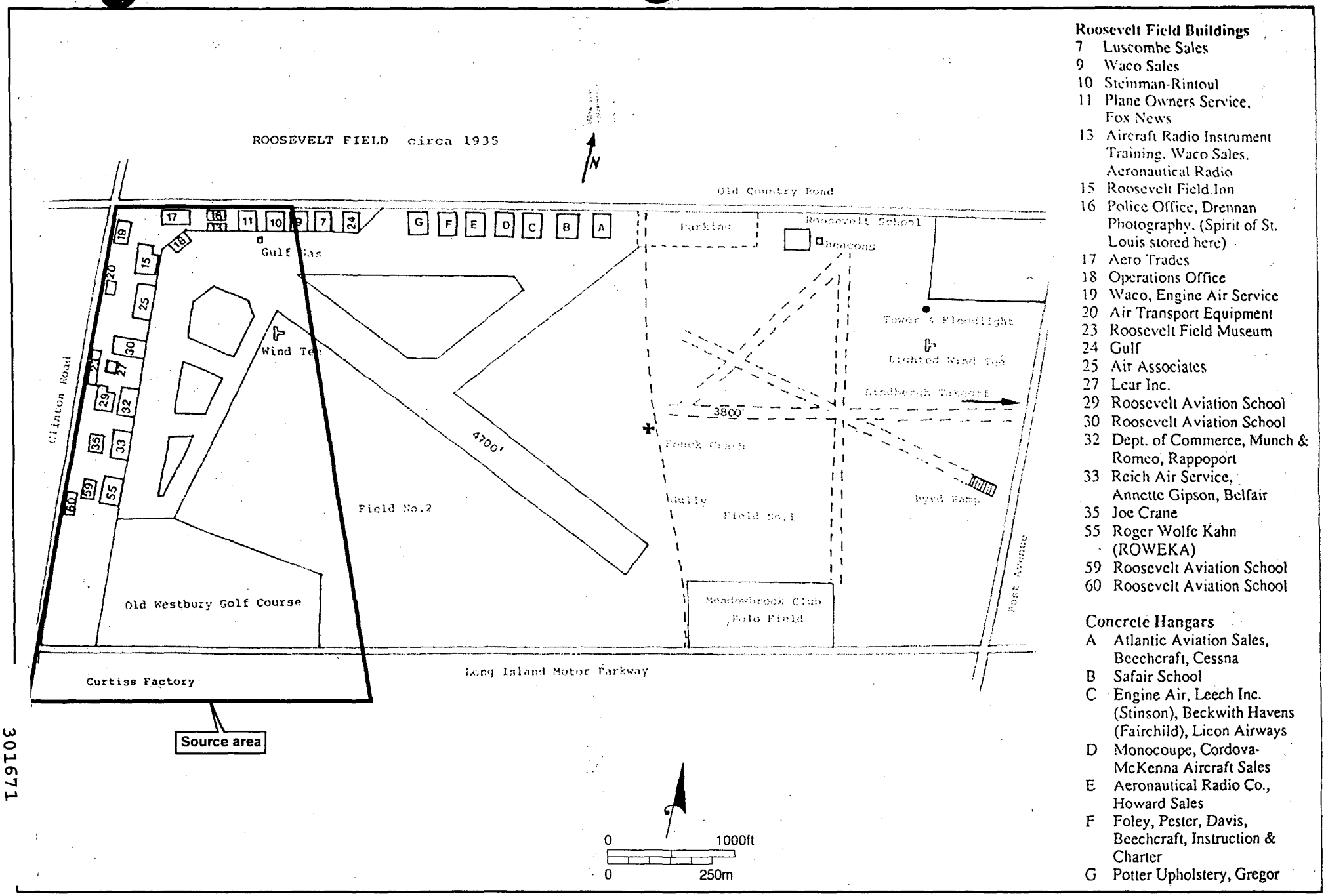


Figure 3. Detail of a 2000 digital orthoimage of the Source Area showing photographic angles for plates, archaeologically sensitive areas and the location of remnants of the Long Island Motor Parkway.

301669

Figure 4. Detail of a 2000 digital orthoimage of the Down Gradient Area showing photographic angles for plates.

301670



301671

Figure 5. Drawing of Roosevelt Field as it appeared ca. 1935 (from Stoff and Camp 1992), with the Source Area outlined.

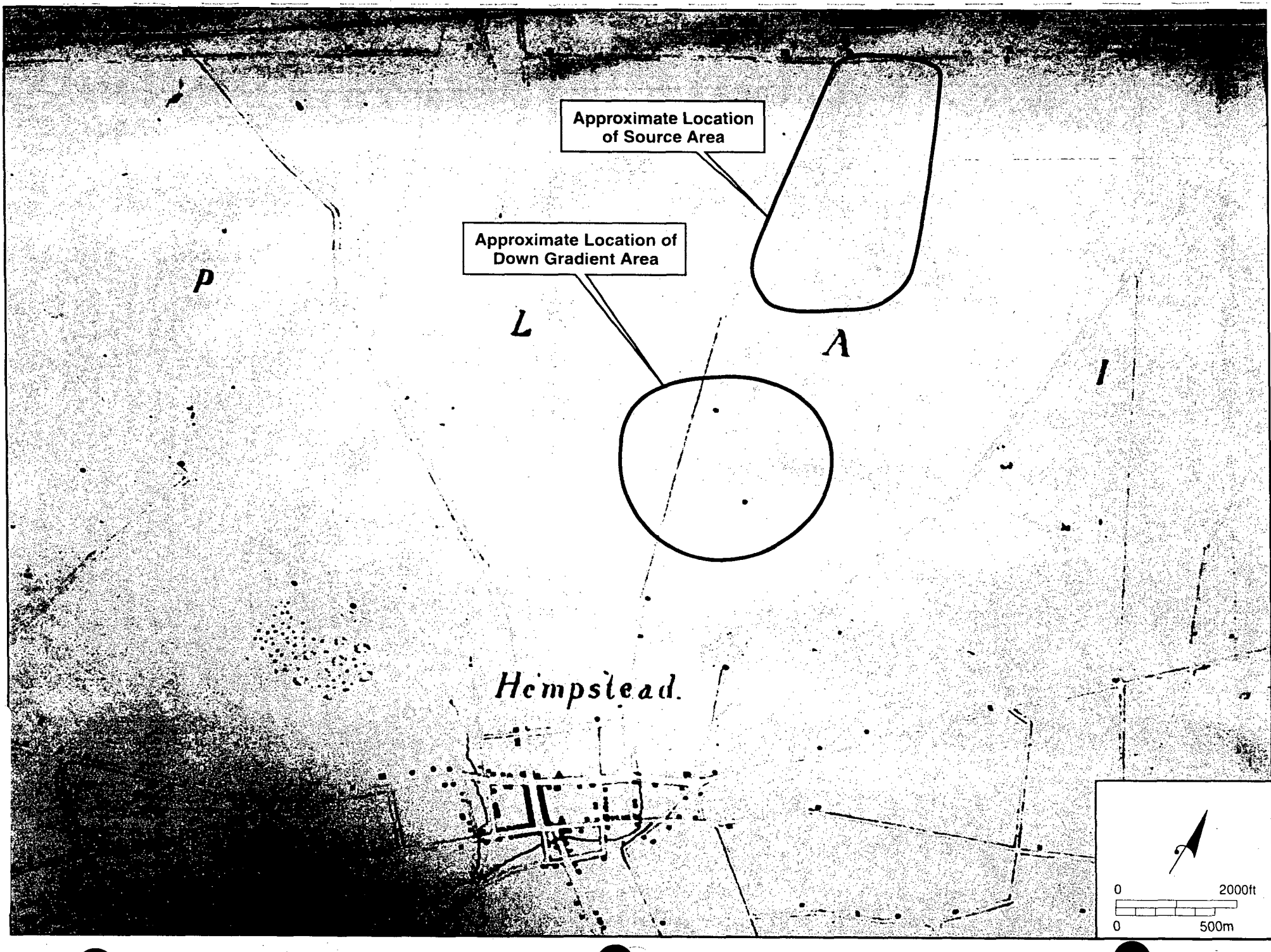


Figure 6 [redacted] l of an anonymous 1837 map of the Village of Hempstead sho[redacted]c approximate location of the Source Area and Down Gradien[redacted]

301672

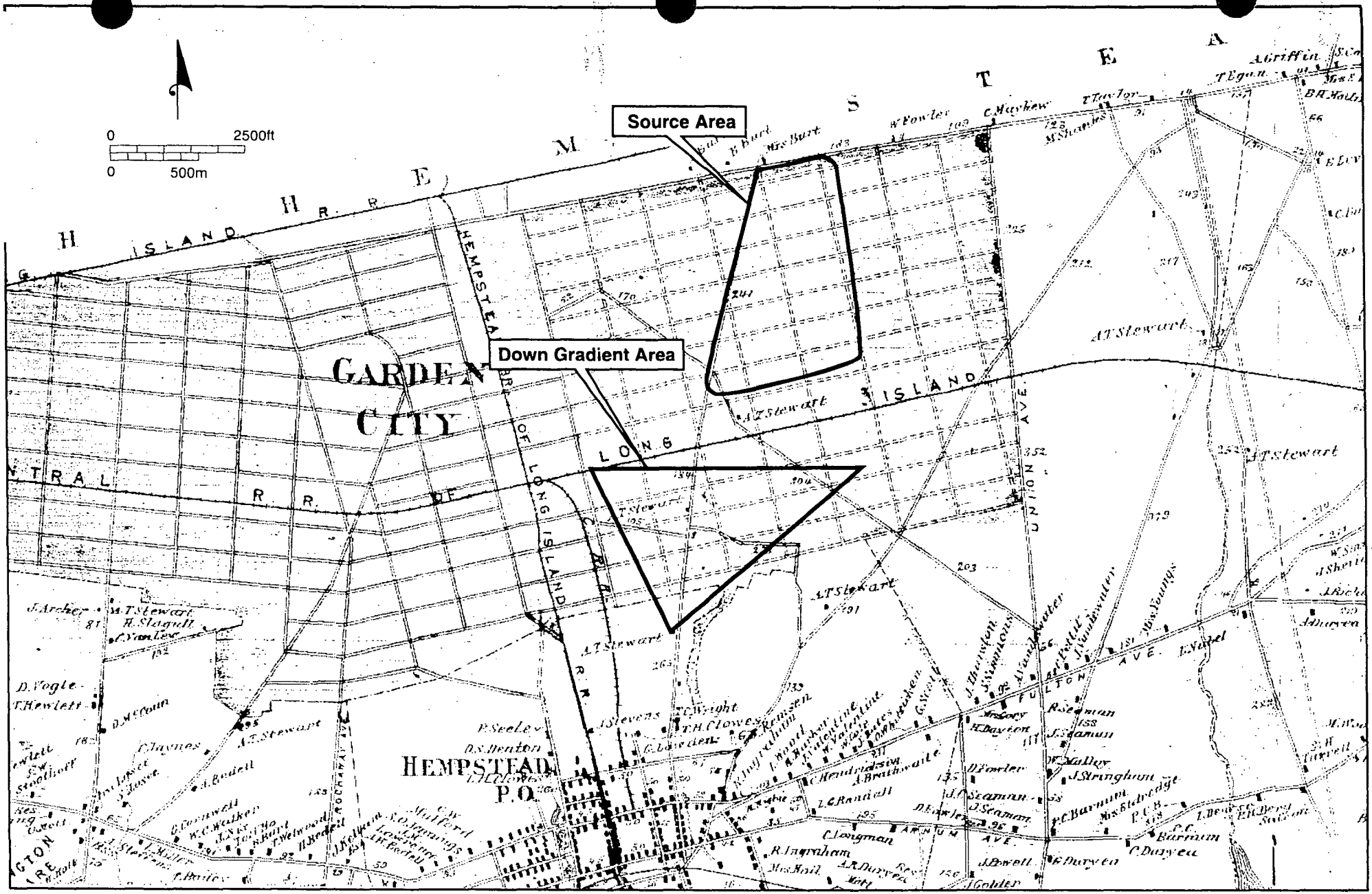


Figure 7. Detail of the 1873 Beers *Atlas of Long Island* showing the location of the Source Area and the Down Gradient Area.

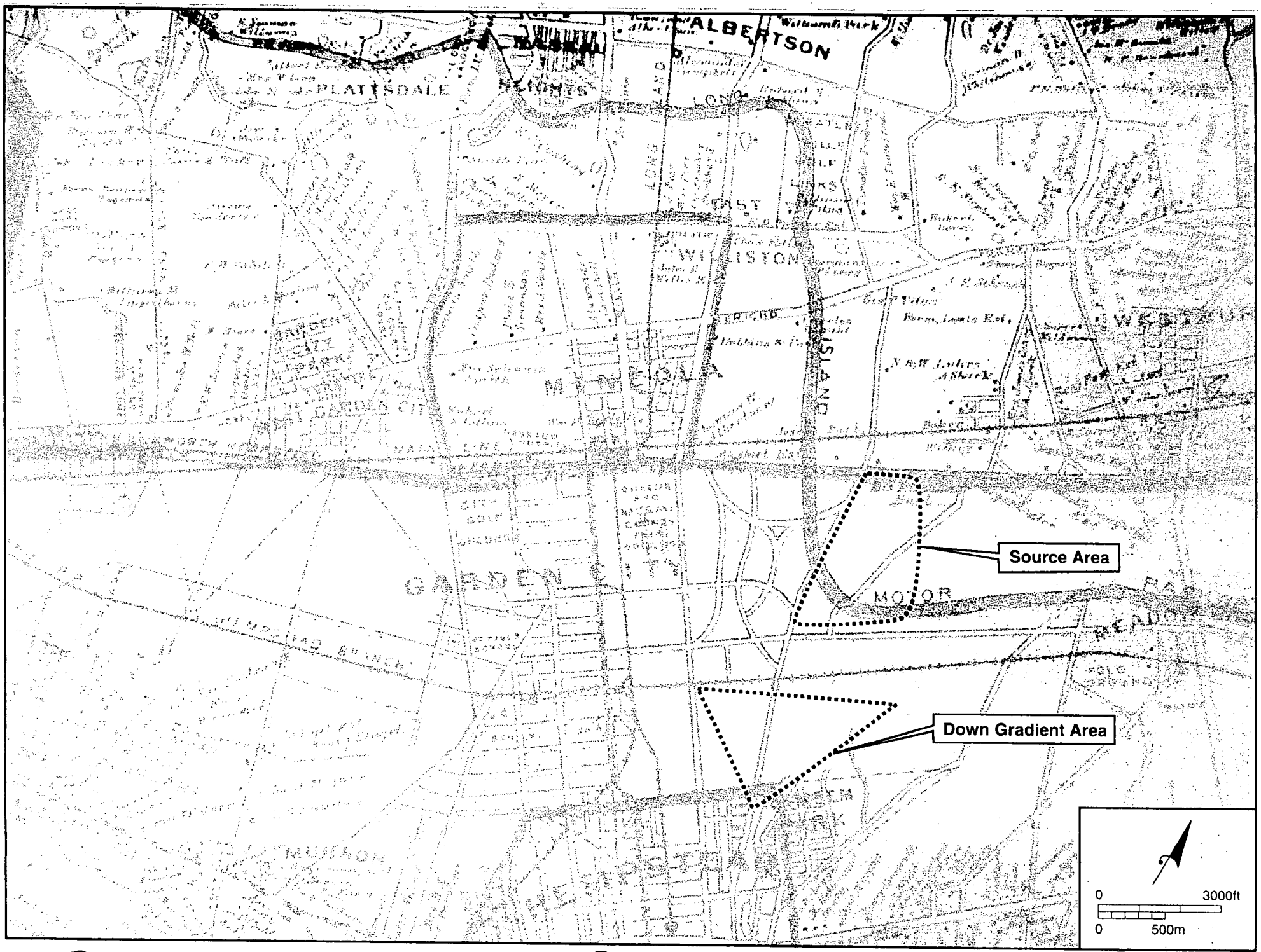


Figure [redacted] ail of the 1906 Hyde *Map of Long Island* showing the location [redacted] Source Area and the Down Gradient Area. [redacted]

301674

301675

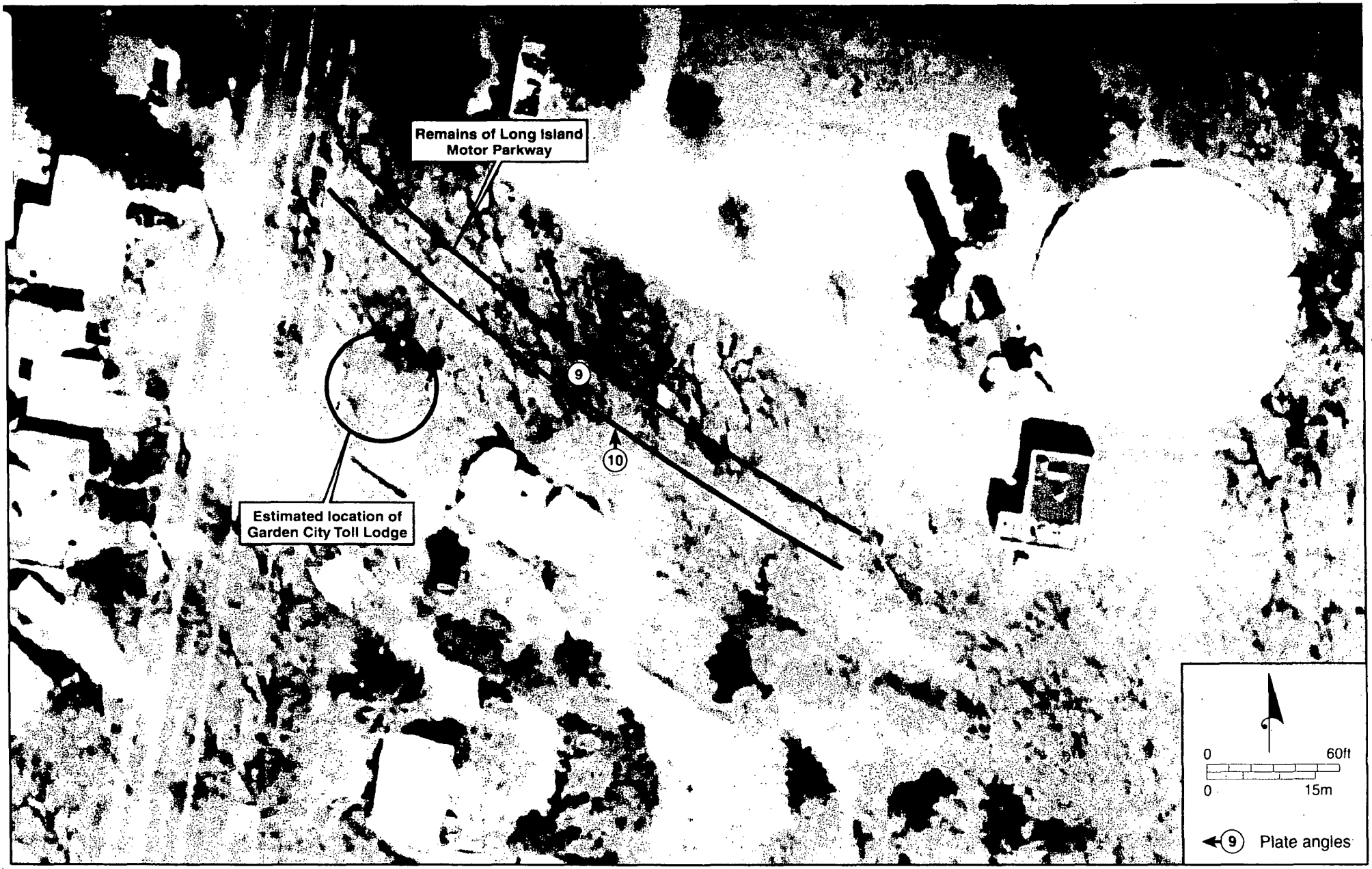


Figure 9. Detail of a 2000 digital orthoimage of the Source Area showing the location of remnants of the Long Island Motor Parkway, as well as the estimated location of the Garden City Toll Lodge.

PLATES

Plate 1. Roosevelt Field Shopping Center (Source Area), view to east.

Plate 2. Village of Garden City water supply wells (Source Area), view to southeast.

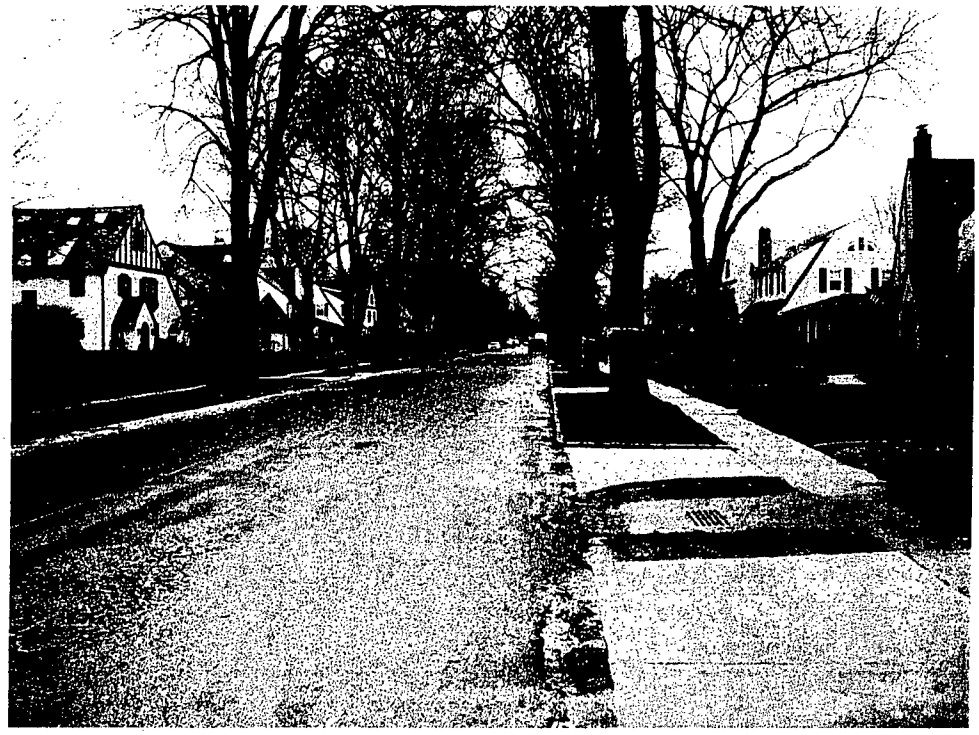


Plate 3. Locust Street (Down Gradient Area), view east from Clinton Avenue.

Plate 4. Poplar Street (Down Gradient Area), view west from Tremont Street.

Plate 5. Garden City Toll Lodge (Long Island Motor Parkway), which was relocated to 7th Avenue and houses the Garden City Chamber of Commerce.

Plate 6. Undeveloped northwest portion of the Source Area, view to west.

Plate 7. Undeveloped southwest portion of the Source Area, view to east.

Plate 8. Undeveloped southwest portion of the Source Area, view to east.

Plate 9. Remnant of the roadbed and guard rail of the Long Island Motor Parkway in the Source Area, view to southeast.

Plate 10. Cement guard rail post from the Long Island Motor Parkway (Source Area), view to north.

KEY TO ABBREVIATIONS USED IN APPENDIX A

Class. = Classification

B = Building

Deter. = Determination

I = Individually Eligible

L = Listed on the State and National Register of Historic Places

U = Undetermined

N = Not Eligible

USN	Class.	BF	Street Address/Location/Bldg. Name	Deter.	NR Ref. No.	SR Date	NR Date	NHL Date
05921.000097	B		BLODGETT HALL ADELPHI UNIVERSITY	I				
05921.000094	B		CAMBRIDGE AVE BLODGETT HALL ADELPHI UNIVERSITY	I				
05921.000095	B		CAMBRIDGE AVE LEVERMORE HALL ADELPHI UNIVERSITY	I				
05921.000096	B		Cambridge Ave Woodruff Hall Adelphi University	I				
05921.000068			CATHEDRAL AVE WEST SIDE; BETWEEN 6TH AND 7TH ST					
05921.000090			CATHEDRAL AVE CATHEDRAL OF THE INCARNATION	L	91NR00240	6/23/1980	11/14/1978	
05921.000067			CATHEDRAL AVE GARDEN CITY CLUB (GARDEN CITY CASINO) EAST SIDE; NORTHSIDE SEVENTH ST					
05921.000069			32 CATHEDRAL AVE APOSTLE CATHEDRAL CORP RES	L	91NR00219	6/23/1980	11/14/1978	
05921.000091			36 CATHEDRAL AVE DIOCESAN HOUSE - CATHEDRAL CORP (SEE HSE)	L	91NR00240	6/23/1980	11/14/1978	
05921.000070			37 CATHEDRAL AVE CATHEDRAL SCHOOL OF ST.MARY	L	91NR00222	6/23/1980	11/14/1978	
05921.000121	B		125 CEDAR ST	U				
05921.000051			CHERRY HILL AVE EAST SIDE; AT INTERSECTION OF NINTH ST NORTH SIDE					
05921.000004			CHESTNUT ST LONG ISLAND RAIL ROAD CHESTNUT STREET BRIDGE GARDEN CITY					
05921.000005			CLINTON RD OXFORD PENDAFLEX					
05921.000125	B		100 COUNTY COURTHOUSE RD	U				
05921.000122	B		125 COUNTY COURTHOUSE RD	U				
05921.000123	B		89 COUNTY COURTHOUSE RD	U				
05921.000124	B		91 COUNTY COURTHOUSE RD	U				
05921.000137	B		100 County Seat Dr	N				
05921.000138	B		101 County Seat Dr	N				

USN	Class.	BF	Street Address/Location/Bldg. Name	Deter.	NR Ref. No.	SR Date	NR Date	NHL Date
05921.000139	B		200 County Seat Dr	N				
05921.000140	B		400 County Seat Dr	N				
05921.000088			103 ELEVENTH ST WATERWORKS	L	91NR00238	6/23/1980	11/14/1978	
05921.000130	B		109 ELEVENTH ST APOSTLE HOUSE	L	94NR00755	12/19/1994	2/16/1995	
05921.000014			10 FIFTH PL BRAISTED RES					
05921.000015			12 FIFTH PL HORTON RES					
05921.000016			14 FIFTH PL FITCH RES					
05921.000033			105 FIFTH ST RES.					
05921.000034			107 FIFTH ST BERGWELL RES.	L	91NR00194	6/23/1980	11/14/1978	
05921.000035			109 FIFTH ST DUNNE RES	L	91NR00195	6/23/1980	11/14/1978	
05921.000036			111 FIFTH ST SPENCER RES	L	91NR00196	6/23/1980	11/14/1978	
05921.000037			113 FIFTH ST RES.					
05921.000038			115 FIFTH ST O'CONNER RES	L	91NR00197	6/23/1980	11/14/1978	
05921.000025			86 FIFTH ST CATHEDRAL CORP RES	L	91NR00190	6/23/1980	11/14/1978	
05921.000026			87 FIFTH ST RESIDENCE					
05921.000027			89 FIFTH ST APOSTLE - CATHEDRAL CORP RES	L	91NR00192	6/23/1980	11/14/1978	
05921.000028			90 FIFTH ST JESSEN RES.					
05921.000029			91 FIFTH ST RESIDENCE					
05921.000030			93 FIFTH ST RESIDENCE					
05921.000031			94 FIFTH ST POLLEY RES.	L	91NR00193	6/23/1980	11/14/1978	

USN	Class.	BF	Street Address/Location/Bldg. Name	Deter.	NR Ref. No.	SR Date	NR Date	NHL Date
05921.000032			95 FIFTH ST RESIDENCE					
05921.000092			FOURTH ST CARRIAGE HOUSE BEHIND SEE HSE. CATHEDRAL PARRK ,FOURTH ST	L	91NR00240	6/23/1980	11/14/1978	
05921.000093			FOURTH ST MERCER SCHOOL OF THEOLOGY NORTH SIDE; WEST OF CATHEDRAL AVE					
05921.000020			70 FOURTH ST IRACE RES					
05921.000021			72 FOURTH ST BOCKLET RES.					
05921.000022			74 FOURTH ST IRWIN RES					
05921.000023			76 FOURTH ST MOYERS RES					
05921.000024			78 FOURTH ST REID RES					
05921.000129	B		1122 FRANKLIN AVE ROOSEVELT SAVINGS BANK	N				
05921.000142	B		1490 Franklin Ave	N				
05921.000003			1550 FRANKLIN AVE OLD NASSAU COUNTY COURTHOUSE	L	90NR01702	6/23/1980	2/17/1978	
05921.000131	B		1581 FRANKLIN AVE					
05921.000006			501 FRANKLIN AVE DOUBLEDAY & COMPANY, INC.					
05921.000127			600 FRANKLIN AVE U S POST OFFICE--GARDEN CITY	L	90NR01704	5/11/1989	5/11/1989	
05921.000082			105 HILTON AVE BAMBERY RES	L	91NR00234	6/23/1980	11/14/1978	
05921.000083			111 HILTON AVE DOYLE RES	L	91NR00235	6/23/1980	11/14/1978	
05921.000084			112 HILTON AVE FRAZER RES	L	91NR00236	6/23/1980	11/14/1978	
05921.000085			113 HILTON AVE DISCIPLE - BREED RESIDENCE	L	91NR00237	6/23/1980	11/14/1978	
05921.000086			114 HILTON AVE TEDESCO RESIDENCE					
05921.000087			116 HILTON AVE RESIDENCE					

USN	Class.	BF	Street Address/Location/Bldg. Name	Deter.	NR Ref. No.	SR Date	NR Date	NHL Date
05921.000075			4 HILTON AVE MACLEOD RES	L	91NR00228	6/23/1980	11/14/1978	
05921.000071			40 HILTON AVE APOSTLE FITZPATRICK RES	L	91NR00220	6/23/1980	11/14/1978	
05921.000072			41 HILTON AVE MCGINITY RES	L	91NR00224	6/23/1980	11/14/1978	
05921.000073			42 HILTON AVE JOSEPH RES	L	91NR00225	6/23/1980	11/14/1978	
05921.000074			43 HILTON AVE HOWE RES	L	91NR00226	6/23/1980	11/14/1978	
05921.000076			45 HILTON AVE MILLAGEN RES	L	91NR00229	6/23/1980	11/14/1978	
05921.000077			47 HILTON AVE HESTON RES	L	91NR00230	6/23/1980	11/14/1978	
05921.000078			48 HILTON AVE FARQUHARSON RES	L	91NR00231	6/23/1980	11/14/1978	
05921.000079			49 HILTON AVE MUNKENBECK RES	L	91NR00232	6/23/1980	11/14/1978	
05921.000080			53-55 HILTON AVE KATZ BLDG - HILTON ASSOC.	L	91NR00233	6/23/1980	11/14/1978	
05921.000081			59-65 HILTON AVE HUBBELL BLDG					
05921.000143	B		74 Kingsbury Rd Private Residence, ca. 1938 Mott Area	N				
05921.000053			NINTH ST SOUTH SIDE; AT INTERSECTION OF HILTON AVE; EAST SIDE					
05921.000056			104 NINTH ST COLLINS RES.	L	91NR00208	6/23/1980	11/14/1978	
05921.000057			105 NINTH ST WEIGL RES	L	91NR00210	6/23/1980	11/14/1978	
05921.000058			106 NINTH ST TESSIER RES	L	91NR00213	6/23/1980	11/14/1978	
05921.000059			107 NINTH ST RES					
05921.000060			108 NINTH ST HILL RES	L	91NR00214	6/23/1980	11/14/1978	
05921.000061			109 NINTH ST BRAREN RES	L	91NR00215	6/23/1980	11/14/1978	
05921.000062			110 NINTH ST PATRICK RES.	L	91NR00216	6/23/1980	11/14/1978	

USN	Class.	BF	Street Address/Location/Bldg. Name	Deter.	NR Ref. No.	SR Date	NR Date	NHL Date
05921.000063			111 NINTH ST RES					
05921.000064			112 NINTH ST PIETSCHMAND RES	L	91NR00217	6/23/1980	11/14/1978	
05921.000065			113 NINTH ST HEALY RES	L	91NR00218	6/23/1980	11/14/1978	
05921.000066			115 NINTH ST RES					
05921.000052			91 NINTH ST RES.					
05921.000054			93 NINTH ST DEAMONT RES.	L	91NR00206	6/23/1980	11/14/1978	
05921.000055			95 NINTH ST NAGLE RES	L	91NR00207	6/23/1980	11/14/1978	
05921.000136	B		252-272 Old Country Rd Nassau County Courthouse & Office Complex	I				
05921.000017			15 ROCKAWAY RD KLEIN RES	L	91NR00188	6/23/1980	11/14/1978	
05921.000018			24 ROCKAWAY RD CLOEMAN RES	L	91NR00189	6/23/1980	11/14/1978	
05921.000019			31 ROCKWAY RD DINOTO RES					
05921.000050			SEVENTH ST GARDEN CITY LONG ISLAND RAIL ROAD STATION SOUTH SIDE; BETWEEN CATHEDRAL AND HILTON AVE					
05921.000049			SEVENTH ST GARDEN CITY PUBLIC LIBRARY SOUTH SIDE; AT INTERSECTION HILTON AVE; WEST SIDE					
05921.000001			SEVENTH ST MCKIM MEAD & WHITE GARDEN CITY HOTEL (DEMOLISHED)					
05921.000128	B		111 SEVENTH ST HAMPSHIRE HOUSE	N				
05921.000044			104 SIXTH ST KERN RESIDENCE	L	91NR00202	6/23/1980	11/14/1978	
05921.000045			106 SIXTH ST MCCARTEN RESIDENCE	L	91NR00203	6/23/1980	11/14/1978	
05921.000046			108 SIXTH ST RESIDENCE					
05921.000047			110 SIXTH ST WITHERSTINE RES.	L	91NR00204	6/23/1980	11/14/1978	
05921.000048			114 SIXTH ST GARDENER RES	L	91NR00205	6/23/1980	11/14/1978	

USN	Class.	BF	Street Address/Location/Bldg. Name	Deter.	NR Ref. No.	SR Date	NR Date	NHL Date
05921.000039			82 SIXTH ST DISCIPLE CATHEDRAL CROP RES	L	91NR00198	6/23/1980	11/14/1978	
05921.000040			84 SIXTH ST CATHEDRAL CROP RES.	L	91NR00199	6/23/1980	11/14/1978	
05921.000041			86 SIXTH ST CATH. CROP RES.	L	91NR00200	6/23/1980	11/14/1978	
05921.000042			92 SIXTH ST RES.					
05921.000043			94 SIXTH ST DIS. LN RES.	L	91NR00201	6/23/1980	11/14/1978	
05921.000132			ST JAMES ST CHESTNUT ST LIRR BRIDGE 62-0-200 LIRR HEMPSTEAD BRANCH OVER ST JAMES ST & CHESTNUT ST	N				
05921.000112	B		STEWART AVE NORTH SIDE; WASHINGTON AVE; EAST SIDE	U				
05921.000111	B		STEWART AVE JR HIGH SCHOOL SOUTH SIDE; CHERRY VALLEY; WEST SIDE	U				
05921.000110	B		STEWART AVE STEWART SCHOOL NORTH SIDE; CLINTON; EAST SIDE	U				
05921.000089			295 STEWART AVE SAINT PAUL'S SCHOOL	L	91NR00239	6/23/1980	11/14/1978	
05921.000133	B		360 STEWART AVE APARTMENT BLDG, 4-STORY, BRICK	N				
05921.000118	B		384 STEWART AVE	U				
05921.000119	B		385 STEWART AVE	U				
05921.000120	B		389 STEWART AVE	U				
05921.000098	B		390 STEWART AVE	U				
05921.000099	B		395 STEWART AVE	U				
05921.000100	B		396 STEWART AVE	U				
05921.000101	B		400 STEWART AVE	U				
05921.000102	B		401 STEWART AVE	U				
05921.000103	B		408 STEWART AVE	U				

USN	Class.	BF	Street Address/Location/Bldg. Name	Deter.	NR Ref. No.	SR Date	NR Date	NHL Date
05921.000104	B		409 STEWART AVE	U				
05921.000105	B		410 STEWART AVE	U				
05921.000106	B		411 STEWART AVE	U				
05921.000107	B		414 STEWART AVE	U				
05921.000108	B		415 STEWART AVE	U				
05921.000109	B		421 STEWART AVE	U				
05921.000134	B		501 Stewart Ave Stewart Avenue Elementary School (1950?)	U				
05921.000135	B		97 Stratford Ave Stratford Avenue Elementary School	I				
05921.000007			THIRD PL GARDEN CITY WORKERS COTTAGES SURVEY DISTRICT ALSO ON FIRST AND FIFTH PLACES					
05921.000010			11 THIRD PL METZGER RESIDENCE					
05921.000011			12 THIRD PL HEIDEBERGER RES					
05921.000012			13 THIRD PL NELSON RES					
05921.000002			14 THIRD PL JOHNSON RESIDENCE					
05921.000013			15 THIRD PL BYRNE RES					
05921.000009			8 THIRD PL DACEY RESIDENCE					
05921.000008			8 THIRD PL FAY RESIDENCE					
05921.000115	B		104 WASHINGTON AVE	U				
05921.000116	B		125 WASHINGTON AVE	U				
05921.000113	B		87 WASHINGTON AVE	U				
05921.000114	B		92 WASHINGTON AVE	U				

USN	Class.	BF	Street Address/Location/Bldg. Name	Deter.	NR Ref. No.	SR Date	NR Date	NHL Date
05921.000141	B		1 West St	N				
05921.000117	B		2 WYATT RD	U				

Appendix J

Appendix J

NYSDEC Threatened/Endangered Species Letter

301692

New York State Department of Environmental Conservation
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • **FAX:** (518) 402-8925
Website: www.dec.state.ny.

Denise M. Sheehan
Commissioner

September 19, 2006

RECEIVED
SEP 2 1 2006
CAMP, DRESSER & McKEE
EDISON, NEW JERSEY

George C. Molnar
CDM Federal Programs Corp.
Raritan Plaza 1, Raritan Plaza
Wsison, NJ 08818-3142

Dear. Mr. Molnar:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to an Environmental Assessment for the proposed Remedial Investigation/Feasibility Study - Old Roosevelt Field Contaminated Groundwater Site, area as indicated on the map you provided, located in Garden City, Nassau County.

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

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

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

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

Sincerely,

Tara Scoane

Tara Scoane, Information Services
NY Natural Heritage Program

Enc.
cc: Reg. 1, Wildlife Mgr.
Peter Nye, Endangered Species Unit, Albany

NY Natural Heritage Program, NYS DEC, 625 Broadway, 5th Floor, Albany, NY
12233-4757
(518) 402-8935

This record is within 5 miles of the project site.

-This report contains **SENSITIVE** information that may not be released to the public without permission from the NY Natural Heritage Program.
-Refer to the User's Guide for explanations of codes, ranks and fields.
-Location maps for certain species and communities may not be provided if 1) the species is vulnerable to disturbance, 2) the location and/or extent is not precisely known, and/or 3) the location and/or extent is too large to display.

Natural Heritage Report on Rare Species and Ecological Communities

COMMUNITIES

Hempstead Plains grassland

This occurrence of Hempstead Plains Grassland is considered significant from a statewide perspective by the NY Natural Heritage Program. It is either an occurrence of a community type that is rare in the state or a high quality example of a more common community type. By meeting specific, documented significance criteria, the NY Natural Heritage Program considers this occurrence to have high ecological and conservation value.

Office Use 3856

NY Legal Status:	Unlisted	**NYS Rank:**	S1;
Federal Listing:		**Global Rank:**	G1Q;
Last Report:	1999-10-04	**EO Rank:**	
County:	Nassau		
Town:	Hempstead		
Location:	Mitchel Field		

Directions: Take Long Island Expressway to exit 38 (for Meadowbrook Parkway south), follow signs approximately 5 miles south to Nassau Coliseum. Take Meadowbrook Parkway exit 4 to Lindberg Boulevard west. Turn north (right) on perimeter road (south entrance to Nassau Community College). Look for Hempstead Plains Grassland sign and park along the west side of the fence. Obtain permission and the gate lock combination from the Long Island chapter of the Nature Conservancy. The patch on the south side of the boulevard may be accessed by parking on the boulevard south shoulder and walking south through openings in the fence. It may be necessary to to contact Nassau County to obtain legal access to the area.

General Quality and Habitat: This is the last known remnant of hempstead plains grassland. The north patch has about 16 acres in good condition and the south patch has about 20 acres in poor condition. The community is surrounded by dense urban development. If invasive herbs and shrubs were controlled/removed and if the grassland on the south side was enlarged and improved, this community may be restorable to a "C" rank. This community occurs in two patches. The 16 acre patch north of Charles Lindbergh Boulevard is in good condition and contains good populations of characteristic species. The patch south of the boulevard is in poor condition and forms a mosaic with successional old field and successional shrubland. Perhaps as much as 20 acres on the south side of the boulevard is restorable to fair quality Hempstead Plains grassland. Between the two patches on the north side shoulder of the boulevard is a 10 acre patch of mugwort (Artemesia vulgaris). To the west of the southern patch is a level, rectangular, 30 acre patch of successional old field dominated by goldenrod (Solidago spp.) that appears to be recovering from past excavation. Further west is the Nassau Coliseum. To the north is the nassau community college. To the east is the meadowbrook parkway and eisenhower park. Grassland patches are embedded within a continuous residential, commercial and industrial developed landscape.

1 Records Processed

301694

NY Natural Heritage Program, NYS DEC, 625 Broadway, 5th Floor,
Albany, NY 12233-4757
(518) 402-8935

These records are within 2 miles of the project site.

HISTORICAL RECORDS:

No recent information; Precise locations unknown; Current status unknown.

~Because precise locations are unknown, no maps are provided for these records.
~Refer to the User's Guide for explanations of codes, ranks and fields.

Natural Heritage Report on Rare Species and Ecological Communities

VASCULAR PLANTS

Digitaria filiformis

Slender Crabgrass

				Office Use
NY Legal Status:	Threatened	NYS Rank:	S1; Critically imperiled	9563
Federal Listing:		Global Rank:	G5; Demonstrably secure	M
Last Report:	1899-09-21	EO Rank:	Historical, no recent information	
County:	Nassau			
Town:	North Hempstead			
Location:	East Williston			
Directions:	East Williston Long Island (Hempstead).			
General Quality and Habitat:				

Digitaria filiformis

Slender Crabgrass

				Office Use
NY Legal Status:	Threatened	NYS Rank:	S1; Critically imperiled	3976
Federal Listing:		Global Rank:	G5; Demonstrably secure	M
Last Report:	1922-09-11	EO Rank:	Failed to find but search more	
County:	Nassau			
Town:	Hempstead			
Location:	Hempstead			
Directions:	Hempstead.			
General Quality and Habitat:	Failed to find.			

Gentiana saponaria

Soapwort Gentian

				Office Use
NY Legal Status:	Endangered	NYS Rank:	S1; Critically imperiled	10474
Federal Listing:		Global Rank:	G5; Demonstrably secure	M
Last Report:	1923-09-30	EO Rank:	Failed to find but search more	
County:	Nassau			
Town:	Hempstead			
Location:	Hempstead			
Directions:	Hempstead, northeast of watertower.			
General Quality and Habitat:	Failed to find. Damp Hempstead Plains.			

Helianthus angustifolius

Office Use 3364 M

Swamp Sunflower

NY Legal Status: Threatened
Federal Listing:
Last Report: 1919-09-01

NYS Rank: S2; Imperiled
Global Rank: G5; Demonstrably secure
EO Rank: Failed to find but search more

County: Nassau
Town: Hempstead
Location: Hempstead
Directions: Hempstead. East of Hempstead. Pumping station.
General Quality and Habitat: Failed to find. Moist gravely "plains", Sphagnum bog.

4 Records Processed

NY Natural Heritage Program, NYS DEC, 625 Broadway, 5th Floor, Albany, NY
12233-4757
(518) 402-8935

These records are within 2 miles of the project site.

[redacted]eport contains SENSITIVE information that may not be released to the public without permission from the NY Natural Heritage Program.
[redacted] to the User's Guide for explanations of codes, ranks and fields.
-Location maps for certain species and communities may not be provided if 1) the species is vulnerable to disturbance, 2) the location and/or extent is not precisely known, and/or 3) the location and/or extent is too large to display.

Natural Heritage Report on Rare Species and Ecological Communities

BIRDS

Bartramia longicauda

Upland Sandpiper

Office Use 10925

NY Legal Status:	Threatened	**NYS Rank:**	S3B; Vulnerable
Federal Listing:		**Global Rank:**	G5; Demonstrably secure
Last Report:	**	**EO Rank:**	**

ESU

County: Nassau
Town: Hempstead
Location: Mitchel Field, Hempstead Plains
Directions: The birds were observed at Mitchel Field. From the intersection of Route 102 and Ovington Boulevard in Hempstead, go north on Ovington Boulevard toward Nassau Community College, to the second intersection with Charles Lindberg Boulevard. Go east on Charles Lindberg Boulevard for approximately 0.35 miles. The open, grassy disturbed areas where the birds were observed are on both sides of the road.

General Quality and Habitat: **For information on the population at this location and management considerations, please contact the NYS DEC Regional Wildlife Manager or NYS DEC Endangered Species Unit at 518-402-8859.

COMMUNITIES

Coastal plain pond shore

[redacted]This occurrence of Coastal Plain Pond Shore is considered significant from a statewide perspective by the NY Natural Heritage Program. It is either an occurrence of a community type that is rare in the state or a high quality example of a more common community type. By meeting specific, documented significance criteria, the NY Natural Heritage Program considers this occurrence to have high ecological and conservation value.

Office Use 3574

NY Legal Status:	Unlisted	**NYS Rank:**	S2;
Federal Listing:		**Global Rank:**	G3G4;
Last Report:	2001-08-24	**EO Rank:**	

County: Nassau
Town: Hempstead
Location: Hempstead Lake
Directions: From exit 18 on the Southern State Parkway, go south on Lake Drive about 0.3 mi to a parking area 1. Park at the north end of the parking lot. Cross Lake Drive. Walk east down the overgrown path to Hempstead Lake. The pond shore is at the north end of the lake.

General Quality and Habitat: This is a large moderately diverse pond shore with invasive plants at the edge in a small natural area surrounded by dense urban development. The community is in an unnatural setting on a dammed up stream. A large moderately diverse coastal plain pond shore with invasive plants at the edge. The pond shore is located at the north end of Hempstead Lake which is a 113-acre lake that was created by the damming of a stream in the 1800s. The Southern State Parkway occurs very near the north edge of the pond shore. A very narrow shrub swamp occurs around the south edge of Hempstead Lake.

MOTHS

[redacted]

Datana ranaeceps

A Hand-maid Moth

Office Use 7434

NY Legal Status: Unlisted
NYS Rank: S1S3; Critically imperiled
Federal Listing:
Global Rank: G3G4; Vulnerable
Last Report: 1991-07-19
EO Rank: Good
County: Nassau
Town: Hempstead
Location: Mitchel Field
Directions: From Meadowbrook Parkway south, take exit 4 to Nassau Community College. Park at the south end of the lot. Walk east along the parkway, cross to the south side of the road and brook, cross the guard rail,S and follow a path to the grassland.
General Quality and Habitat: Degraded remnant of Hempstead Plains grassland with Panicum Andropogon, Agalinis acuta, Helianthemum dumosum and Lyonia mariana scattered throughout.

VASCULAR PLANTS

Agalinis acuta

Sandplain Gerardia

Office Use 3881

NY Legal Status: Endangered
NYS Rank: S1; Critically imperiled
Federal Listing: Endangered
Global Rank: G1; Critically imperiled
Last Report: 2004-su
EO Rank: Good
County: Nassau
Town: Hempstead
Location: Mitchel Field
Directions: From the Meadowbrook Parkway, take the M4S exit to the Lindbergh Boulevard ramp, approximately 0.2 mile from the parkway and 0.1 mile before the entrance to Nassau Community College. The plants are north and south of the Lindbergh Boulevard ramp in foursub-populations.
General Quality and Habitat: There are thousands of plants in a disturbed area. A Hempstead Plains remnant dominated by grasses and composites with scattered shrubs. The site was scraped by a bull dozer in recent years. The area is dominated by Andropogon and is about 50% bare. Associated species: Hypericum gentianoides, Polygala nuttallii, Andropogon scoparius, Viola fimbriatula. Lespedeza cuneata and Euphorbia cyparissias are gradually invading the area. In May 1999 and June 2000 herbicide was applied using a wick applicator at the big and small sub-population sites.

Aletris farinosa

Stargrass

Office Use 5028

NY Legal Status: Threatened
NYS Rank: S2; Imperiled
Federal Listing:
Global Rank: G5; Demonstrably secure
Last Report: 1997-09-08
EO Rank: Fair
County: Nassau
Town: Hempstead
Location: Mitchel Field
Directions: From the junction of Hempstead Turnpike and Meadowbrook Parkway, go northwest 0.4 mi to the grassland south of the Feeder Road to the the Nassau Coliseum. The plants are near the old dirt bike trails. North group: The plants are in the same area as Scleria pauciflora var. caroliniana and Agalinis. South group: The plants are with Aster spectabilis.
General Quality and Habitat: This is a small population in marginal but manageable habitat. The plants are in a disturbed grassland with many dirtbike trails.

Asclepias viridiflora

[redacted]en Milkweed

Office Use 7987

NY Legal Status:	Threatened	**NYS Rank:**	S2; Imperiled
Federal Listing:		**Global Rank:**	G5; Demonstrably secure
Last Report:	1997-09-08	**EO Rank:**	Fair

SC

County: Nassau
Town: Hempstead
Location: Mitchel Field
Directions: From east of Garden City, go to the junction of Stewart Avenue and Meadowbrook State Parkway then SSE 0.5 miles to the southeast of the remnant runway. The plants are at the east end of the runway and slightly to the north. 1925 specimen label: Hempstead Plains, Garden City.

General Quality and Habitat: Four plants were seen in poor habitat. The condition is poor and threats high. The plants are in a remnant Hempstead plains grassland along a service road and remnant runway. There is locally heavy dumping. Asociated species: Andropogon scoparius, Potentilla recta and other grass species.

Carex mesochorea

Midland Sedge

Office Use 10375

NY Legal Status:	Endangered	**NYS Rank:**	S2; Imperiled
Federal Listing:		**Global Rank:**	G4G5; Apparently secure
Last Report:	1985-05-22	**EO Rank:**	Extant

County: Nassau
Town: Hempstead
Location: Mitchel Field
Directions: The specimen was collected from the Hempstead Plains Grassland north of Lindbergh Boulevard, but no exact location was noted.

General Quality and Habitat: There was one plant from a collection bag. The plants are in the Hempstead plains grassland.

Desmodium ciliare

[redacted]e-leaf Tick-[redacted]il

Office Use 3679

NY Legal Status:	Threatened	**NYS Rank:**	S2S3; Imperiled
Federal Listing:		**Global Rank:**	G5; Demonstrably secure
Last Report:	1997-09-08	**EO Rank:**	Fair

County: Nassau
Town: Hempstead
Location: Mitchel Field
Directions: Take exit M4S of the Meadowbrook Parkway. Group 1: The plants are along the exit ramp 0.2 mi from the parkway 0.1 mi before entrance to Nassau Community College. The plants are at the top of highway embankment near the hotel parking lot. Group 2: The plants are a little further southeast near the Scleria pauciflora opening.

General Quality and Habitat: This is a good population inside a nature preserve. The plants are in a coastal plain grassland with lots of disturbance. Associated species: Carex pensylvanica, Schizocharium scoparium.

Helianthemum dumosum

Bushy Rockrose

Office Use 3780

NY Legal Status:	Threatened	**NYS Rank:**	S2; Imperiled
Federal Listing:		**Global Rank:**	G3; Vulnerable
Last Report:	2003-05-19	**EO Rank:**	Fair

County: Nassau
Town: Hempstead
Location: Mitchel Field
Directions: Group 1: From the entrance to the northern half of the site, walk south and cross the boulevard to the other sidewalk on the south side. Walk east until an opening in the chain-link fence is visible before the crossover in the boulevard. Walk east on the ATV trails south of the fence to an opening past a large pine island with a homeless encampment at the north end. The dirt bike trail then turns south here. The plants are at the south end of the area enclosed by the snow fence. Group 2: The plants are also within the grassland north of Lindbergh Boulevard southeast of the old runway and north of the cement culvert by the parkway.

[redacted]

General Quality and Habitat: There are many plants in degraded habitat. A grassland remnant dissected by dirt bike trails. The plants were in mossy openings in a patch of Panicum virgatum with Carex pensylvanica and some small Betula populifolia. Other associated species: Helianthemum canadense, Lyonia mariana and not much else.

Scleria pauciflora var. caroliniana

Few-flowered Nutrush

Office Use 2569

NY Legal Status: Endangered
NYS Rank: S1; Critically imperiled
Federal Listing:
Global Rank: G5T4T5; Apparently secure
Last Report: 1997-09-08
EO Rank: Good or Fair
County: Nassau
Town: Hempstead
Location: Mitchel Field
Directions: From the junction of Hempstead Turnpike and Meadowbrook Parkway, go northwest 0.4 mi to the grassland junction south of the Feeder Road to Nassau Coliseum. The plants are located in three locations. North group: The plants are north of the Feeder Road just east of the Agalinis population. Southeast group: The population is south of Feeder Road just south of an ATV trail south of the fence. Southwest group: The population is in an open sandy natural area just east of the hotel parking.

General Quality and Habitat: This is a good population in fair habitat with dirt bike trails. The plants are in a disturbed grassland with many dirt bike trails. Associated species: Schizachyrium scoparius, Panicum virgatum, Rubus sp., Eupatorium hyssopifolius, Solidago nemoralis, Euthamia tenuifolius, Polygonum nuttallii, Viola fimbriatula, Trichostema dichotomum, Sisyrinchium sp., and Aletris farinosa. The soil is pebbly.

Sericocarpus linifolius

Flax-leaf Whitetop

Office Use 500

NY Legal Status: Threatened
NYS Rank: S2; Imperiled
Federal Listing:
Global Rank: G5; Demonstrably secure
Last Report: 1997-09-08
EO Rank: Fair
County: Nassau
Town: Hempstead
Location: Mitchel Field
Directions: At Hempstead Plains, park at the Marriott and walk east to the ATV trail area near Meadowbrook Parkway. The plants are halfway between Lindbergh and Hempstead Turnpike, next to the ATV trail west of a few trees at the top of a grassy slope.

General Quality and Habitat: There are 4 plants along an ATV trail. The plants are in a little bluestem area laced with ATV trails. Associated species: goldenrods, Aletris and Rubus nearby.

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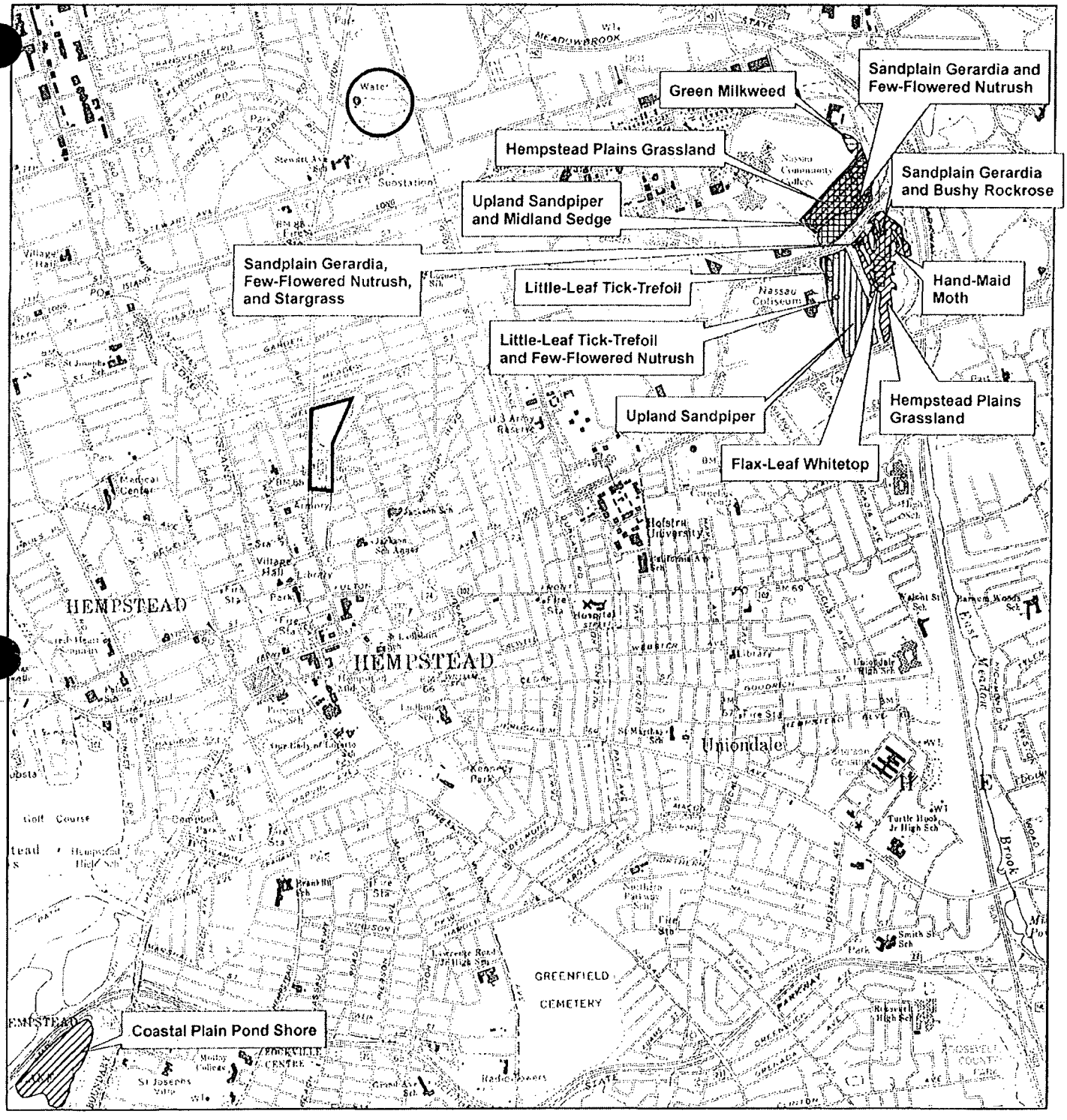
11 Records Processed

301700

Natural Heritage Map of Rare Species and Ecological Communities

Prepared September 18, 2006 by NY Natural Heritage Program, NYS DEC, Albany, NY



Legend

Project Site

NY Natural Heritage Program Database Records*

- Animal
- Plant
- Community

1:30,000

0 0.15 0.3 0.6 0.9 Miles

*The locations that are displayed are considered sensitive and cannot be released to the public without permission. We do not provide map locations for all records. Please see report for details.

N W E S

301701

DIVISION OF ENVIRONMENTAL PERMITS REGIONAL OFFICES

January 2004

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

7	Cayuga, Madison, Onondaga & Oswego	John Feltman NYS-DEC 615 Erie Blvd. West (Env.Permits Room 206) Syracuse, NY 13204-2400 Telephone: (315) 426-7438
7 (sub-office)	Broome, Chenango, Cortland, Tioga & Thompkins	Michael Barylski* NYS-DEC 1285 Fisher Avenue Cortland, NY 13045-1090 Telephone: (607) 753-3095
8	Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne & Yates	Peter Lent NYS-DEC 6274 East Avon Lima Road Avon, NY 14414-9519 Telephone: (585) 226-2466
9	Erie, Niagara & Wyoming	Steve Doleski NYS-DEC 270 Michigan Avenue Buffalo, NY 14203-2999 Telephone: (716) 851-7165
9 (sub-office)	Allegany, Cattaraugus, Chautauqua	Ken Taft* NYS-DEC 182 East Union, Suite 3 Allegany, NY 14706-1328 Telephone: (716) 372-0645

* Deputy Regional Permit Administrator

USERS GUIDE TO NY NATURAL HERITAGE DATA

New York Natural Heritage Program, 625 Broadway, 5th Floor, Albany, NY 12233-4757 phone: (518) 402-8935

NATURAL HERITAGE PROGRAM: The NY Natural Heritage Program is a partnership between the NYS Department of Environmental Conservation (NYS DEC) and The Nature Conservancy. Our mission is to enable and enhance conservation of rare animals, rare plants, and significant communities. We accomplish this mission by combining thorough field inventories, scientific analyses, expert interpretation, and the most comprehensive database on New York's distinctive biodiversity to deliver the highest quality information for natural resource planning, protection, and management.

DATA SENSITIVITY: The data provided in the report are ecologically sensitive and should be treated in a sensitive manner. The report is for your in-house use and should not be released, distributed or incorporated in a public document without prior permission from the Natural Heritage Program.

EO RANK: A letter code for the quality of the occurrence of the rare species or significant natural community, based on population size or area, condition, and landscape context.

A-E = Extant: A=Excellent, B=Good, C=Fair, D=Poor, E=Extant but with insufficient data to assign a rank of A-D.
F = Failed to find. Did not locate species during a limited search, but habitat is still there and further field work is justified.
H = Historical. Historical occurrence without any recent field information.
X = Extirpated. Field/other data indicates element/habitat is destroyed and the element no longer exists at this location.
U = Extant/Historical status uncertain.
Blank = Not assigned.

LAST REPORT: The date that the rare species or significant natural community was last observed at this location, as documented in the Natural Heritage databases. The format is most often YYYY-MM-DD.

NY LEGAL STATUS – Animals:

Categories of Endangered and Threatened species are defined in New York State Environmental Conservation Law section 11-0535. *Endangered, Threatened, and Special Concern species are listed in regulation 6NYCRR 182.5.*

E - **Endangered Species**: any species which meet one of the following criteria:
- Any native species in imminent danger of extirpation or extinction in New York.
- Any species listed as endangered by the United States Department of the Interior, as enumerated in the Code of Federal Regulations 50 CFR 17.11.

T - **Threatened Species**: any species which meet one of the following criteria:
- Any native species likely to become an endangered species within the foreseeable future in NY.
- Any species listed as threatened by the U.S. Department of the Interior, as enumerated in the Code of the Federal Regulations 50 CFR 17.11.

SC - **Special Concern Species**: those species which are not yet recognized as endangered or threatened, but for which documented concern exists for their continued welfare in New York. Unlike the first two categories, species of special concern receive no additional legal protection under Environmental Conservation Law section 11-0535 (Endangered and Threatened Species).

P - **Protected Wildlife** (defined in Environmental Conservation Law section 11-0103): wild game, protected wild birds, and endangered species of wildlife.

U - **Unprotected** (defined in Environmental Conservation Law section 11-0103): the species may be taken at any time without limit; however a license to take may be required.

G - **Game** (defined in Environmental Conservation Law section 11-0103): any of a variety of big game or small game species as stated in the Environmental Conservation Law; many normally have an open season for at least part of the year, and are protected at other times.

NY LEGAL STATUS – Plants:

The following categories are defined in regulation 6NYCRR part 193.3 and apply to NYS Environmental Conservation Law section 9-1503.

E - **Endangered Species**: listed species are those with:
- 5 or fewer extant sites, or
- fewer than 1,000 individuals, or
- restricted to fewer than 4 U.S.G.S. 7 ½ minute topographical maps, or
- species listed as endangered by U.S. Dept. of Interior, as enumerated in Code of Federal Regulations 50 CFR 17.11.

T - **Threatened**: listed species are those with:
- 6 to fewer than 20 extant sites, or
- 1,000 to fewer than 3,000 individuals, or
- restricted to not less than 4 or more than 7 U.S.G.S. 7 and ½ minute topographical maps, or
- listed as threatened by U.S. Department of Interior, as enumerated in Code of Federal Regulations 50 CFR 17.11.

R - Rare: listed species have:
- 20 to 35 extant sites, or
- 3,000 to 5,000 individuals statewide.

V - Exploitably vulnerable: listed species are likely to become threatened in the near future throughout all or a significant portion of their range within the state if causal factors continue unchecked.

U - Unprotected; no state status.

FEDERAL STATUS (PLANTS and ANIMALS): *The categories of federal status are defined by the United States* Department of the Interior as part of the 1974 Endangered Species Act (see Code of Federal Regulations 50 CFR 17). The species listed under this law are enumerated in the Federal Register vol. 50, no. 188, pp. 39526 - 39527. The codes below without parentheses are those used in the Federal Register. The codes below in parentheses are created by Heritage to deal with species which have different listings in different parts of their range, and/or different listings for different subspecies or varieties.

(blank) = No Federal Endangered Species Act status.
LE = Formally listed as endangered.
LT = Formally listed as threatened.
C = Candidate for listing.
LE,LT = Formally listed as endangered in part of its range, and as threatened in the other part; or, one or more subspecies or varieties is listed as endangered, and the others are listed as threatened.
LT,PDL = Populations of the species in New York are formally listed as threatened, and proposed for delisting.

GLOBAL AND STATE RANKS (animals, plants, ecological communities and others): Each element has a global and state rank as determined by the NY Natural Heritage Program. These ranks carry no legal weight. The global rank reflects the rarity of the element throughout the world and the state rank reflects the rarity within New York State. Infraspecific taxa are also assigned a taxon rank to reflect the infraspecific taxon's rank throughout the world. ? = Indicates a question exists about the rank. Range ranks, e.g. S1S2, indicate not enough information is available to distinguish between two ranks.

GLOBAL RANK:

G1 - Critically imperiled globally because of extreme rarity (5 or fewer occurrences), or very few remaining acres, or miles of stream) or especially vulnerable to extinction because of some factor of its biology.

G2 - Imperiled globally because of rarity (6 - 20 occurrences, or few remaining acres, or miles of stream) or very vulnerable to extinction throughout its range because of other factors.

G3 – Vulnerable: Either rare and local throughout its range (21 to 100 occurrences), or found locally (even abundantly at some of its locations) in a restricted range (e.g. a physiographic region), or vulnerable to extinction throughout its range because of other factors.

G4 - Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.

G5 - Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.

GH - Historically known, with the expectation that it might be rediscovered.

GX - Species believed to be extinct.

NYS RANK:

S1 - Critically imperiled: Typically 5 or fewer occurrences, very few remaining individuals, acres, or miles of stream, or some factor of its biology making it especially vulnerable in New York State.

S2 – Imperiled: Typically 6 to 20 occurrences, few remaining individuals, acres, or miles of stream, or factors demonstrably making it very vulnerable in New York State.

S3 - Vulnerable: Typically 21 to 100 occurrences, limited acreage, or miles of stream in New York State.

S4 - Apparently secure in New York State.

S5 - Demonstrably secure in New York State.

SH - Historically known from New York State, but not seen in the past 15 years.

SX - Apparently extirpated from New York State.

SxB and SxN, where Sx is one of the codes above, are used for migratory animals, and refer to the rarity within New York State of the breeding (B)populations and the non-breeding populations (N), respectively, of the species.

TAXON (T) RANK: The T-ranks (T1 - T5) are defined the same way as the Global ranks (G1 - G5), but the T-rank refers only to the rarity of the subspecific taxon.

T1 *through* T5 - *See Global Rank definitions above.*

Q - Indicates a question exists whether or not the taxon is a good taxonomic entity.

Appendix K

Appendix K

Full Sample Result Data Tables

301707

Round 1

301708

Roosevelt Field
Groundwater Round 1 - Exceedance Table
Low Detection Limit Volatile Organic Compounds

11/14/2006
Page1

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-2-R1 4/12/2006 400 to 405 ft			GWM-01-3-R1 4/13/2006 370 to 375 ft			GWM-01-4-R1 4/12/2006 315 to 320 ft			GWM-01-5-R1 4/12/2006 290 to 295 ft			GWM-01-6-R1 4/12/2006 250 to 255 ft			GWM-01-7-R1 4/12/2006 200 to 205 ft		
(Group Cod	**(Group Description)**																					
1-LDL-Voc	**LDL-Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	0.5	UJ		0.5	U		0.5	UJ		1.3	UJ		0.5	UJ		0.5	UJ	
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	6.5		A	0.37	J	#	6.8		A	24		A	140		A	1.8		#
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.32	J	#	0.32	J	#	0.64		#	0.55	J	#	0.61		#	0.12	J	#
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.19	J	#	0.5	U		0.13	J	#	0.77	J	#	3.6		#	0.5	U	
67-64-1	Acetone	OLC02-1-V	UG/L	50	5	U		5	U		5	R		13	U		5	U		5	U	
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5	R		0.5	R		0.5	R		1.3	R		0.5	R		0.5	R	
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	1		#	0.5	U		0.5	U		1.3	U		0.5	UJ		0.5	UJ	
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	UJ		0.5	UJ	
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	1		#	0.5	U		1.5		#	8.2		#	30		A	0.84		#
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	1.1		#	2.7		#	1.8		#	0.98	J	#	1.7		#	0.5	U	
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5	U		5	U		5	R		13	U		5	U		5	U	
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.12	J	#	0.5	U		0.2	J	#	1.3	U		0.5	UJ		0.5	UJ	
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.38	J	#	0.93		#	0.51		#	0.26	J	#	0.38	J	#	0.5	U	
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5	U		0.5	U		0.5	U		1.3	U		0.5	UJ		0.5	UJ	
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	0.3	J	#	0.77		#	0.5		#	0.32	J	#	0.49	J	#	0.5	U	
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		13	U		5	U		5	U	
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	0.21	J	#	0.24	J	#	0.38	J	#	0.28	J	#	0.5	U		0.5	U	
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		13	U		5	U		5	U	
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		1.3	U		0.5	UJ		0.5	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	UJ		0.5	U		0.5	UJ		1.3	UJ		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.3	U		0.5	U		0.5	U	

301709

Roosevelt Field
Groundwater Round 1 - Exceedance Table
Low Detection Limit Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-8-R1 4/12/2006 150 to 155 ft	GWM-01-9-R1 4/12/2006 100 to 105 ft	GWM-01-10-R1 4/12/2006 50 to 55 ft	GWM-02-1-R1 4/7/2006 450 to 455 ft	GWM-02-2-R1 4/7/2006 410 to 415 ft	GWM-02-3-R1 4/7/2006 370 to 375 ft
(Group Cod	**(Group Description)**									
1-LDL-Voc	**LDL-Volatile Organic Compounds**									
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	0.5 UJ	0.5 UJ	0.5 UJ	6.6 A	4.7 #	3.5 #
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.31 J #	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.32 J #	0.5 U	0.5 U	1.2 #	58 A	0.95 #
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.46 J #	0.41 J #
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	1.2 J #	0.5 U
67-64-1	Acetone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5 R	0.5 R	0.5 R	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.92 UJ	0.5 UJ	0.5 UJ	0.14 J #	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.19 J #
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	0.5 U	0.5 U	0.5 U	0.96 #	0.34 J #	0.37 J #
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.12 J #	1.2 #	1.1 #
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.97 #	0.86 #	2.7 #
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.5 UJ	0.5 UJ	0.5 UJ	0.45 J #	0.62 #	0.31 J #
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.24 J #	0.31 J #
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.14 J #	0.13 J #	0.5 U
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	22 A	13 A	16 A
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	2.4 #	1.4 #	1.6 #
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-8[illegible]	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-[illegible]	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	[illegible]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

301710

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-4-R1 4/7/2006 330 to 335 ft			GWM-02-5-R1 4/7/2006 290 to 295 ft			GWM-02-6-R1 4/10/2006 250 to 255 ft			GWM-02-6-R1-Dup GWM-20-6-R1 4/10/2006 to			GWM-02-6-R1-2 4/11/2006 250 to 255 ft			GWM-02-6-R1-2-Dup GWM-20-6-R1-2 4/11/2006 to		
(Group Cod	**(Group Description)**																					
1-LDL-Voc	**LDL-Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	3.9		#	10		A	2.9	J	#	6.9	J	A						
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5	U		0.5	U		1	U		1.6	U							
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.96		#	3.1		#	0.36	J	#	0.81	J	#						
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
67-64-1	Acetone	OLC02-1-V	UG/L	50	5	U		5	U		10	U		16	U							
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5	U		0.5	U		1	U		1.6	U							
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		1	U		1.6	U							
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.15	J	#	0.5	U		1	U		1.6	U							
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.26	J	#	0.24	J	#	0.81	J	#	1	J	#						
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	0.6		#	0.43	J	#	0.82	J	#	0.73	J	#						
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	0.26	J	#	0.17	J	#	0.24	J	#	0.36	J	#						
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	5.2		A	4.9		#	8.4		A	11		A						
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5	U		5	U		10	U		16	U							
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.34	J	#	0.24	J	#	1	U		1.6	U							
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		1	U		1.6	U							
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5	U		0.1	J	#	1	U		1.6	U							
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5	U		0.5	U		1	U		1.6	U							
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5	U		0.5	U		1	U		1.6	U							
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	23		A	24		A	25		A	37		A						
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		1	U		1.6	U							
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		1	U		1.6	U							
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		1	U		1.6	U							
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		1	U		1.6	U							
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5	U		5	U		10	U		16	U							
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		1	U		1.6	U							
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		1	U		1.6	U							
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	2.8		#	5.8		A	1.8		#	3.5		#						
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5	U		5	U		10	U		16	U							
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		1	U		1.6	U							
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5	U		0.5	U		1	U		1.6	U							
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5	U		0.5	U		1	U		1.6	U							
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		1	U		1.6	U							
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		1	U		1.6	U							
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		1	U		1.6	U							
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5	U		0.5	U		1	U		1.6	U							
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							
87-61-6	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1	U		1.6	U							

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-7-R1 4/7/2006 190 to 195 ft			GWM-02-8-R1 4/7/2006 150 to 155 ft			GWM-02-9-R1 4/7/2006 100 to 105 ft			GWM-02-10-R1 4/7/2006 50 to 55 ft			GWM-03-1-R1 3/27/2006 450 to 455 ft			GWM-03-2-R1 3/28/2006 390 to 395 ft		
(Group Cod	**(Group Description)**																					
1-LDL-Voc	**LDL-Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	7.5		A	6.9		A	3.2		#	2.2		#	0.5	U		0.48	J	#
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.19	J	#	0.5	U		0.5	U	
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.55		#	0.33	J	#	0.43	J	#	0.39	J	#	20		A	6.8		A
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.11	J	#	0.84		#
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.3	J	#	0.5	U	
67-64-1	Acetone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	R	
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.38	J	#	0.7		#	0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	0.44	J	#	1.4		#	3		#	0.24	J	#	0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.41	J	#	3.5		#
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.29	J	#	0.36	J	#	0.8		#	0.69		#	0.5	U		0.25	J	#
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.34	J	#	0.22	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.28	J	#	0.87		#
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.16	J	#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	18		A	25		A	20		A	4.9		#	1.9		#	3.3		#
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	3.2		#	2.8		#	0.86		#	0.68		#	0.2	J	#	0.39	J	#
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
120-8[redacted]	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	[redacted]			0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
87-[redacted]	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	[redacted]			0.5	U		0.5	U		0.5	U		0.5	U		.5	U	

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Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-03-3-R1 3/28/2006 370 to 375 ft			GWM-03-4-R1 3/28/2006 290 to 295 ft			GWM-03-5-R1 3/28/2006 170 to 175 ft			GWM-03-6-R1 3/28/2006 100 to 105 ft			GWM-03-7-R1 3/28/2006 50 to 55 ft			GWM-04-1-R1 4/11/2006 420 to 425 ft			GWM-04-2 4/11/200 400 to 405	
(Group Cod	**(Group Description)**																							
1-LDL-Voc	**LDL-Volatile Organic Compounds**																							
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	0.17	J	#	0.22	J	#	1.9		#	0.5	U		0.5	U		1	UJ		1	
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	7.1		A	0.5	U		0.5	U		0.5	U		0.5	U		31		A	16	
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.27	J	#	0.12	J	#	0.15	J	#	0.23	J	#	0.5	U		1.2		#	1.7	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	UJ		1	
67-64-1	Acetone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		10	U		11	
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5	R		0.5	R		0.5	R		0.5	R		0.5	R		1	R		1	
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	UJ		1.6	
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	UJ		1	
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	0.5	U		0.5	U		1.6		#	0.44	J	#	0.5	U		3.4		#	1.7	
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	2.6		#	0.25	J	#	0.74		#	0.66		#	0.18	J	#	2.7		#	3.3	
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.39	J	#	0.5	U		0.5	U		0.5	U		0.5	U		0.41	J	#	0.82	
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		10	U		10	
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1.7	UJ		2.4	
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.89		#	0.62		#	0.43	J	#	0.91		#	0.95		#	0.85	J	#	1.2	
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.4	J	#	1.3	
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	UJ		1	
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	8.9		A	0.5	U		0.4	J	#	0.5	U		0.5	U		30		A	26	
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		10	U		10	
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	0.25	J	#	0.54		#	0.39	J	#	0.65		#	0.72		#	7.3		A	20	
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		10	U		10	
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	
87-61-6	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1	U		1	

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	R1 6 ft			GWM-04-3-R1 4/11/2006 350 to 355 ft			GWM-04-4-R1 4/11/2006 305 to 310 ft			GWM-04-5-R1 4/11/2006 285 to 290 ft			GWM-04-6-R1 4/11/2006 245 to 250 ft			GWM-04-7-R1 4/11/2006 185 to 190 ft			GWM-04-8-R1 4/11/2006 145 to 150 ft		
(Group Cod	**(Group Description)**																								
1-LDL-Voc	**LDL-Volatile Organic Compounds**																								
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L		5	UJ		5.2	J	A	97	J	A	64	J	A	15	J	A	4.3	J	#	2.7	J	#
74-87-3	Chloromethane	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L		2	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
74-83-9	Bromomethane	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
75-00-3	Chloroethane	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L		5		A	2.8		#	8.4	U		6.3	U		13	U		6.3	U		0.5	U	
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L		5		#	1.3	J	#	8.9		A	7.8		A	5.5	J	A	2.2	J	#	0.57		#
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
67-64-1	Acetone	OLC02-1-V	UG/L		50	U		32	U		120	U		83	U		160	U		87	U		5	U	
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L		50	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA		R		2.5	R		8.4	R		6.3	R		13	R		6.3	R		0.5	R	
75-09-2	Methylene Chloride	OLC02-1-V	UG/L		5	U		2	J	#	3.8	J	#	2.3	J	#	13	UJ		1.8	J	#	0.5	U	
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L		5	UJ		2.5	UJ		8.4	UJ		6.3	UJ		13	UJ		6.3	UJ		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L		10		#	6.5		#	10		#	12		A	17		A	45		A	27		A
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L		5		#	2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L		5	J	#	1.4	J	#	3.9	J	#	3.6	J	#	5.3	J	A	2.2	J	#	2.3		#
78-93-3	2-Butanone	OLC02-1-V	UG/L		50	U		25	U		84	U		63	U		130	U		63	U		5	U	
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
67-66-3	Chloroform	OLC02-1-V	UG/L		7	UJ		2.5	UJ		8.4	UJ		6.3	UJ		13	UJ		6.3	UJ		0.5	U	
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L		5		#	2.5	U		2.4	J	#	2.3	J	#	13	U		6.3	U		0.27	J	#
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA		U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L		5		#	2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.1	J	#
71-43-2	Benzene	OLC02-1-V	UG/L		1	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.22	J	#
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L		0.6	UJ		2.5	UJ		8.4	UJ		6.3	UJ		13	UJ		6.3	UJ		0.5	U	
79-01-6	Trichloroethene	OLC02-1-V	UG/L		5		A	64		A	280		A	260		A	220		A	260		A	90		A
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA		U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L		1	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L		50	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L		0.4	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L		50	U		25	U		84	U		63	U		130	U		63	U		5	U	
108-88-3	Toluene	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L		0.4	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L		1	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L		5		A	21		A	180		A	220		A	350		A	14		A	41		A
591-78-6	2-Hexanone	OLC02-1-V	UG/L		50	U		25	U		84	U		63	U		130	U		63	U		5	U	
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L		50	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L		0.0006	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
108-90-7	Chlorobenzene	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
100-41-4	Ethylbenzene	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
100-42-5	Styrene	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
75-25-2	Bromoform	OLC02-1-V	UG/L		50	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L		5	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L		3	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L		3	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L		3	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L		0.04	U		2.5	U		8.4	U		6.3	U		13	U		6.3	U		0.5	U	
120-82-	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L		5	U		5	U		8.4	U		6.3	U		13	U		6.3			0.5	U	
87-6	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L		5	U			U		8.4	U		6.3	U		13	U		6.3			0.5	U	

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Roosevelt Field
Groundwater Round 1 - Exceedance Table
Low Detection Limit Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-9-R1 4/11/2006 100 to 105 ft			GWM-04-10-R1 4/11/2006 45 to 50 ft			GWM-05-1-R1 4/14/2006 430 to 435 ft			GWM-05-2-R1 4/14/2006 405 to 410 ft			GWM-05-3-R1 4/14/2006 355 to 360 ft			GWM-05-4-R1 4/14/2006 310 to 315 ft		
(Group Cod	**(Group Description)**																					
1-LDL-Voc	**LDL-Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	0.67	J	#	0.5	UJ		1.8		#	2		#	22		A	17		A
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		1.2		#	0.37	J	#	0.46	J	#
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1		#	1		#	0.37	J	#	0.4	J	#
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5	R		0.5	R		0.5	R		0.5	R		0.5	R		0.5	R	
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	0.32	J	#	0.5	U		0.5	U		0.5	U		0.8		#	1.8		#
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1.6		#	1.8		#	2		#	3		#
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.89		#	0.1	J	#	0.56		#	1.8		#	0.97		#	1.1		#
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.57		#	0.57		#	0.15	J	#	0.18	J	#
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.18	J	#	0.25	J	#	0.17	J	#	0.5	U	
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.12	J	#	0.11	J	#
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	2.7		#	1.3		#	6.6		A	32		A	12		A	14		A
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.1	J	#	0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	15		A	0.37	J	#	0.5		#	0.95		#	0.55		#	0.72		#
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

301715

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-05-5-R1 4/14/2006 290 to 295 ft			GWM-05-6-R1 4/14/2006 250 to 255 ft			GWM-05-7-R1 4/14/2006 190 to 195 ft			GWM-05-8-R1 4/14/2006 150 to 155 ft			GWM-05-9-R1 4/14/2006 95 to 100 ft			GWM-05-10-R1 4/14/2006 45 to 50 ft			GWM-06-1- 3/31/200 445 to 450		
(Group Cod	**(Group Description)**																								
1-LDL-Voc	**LDL-Volatile Organic Compounds**																								
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	3.5		#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.59		
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.19	J	#	0.24		
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.56		#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.44	J	#	0.5	U		2.7		#	2.8		#	1.2		#	0.5	U		6.6		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.15		
67-64-1	Acetone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U		12		
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1.5		
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5	R		0.5	R		0.5	R		0.5	R		0.5	R		0.5	R		0.5		
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1.1		
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	1.1		#	0.7		#	0.5		#	0.85		#	0.85		#	0.7		#	0.5		
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	1.8		#	0.7		#	4.4		#	4.7		#	3.1		#	0.5	U		2		
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	1.7		#	0.58		#	0.23	J	#	0.12	J	#	0.34	J	#	0.5	U		1.8		
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U		5		
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.5	U		0.5	U		0.5	U		0.27	J	#	0.24	J	#	0.5	U		0.5		
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.26	J	#	0.2	J	#	1.6		#	1.5		#	0.52		#	0.5	U		7.4		
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.12	J	#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	19		A	5		#	2.6		#	0.91		#	4.4		#	0.11	J	#	1.7		
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U		5		
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		8.5		
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	0.62		#	0.31	J	#	0.5		#	0.33	J	#	0.81		#	0.11	J	#	0.23		
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U		5		
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5		
120-8[illegible]	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		5	U		0.5		
87-6[illegible]	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		[illegible]	U		0.5		

Roosevelt Field
Groundwater Round 1 - Exceedance Table
Low Detection Limit Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific R1 Groundwater Screening Criteria	ft			GWM-06-2-R1 3/31/2006 365 to 370 ft			GWM-06-3-R1 3/31/2006 245 to 250 ft			GWM-06-4-R1 3/31/2006 175 to 180 ft			GWM-06-5-R1 3/30/2006 100 to 105 ft		
(Group Cod	**(Group Description)**																		
1-LDL-Voc	**LDL-Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5			#	0.29	J	#	0.58		#	0.36	J	#	0.75		#
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	J		#	0.47	J	#	2.5		#	0.5	U		0.5	U	
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	U			0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		3.3		#
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	U			0.13	J	#	0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5			A	3.7		#	13		A	14		A	22		A
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	J		#	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	OLC02-1-V	UG/L	50			#	21		#	9.8		#	28		#	9.6		#
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50			#	0.6		#	0.94		#	0.25	J	#	0.35	J	#
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA		U		0.5	U		0.5	R		0.5	R		0.5	R	
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	U			0.5	U		0.38	J	#	0.56	J	#	0.84		#
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	U			0.5	U		0.17	J	#	0.2	J	#	0.34	J	#
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5			#	0.99		#	3.8		#	6.5		A	15		A
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5			#	0.69		#	4.8	J	#	4.1	J	#	22	J	A
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	U			5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	OLC02-1-V	UG/L	7			#	0.11	J	#	0.55		#	0.53		#	2.1		#
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5			A	3		#	14		A	15		A	21		A
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA		U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
71-43-2	Benzene	OLC02-1-V	UG/L	1	U			0.5	U		0.5	U		0.5	U		0.11	J	#
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	U			0.5	U		0.5	U		0.5	U		0.5	U	
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5			#	0.33	J	#	8.2		A	2.1		#	4.3		#
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA		U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	U			0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	U			0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	U			0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	U			5	U		5	U		5	U		5	U	
108-88-3	Toluene	OLC02-1-V	UG/L	5			A	6.6		A	110		A	42		A	23		A
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	U			0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	U			0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	J		#	0.5	U		0.7		#	0.52		#	1.1		#
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	U			5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	U			0.5	U		0.5	U		0.5	U		0.5	U	
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	U			0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	OLC02-1-V	UG/L	50	U			0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	U			0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	U			0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	U			0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	U			0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	U			0.5	U		0.5	U		0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-06-6-R1 3/31/2006 45 to 50 ft			GWM-06-6-R1-Dup GWM-16-6-R1 3/31/2006 45 to 50 ft			GWM-07-1-R1 4/3/2006 445 to 450 ft			GWM-07-2-R1 4/4/2006 425 to 430 ft			GWM-07-3-R1 4/3/2006 310 to 315 ft			GWM-07-4-R1 4/3/2006 205 to 210 ft		
(Group Cod	**(Group Description)**																					
1-LDL-Voc	**LDL-Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.14	J	#	0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.76	J	#	0.5	U		0.14	J	#	0.5	U		0.5	U		0.16	J	#
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.42	J	#	0.5	U	
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	1.5		#	1.2		#	0.18	J	#	1.4		#	0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	OLC02-1-V	UG/L	50	43		#	29		#	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.66	J	#	0.35	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5	R		0.5	R		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.79	J	#	0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	0.15	J	#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	0.25	J	#	0.31	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.26	J	#	0.32	J	#	0.5	U		0.5	U		1		#	0.5	U	
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5	U		4.3	J	#	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	1.7		#	2.3		#	0.5	U		0.66		#	0.5	U		0.5	U	
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	UJ		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	0.26	J	#	0.29	J	#	0.18	J	#	0.66		#	9.4		A	0.38	J	#
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	UJ		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5	U		0.5	UJ		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	UJ		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	OLC02-1-V	UG/L	5	790		A	810		A	0.56	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	0.5	U		0.11	J	#	0.5	U		0.11	J	#	2.2		#	0.21	J	#
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.47	J	#	0.59		#	0.5	U		0.5	U		0.5	U		0.5	U	
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5	U		0.27	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.25	J	#	0.27	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
120-82	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
87-6	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-07-5-R1 4/3/2006 100 to 105 ft	GWM-07-5-R1-Dup GWM-17-5-R1 4/3/2006 100 to 105 ft	GWM-07-6-R1 4/3/2006 45 to 50 ft	GWM-08-1-R1 4/5/2006 435 to 440 ft	GWM-08-2-R1 4/5/2006 370 to 375 ft	GWM-08-3-R1 4/5/2006 235 to 240 ft	GWM-08-4-R1 4/6/2006 155 to 160 ft
(Group Cod	**(Group Description)**										
1-LDL-Voc	**LDL-Volatile Organic Compounds**										
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.33 J #	0.5 U	0.5 U
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.14 J #	0.23 J #	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5 U	0.5 U	0.5 U	0.5 R	0.5 R	0.5 R	0.5 R
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.21 J #	0.18 J #	0.5 U	0.5 U
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	1.2 #	1.8 #	0.5 U	1.9 #	1.5 #	1.2 #	1 #
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	0.45 J #	0.7 #	0.5 U	1.9 #	1.9 #	15 A	17 A
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Roosevelt Field
Groundwater Round 1 - Exceedance Table
Low Detection Limit Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-08-5-R1 4/5/2006 100 to 105 ft			GWM-08-6-R1 4/5/2006 45 to 50 ft			GWP-10-R1 3/23/2006 377 to 417			GWP-11-R1 3/23/2006 370 to 410			GWP-11-R1-Dup GWP-21-R1 3/23/2006 370 to 410			GWX-10019-R1 3/22/2006 223 to 228 ft		
(Group Cod	**(Group Description)**																					
1-LDL-Voc	**LDL-Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		9.4		A	20		A	21		A	0.62		#
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		2.4		#	1.5		#	1.6		#	1.5		#
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		5.5		A	4		#	4.2		#	0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.28	J	#	0.3	J	#	0.5	U	
67-64-1	Acetone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5	R		0.5	R		0.5	U		0.5	U		0.5	U		0.5	R	
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.1	J	#
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.31	J	#	0.18	J	#	0.22	J	#	0.3	J	#
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	0.5	U		0.5	U		0.31	J	#	0.5	U		0.11	J	#	17		A
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		1.5		#	0.73		#	0.73		#	0.18	J	#
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.18	J	#	0.5	U		13		A	13		A	14		A	21		A
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.5	U		0.5	U		1.2		#	0.5	U		0.5	U		0.29	J	#
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		2.6		#	2.1		#	2.3		#	0.5	U	
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.85		#	0.42	J	#	0.43	J	#	0.2	J	#
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.25	J	#	0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		1.3		A
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	1.6		#	0.5	U		170		A	160		A	160		A	260		A
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.13	J	#	0.5	U		0.5	U		0.5	U		0.5	U		0.11	J	#
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5	U		0.5	U		0.19	J	#	0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	34		A	0.92		#	270		A	50		A	50		A	2		#
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
120-8[illegible]	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		[illegible]		
87-[illegible]	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5	[illegible]		0.5	U		0.5	U		0.5	U		0.5	U		[illegible]		

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Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date / Unit \ \ Depth	Site-Specific Groundwater Screening Criteria	GWX-10020-R1 3/23/2006 185 to 190 ft	GWX-10035-R1 3/24/2006 48 to 53 ft	GWX-8474-R1 3/27/2006 485 to 556 ft	GWX-8475-R1 3/27/2006 409 to 481 ft	GWX-9398-R1 3/23/2006 21 to 22 ft	GWX-9966-R1 3/24/2006 38 to 51 ft
(Group Cod	**(Group Description)**									
1-LDL-Voc	**LDL-Volatile Organic Compounds**									
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	17 A	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.48 J #	2.3 #	0.5 U	0.5 U
67-64-1	Acetone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5 R	0.5 R	0.5 R	0.5 R	0.5 U	0.5 R
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.1 J #	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	1.7 #	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.39 J #	0.7 #	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.19 J #	0.5 U	0.76 #	1.2 #	0.5 U	0.5 U
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.93 #	5.3 A	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	*Trichloroethene*	OLC02-1-V	UG/L	5	1.6 #	1.2 #	29 A	24 A	0.5 U	0.5 U
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	1.3 #	0.5 U	5.8 A	5.5 A	0.16 J #	0.5 U
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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Cas Rn	Chemical Name	Analytic Meth	Sample Code / Sample Nam / Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-9953-R1 3/24/2006 35 to 40 ft		
(Group Cod	**(Group Description)**						
1-LDL-Voc	**LDL-Volatile Organic Compounds**						
75-71-8	Dichlorodifluoromethane	OLC02-1-V	UG/L	5	0.5	U	
74-87-3	Chloromethane	OLC02-1-V	UG/L	5	0.5	U	
75-01-4	Vinyl Chloride	OLC02-1-V	UG/L	2	0.5	U	
74-83-9	Bromomethane	OLC02-1-V	UG/L	5	0.5	U	
75-00-3	Chloroethane	OLC02-1-V	UG/L	5	0.5	U	
75-69-4	Trichlorofluoromethane	OLC02-1-V	UG/L	5	0.5	U	
75-35-4	1,1-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC02-1-V	UG/L	5	0.5	U	
67-64-1	Acetone	OLC02-1-V	UG/L	50	2.3	J	#
75-15-0	Carbon Disulfide	OLC02-1-V	UG/L	50	0.5	U	
79-20-9	Methyl Acetate	OLC02-1-V	UG/L	NA	0.5	R	
75-09-2	Methylene Chloride	OLC02-1-V	UG/L	5	0.5	U	
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U	
1634-04-4	Methyl tert-Butyl Ether	OLC02-1-V	UG/L	10	4.2		#
75-34-3	1,1-Dichloroethane	OLC02-1-V	UG/L	5	0.5	U	
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	UG/L	5	0.5	U	
78-93-3	2-Butanone	OLC02-1-V	UG/L	50	5	U	
74-97-5	Chlorobromomethane	OLC02-1-V	UG/L	5	0.5	U	
67-66-3	Chloroform	OLC02-1-V	UG/L	7	0.5	U	
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	UG/L	5	0.5	U	
110-82-7	Cyclohexane	OLC02-1-V	UG/L	NA	0.5	U	
56-23-5	Carbon Tetrachloride	OLC02-1-V	UG/L	5	0.5	U	
71-43-2	Benzene	OLC02-1-V	UG/L	1	0.5	U	
107-06-2	1,2-Dichloroethane	OLC02-1-V	UG/L	0.6	0.5	U	
79-01-6	Trichloroethene	OLC02-1-V	UG/L	5	0.5	U	
108-87-2	Metylcyclohexane	OLC02-1-V	UG/L	NA	0.5	U	
78-87-5	1,2-Dichloropropane	OLC02-1-V	UG/L	1	0.5	U	
75-27-4	Bromodichloromethane	OLC02-1-V	UG/L	50	0.5	U	
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U	
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	UG/L	50	5	U	
108-88-3	Toluene	OLC02-1-V	UG/L	5	0.5	U	
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	UG/L	0.4	0.5	U	
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	UG/L	1	0.5	U	
127-18-4	Tetrachloroethene	OLC02-1-V	UG/L	5	0.5	U	
591-78-6	2-Hexanone	OLC02-1-V	UG/L	50	5	U	
124-48-1	Dibromochloromethane	OLC02-1-V	UG/L	50	0.5	U	
106-93-4	1,2-Dibromoethane	OLC02-1-V	UG/L	0.0006	0.5	U	
108-90-7	Chlorobenzene	OLC02-1-V	UG/L	5	0.5	U	
100-41-4	Ethylbenzene	OLC02-1-V	UG/L	5	0.5	U	
1330-20-7	Xylenes (total)	OLC02-1-V	UG/L	5	0.5	U	
100-42-5	Styrene	OLC02-1-V	UG/L	5	0.5	U	
75-25-2	Bromoform	OLC02-1-V	UG/L	50	0.5	U	
98-82-8	Isopropylbenzene	OLC02-1-V	UG/L	5	0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	UG/L	5	0.5	U	
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U	
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	UG/L	3	0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	UG/L	0.04	0.5	U	
120-8[illegible]	1,2,4-Trichlorobenzene	OLC02-1-V	UG/L	5	0.5		
87-6[illegible]	1,2,3-Trichlorobenzene	OLC02-1-V	UG/L	5			

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Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-3-R1 4/13/2006 370 to 375 ft		GWM-02-6-R1 4/10/2006 250 to 255 ft		GWM-02-6-R1-Dup GWM-20-6-R1 4/10/2006 250 to 255 ft		GWM-03-3-R1 3/28/2006 370 to 375 ft	
(Group Code)	**(Group Description)**											
2-SV-1-W	***Semi-Volatile Organic Compounds - Page 1***											
100-52-7	*Benzaldehyde*	OLM04-2-SV	UG/L	NA	10	U	10	U	10	U	10	UJ
108-95-2	Phenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl) ether	OLM04-2-SV	UG/L	1	10	U	10	UJ	10	UJ	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	UG/L	50	10	U	10	UJ	10	UJ	10	U
621-64-7	n-Nitroso-di-n-propylamine	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	UG/L	0.4	10	U	10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
88-75-5	*2-Nitrophenol*	*OLM04-2-SV*	*UG/L*	*50*	*10*	*U*	*10*	*U*	*10*	*U*	*10*	*U*
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
91-20-3	*Naphthalene*	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	UG/L	0.5	10	U	10	U	10	U	10	UJ
105-60-2	Caprolactam	OLM04-2-SV	UG/L	NA	10	U	10	U	10	U	10	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	UG/L	NA	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	UG/L	5	10	U	10	UJ	10	UJ	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
3-SV-2-W	***Semi-Volatile Organic Compounds - Page 2***											
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	UG/L	10	25	U	25	R	25	R	25	UJ
100-02-7	*4-Nitrophenol*	OLM04-2-SV	UG/L	50	25	U	25	U	25	U	25	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	UG/L	50	25	U	25	UJ	25	UJ	25	U
86-30-6	n-Nitrosodiphenylamine	OLM04-2-SV	UG/L	50	10	UJ	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	UG/L	0.04	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	UG/L	3	10	U	10	U	10	U	10	U
87-86-5	*Pentachlorophenol*	OLM04-2-SV	UG/L	1	25	U	25	U	25	U	25	U
85-01-8	Phenanthrene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
120-12-7	*Anthracene*	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	UG/L	5	10	UJ	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	OLM04-2-SV	UG/L	5	10	U	10	UJ	10	UJ	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	UG/L	50	10	U	10	UJ	10	UJ	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	UG/L	0.2	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	UG/L	0.002	10	UJ	10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	UG/L	50	10	UJ	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	UG/L	50	10	UJ	10	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-7-R1 4/11/2006 185 to 190 ft		GWM-05-6-R1 4/14/2006 250 to 255 ft		GWM-06-5-R1 3/30/2006 100 to 105 ft		GWM-07-2-R1 4/4/2006 425 to 430 ft		GWM-08-4- 4/6/20 155 to 16	
(Group Code)	**(Group Description)**													
2-SV-1-W	**Semi-Volatile Organic Compounds - Page 1**													
100-52-7	Benzaldehyde	OLM04-2-SV	UG/L	NA	10	U	11	U	10	U	10	U	11	U
108-95-2	Phenol	OLM04-2-SV	UG/L	50	10	U	11	U	6	#	10	U	11	U
111-44-4	bis(2-Chloroethyl) ether	OLM04-2-SV	UG/L	1	10	U	11	U	10	U	10	UJ	11	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
95-48-7	2-Methylphenol	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
98-86-2	Acetophenone	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
106-44-5	4-Methylphenol	OLM04-2-SV	UG/L	50	10	U	11	U	56	A	10	U	11	U
621-64-7	n-Nitroso-di-n-propylamine	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
67-72-1	Hexachloroethane	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
98-95-3	Nitrobenzene	OLM04-2-SV	UG/L	0.4	10	U	11	U	10	U	10	U	11	U
78-59-1	Isophorone	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
88-75-5	2-Nitrophenol	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
91-20-3	Naphthalene	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
106-47-8	4-Chloroaniline	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	UG/L	0.5	10	U	11	U	10	U	10	U	11	U
105-60-2	Caprolactam	OLM04-2-SV	UG/L	NA	10	U	11	U	10	UJ	10	U	11	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	UG/L	NA	10	U	11	U	10	U	10	U	11	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	UG/L	5	10	UJ	11	U	10	UJ	10	UJ	11	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	UG/L	5	25	U	28	U	26	U	26	U	27	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
88-74-4	2-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	28	U	26	U	26	U	27	U
131-11-3	Dimethylphthalate	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U	11	U	10	U	10	U	11	U
208-96-8	Acenaphthylene	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
99-09-2	3-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	28	U	26	UJ	26	U	27	U
83-32-9	Acenaphthene	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
3-SV-2-W	**Semi-Volatile Organic Compounds - Page 2**													
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	UG/L	10	25	R	28	U	26	UJ	26	R	27	U
100-02-7	4-Nitrophenol	OLM04-2-SV	UG/L	50	25	UJ	28	U	26	U	26	UJ	27	U
132-64-9	Dibenzofuran	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U	11	U	10	UJ	10	U	11	U
84-66-2	Diethylphthalate	OLM04-2-SV	UG/L	50	10	U	11	U	10	UJ	10	U	11	U
86-73-7	Fluorene	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
100-01-6	4-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	28	U	26	UJ	26	U	27	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	UG/L	50	25	UJ	28	U	26	U	26	R	27	R
86-30-6	n-Nitrosodiphenylamine	OLM04-2-SV	UG/L	50	10	U	11	UJ	10	U	10	U	11	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	UG/L	0.04	10	U	11	U	10	U	10	U	11	U
1912-24-9	Atrazine	OLM04-2-SV	UG/L	3	10	U	11	U	10	U	10	U	11	U
87-86-5	Pentachlorophenol	OLM04-2-SV	UG/L	1	25	U	28	U	26	U	26	UJ	27	UJ
85-01-8	Phenanthrene	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
120-12-7	Anthracene	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
86-74-8	Carbazole	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
206-44-0	Fluoranthene	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
129-00-0	Pyrene	OLM04-2-SV	UG/L	50	10	U	11	U	10	U	10	U	11	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	UG/L	50	10	UJ	11	U	10	U	10	UJ	11	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	UG/L	5	10	U	11	UJ	10	U	10	U	11	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	UG/L	0.002	10	U	11	U	10	U	10	U	11	U
218-01-9	Chrysene	OLM04-2-SV	UG/L	0.002	10	U	11	U	10	U	10	U	11	U
117-81-7	bis(2-Ethylhexyl) phthalate	OLM04-2-SV	UG/L	5	10	UJ	11	U	10	U	10	UJ	11	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	UG/L	50	10	UJ	11	U	10	UJ	10	UJ	11	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U	11	U	10	U	10	U	11	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U	11	U	10	U	10	U	11	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	UG/L	0.2	10	U	11	U	10	U	10	U	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	UG/L	0.002	10	U	11	UJ	10	U	10	U	11	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	UG/L	50	10	U	11	UJ	10	U	10	U	11	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	UG/L	50	10	U	11	UJ	10	UJ	10	U	11	U

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWP-10-R1 3/23/2006 377 to 417		GWP-11-R1 3/23/2006 310 to 410		GWP-11-R1-Dup GWP-21-R1 3/23/2006 310 to 410		GWX-10019-R1 3/22/2006 223 to 228 ft		GWX-10020-R1 3/23/2006 185 to 190 ft	
(Group Code)	**(Group Description)**													
2-SV-1-W	**Semi-Volatile Organic Compounds - Page 1**													
100-52-7	Benzaldehyde	OLM04-2-SV	UG/L	NA	10	U	10	U	10	U	10	U	10	U
108-95-2	Phenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl) ether	OLM04-2-SV	UG/L	1	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
621-64-7	n-Nitroso-di-n-propylamine	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	UG/L	0.4	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	UG/L	0.5	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	UG/L	NA	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	UG/L	NA	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	UG/L	5	10	UJ	10	UJ	10	U	10	UJ	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
3-SV-2-W	***Semi-Volatile Organic Compounds - Page 2***													
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	UG/L	10	25	R	25	R	25	R	25	R	25	R
100-02-7	4-Nitrophenol	OLM04-2-SV	UG/L	50	25	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	UG/L	5	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	UG/L	50	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
86-30-6	n-Nitrosodiphenylamine	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	UG/L	0.04	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	UG/L	3	10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	UG/L	1	25	U	25	U	25	U	25	U	25	U
85-01-8	Phenanthrene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	UG/L	50	10	UJ	10	UJ	10	U	10	UJ	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	UG/L	0.2	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	UG/L	50	10	UJ	10	UJ	10	U	10	UJ	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	UG/L	50	10	UJ	10	UJ	10	U	10	UJ	10	U

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-10035-R1 3/24/2006 48 to 53 ft		GWX-8474-R1 3/27/2006 485 to 556 ft		GWX-8475-R1 3/27/2006 409 to 481 ft		GWX-9398-R1 3/23/2006 21 to 22 ft		GWX-9966 3/24/20[illegible] 38 to 51 [illegible]	
(Group Code)	**(Group Description)**													
2-SV-1-W	**Semi-Volatile Organic Compounds - Page 1**													
100-52-7	Benzaldehyde	OLM04-2-SV	UG/L	NA	10	U	10	UJ	10	UJ	10	U	10	U
108-95-2	Phenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl) ether	OLM04-2-SV	UG/L	1	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
621-64-7	n-Nitroso-di-n-propylamine	OLM04-2-SV	UG/L	50	10	UJ	10	UJ	10	UJ	10	U	10	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	UG/L	0.4	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	UG/L	0.5	10	UJ	10	UJ	10	UJ	10	U	10	UJ
105-60-2	Caprolactam	OLM04-2-SV	UG/L	NA	10	UJ	10	UJ	10	UJ	10	U	10	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	UG/L	NA	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	UG/L	5	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
3-SV-2-W	**Semi-Volatile Organic Compounds - Page 2**													
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	UG/L	10	25	UJ	25	UJ	25	UJ	25	R	25	U
100-02-7	4-Nitrophenol	OLM04-2-SV	UG/L	50	25	U	25	UJ	25	UJ	25	U	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	UG/L	5	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	UG/L	50	25	U	25	U	25	U	25	UJ	25	U
86-30-6	n-Nitrosodiphenylamine	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	UG/L	0.04	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	UG/L	3	10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	UG/L	1	25	U	25	U	25	U	25	U	25	U
85-01-8	Phenanthrene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	OLM04-2-SV	UG/L	5	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U	10	UJ	10	UJ	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	UG/L	0.2	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	UG/L	0.002	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	UG/L	50	10	U	10	U	10	U	10	U	10	U

Roosevelt Field
Groundwater Round 1 - Exceedance Table
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-9953-R1 3/24/2006 35 to 40 ft	
(Group Code)	(Group Description)					
2-SV-1-W	Semi-Volatile Organic Compounds - Page 1					
100-52-7	Benzaldehyde	OLM04-2-SV	UG/L	NA	10	U
108-95-2	Phenol	OLM04-2-SV	UG/L	50	10	U
111-44-4	bis(2-Chloroethyl) ether	OLM04-2-SV	UG/L	1	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	UG/L	5	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	UG/L	50	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	UG/L	5	10	U
98-86-2	Acetophenone	OLM04-2-SV	UG/L	50	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	UG/L	50	10	U
621-64-7	n-Nitroso-di-n-propylamine	OLM04-2-SV	UG/L	50	10	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	UG/L	5	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	UG/L	0.4	10	U
78-59-1	Isophorone	OLM04-2-SV	UG/L	50	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	UG/L	50	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	UG/L	50	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	UG/L	5	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	UG/L	5	10	U
91-20-3	Naphthalene	OLM04-2-SV	UG/L	50	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	UG/L	5	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	UG/L	0.5	10	UJ
105-60-2	Caprolactam	OLM04-2-SV	UG/L	NA	10	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	UG/L	5	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	UG/L	NA	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	UG/L	5	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	UG/L	5	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	UG/L	5	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	UG/L	5	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	UG/L	5	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	UG/L	5	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	UG/L	50	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	UG/L	50	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	UG/L	5	25	U
83-32-9	Acenaphthene	OLM04-2-SV	UG/L	50	10	U
3-SV-2-W	Semi-Volatile Organic Compounds - Page 2					
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	UG/L	10	25	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	UG/L	50	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	UG/L	50	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	UG/L	5	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	UG/L	50	10	U
86-73-7	Fluorene	OLM04-2-SV	UG/L	50	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	UG/L	5	25	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	UG/L	50	25	U
86-30-6	n-Nitrosodiphenylamine	OLM04-2-SV	UG/L	50	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	UG/L	50	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	UG/L	0.04	10	U
1912-24-9	Atrazine	OLM04-2-SV	UG/L	3	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	UG/L	1	25	U
85-01-8	Phenanthrene	OLM04-2-SV	UG/L	50	10	U
120-12-7	Anthracene	OLM04-2-SV	UG/L	50	10	U
86-74-8	Carbazole	OLM04-2-SV	UG/L	50	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	UG/L	50	10	U
206-44-0	Fluoranthene	OLM04-2-SV	UG/L	50	10	U
129-00-0	Pyrene	OLM04-2-SV	UG/L	50	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	UG/L	50	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	UG/L	5	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	UG/L	0.002	10	U
218-01-9	Chrysene	OLM04-2-SV	UG/L	0.002	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	OLM04-2-SV	UG/L	5	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	UG/L	50	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	UG/L	0.002	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	UG/L	0.2	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	UG/L	0.002	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	UG/L	50	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	UG/L	50	10	U

Roosevelt Field
Groundwater Round 1 - Exceedance Table
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-3-R1 4/13/2006 370 to 375 ft		GWM-02-6-R1 4/10/2006 250 to 255 ft		GWM-02-6-R1-Dup GWM-20-6-R1 4/10/2006 250 to 255 ft		GWM-03-3-R1 3/28/2006 370 to 375 ft		GWM-04-7-R1 4/11/2006 185 to 190 ft	
(Group Code)	**(Group Description)**													
4-PP-W	**Pesticides/PCBs**													
319-84-6	alpha-BHC	OLM04-2-PP	UG/L	0.01	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	UG/L	0.04	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	UG/L	0.04	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	UG/L	0.05	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	OLM04-2-PP	UG/L	0.04	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	UG/L	5	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	UG/L	0.03	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	UG/L	50	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	UG/L	0.004	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	UG/L	0.2	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	UG/L	2	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	UG/L	50	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	UG/L	0.3	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	UG/L	50	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	UG/L	0.2	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	UG/L	35	0.53	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	UG/L	5	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	UG/L	5	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	UG/L	0.05	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	UG/L	0.05	0.053	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	UG/L	0.06	5.3	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	UG/L	0.09	1.1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	UG/L	0.09	2.1	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	UG/L	0.09	1.1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	UG/L	0.09	1.1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	UG/L	0.09	1.1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	UG/L	0.09	1.1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	UG/L	0.09	1.1	U	1	U	1	U	1	U	1	U

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Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-05-6-R1 4/14/2006 250 to 255 ft			GWM-06-5-R1 3/30/2006 100 to 105 ft			GWM-07-2-R1 4/4/2006 425 to 430 ft			GWM-08-4-R1 4/6/2006 155 to 160 ft			GWP-10-R1 3/23/2006 377 to 417			GWP-11-R1 3/23/2006 370 to 410		
(Group Code)	**(Group Description)**																					
4-PP-W	**Pesticides/PCBs**																					
319-84-6	alpha-BHC	OLM04-2-PP	UG/L	0.01	0.054	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-85-7	beta-BHC	OLM04-2-PP	UG/L	0.04	0.054	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-86-8	*delta*-BHC	OLM04-2-PP	UG/L	0.04	0.054	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	UG/L	0.05	0.054	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
76-44-8	Heptachlor	OLM04-2-PP	UG/L	0.04	0.054	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
309-00-2	Aldrin	OLM04-2-PP	UG/L	5	0.054	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
1024-57-3	Heptachlor epoxide	OLM04-2-PP	UG/L	0.03	0.054	UJ		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
959-98-8	Endosulfan I	OLM04-2-PP	UG/L	50	0.054	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
60-57-1	Dieldrin	OLM04-2-PP	UG/L	0.004	0.11	U		0.1	U		0.073	J	A	0.1	U		0.1	U		0.1	U	
72-55-9	4,4'-DDE	OLM04-2-PP	UG/L	0.2	0.11	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-20-8	Endrin	OLM04-2-PP	UG/L	2	0.11	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
33213-65-9	Endosulfan II	OLM04-2-PP	UG/L	50	0.11	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-54-8	4,4'-DDD	OLM04-2-PP	UG/L	0.3	0.11	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
1031-07-8	Endosulfan sulfate	OLM04-2-PP	UG/L	50	0.11	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
50-29-3	4,4'-DDT	OLM04-2-PP	UG/L	0.2	0.11	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-43-5	Methoxychlor	OLM04-2-PP	UG/L	35	0.54	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
53494-70-5	Endrin ketone	OLM04-2-PP	UG/L	5	0.11	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7421-93-4	Endrin aldehyde	OLM04-2-PP	UG/L	5	0.11	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
5103-71-9	alpha-Chlordane	OLM04-2-PP	UG/L	0.05	0.054	U		0.05	U		0.043	J	#	0.05	U		0.05	U		0.05	U	
5103-74-2	gamma-Chlordane	OLM04-2-PP	UG/L	0.05	0.054	U		0.05	U		0.022	J	#	0.05	U		0.05	U		0.05	U	
8001-35-2	Toxaphene	OLM04-2-PP	UG/L	0.06	5.4	U		5	U		5	U		5	U		5	U		5	U	
12674-11-2	Aroclor-1016	OLM04-2-PP	UG/L	0.09	1.1	U		1	U		1	U		1	U		1	U		1	U	
11104-28-2	Aroclor-1221	OLM04-2-PP	UG/L	0.09	2.2	U		2	U		2	U		2	U		2	U		2	U	
11141-16-5	Aroclor-1232	OLM04-2-PP	UG/L	0.09	1.1	U		1	U		1	U		1	U		1	U		1	U	
53469-21-9	Aroclor-1242	OLM04-2-PP	UG/L	0.09	1.1	U		1	U		1	U		1	U		1	U		1	U	
12672-29-6	Aroclor-1248	OLM04-2-PP	UG/L	0.09	1.1	U		1	U		1	U		1	U		1	U		1	U	
11097-69-1	Aroclor-1254	OLM04-2-PP	UG/L	0.09	1.1	U		1	U		1	U		1	U		1	U		1	U	
11096-82-5	Aroclor-1260	OLM04-2-PP	UG/L	0.09	1.1	U		1	U		1	U		1	U		1	U		1	U	

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Roosevelt Field
Groundwater Round 1 - Exceedance Table
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWP-11-R1-Dup GWP-21-R1 3/23/2006 370 to 410		GWX-10019-R1 3/22/2006 223 to 228 ft		GWX-10020-R1 3/23/2006 185 to 190 ft		GWX-10035-R1 3/24/2006 48 to 53 ft		GWX-8474-R1 3/27/2006 485 to 556 ft		GWX-8475-R1 3/27/2006 409 to 481 ft	
(Group Code)	**(Group Description)**															
4-PP-W	**Pesticides/PCBs**															
319-84-6	alpha-BHC	OLM04-2-PP	UG/L	0.01	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	UG/L	0.04	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	UG/L	0.04	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	UG/L	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	U
76-44-8	Heptachlor	OLM04-2-PP	UG/L	0.04	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	UG/L	5	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	UG/L	0.03	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	UG/L	50	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	UG/L	0.004	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	UG/L	0.2	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	UG/L	2	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	UG/L	50	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	UG/L	0.3	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	UG/L	50	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	UG/L	0.2	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	UG/L	35	0.5	U	0.5	U	0.5	U	0.5	U	0.53	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	UG/L	5	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	UG/L	5	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	UG/L	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	UG/L	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.053	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	UG/L	0.06	5	U	5	U	5	U	5	U	5.3	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	UG/L	0.09	1	U	1	U	1	U	1	U	1.1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	UG/L	0.09	2	U	2	U	2	U	2	U	2.1	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	UG/L	0.09	1	U	1	U	1	U	1	U	1.1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	UG/L	0.09	1	U	1	U	1	U	1	U	1.1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	UG/L	0.09	1	U	1	U	1	U	1	U	1.1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	UG/L	0.09	1	U	1	U	1	U	1	U	1.1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	UG/L	0.09	1	U	1	U	1	U	1	U	1.1	U	1	U

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Roosevelt Field
Groundwater Round 1 - Exceedance Table
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-9398-R1 3/23/2006 21 to 22 ft			GWX-9966-R1 3/24/2006 38 to 51 ft			GWX-9953-R1 3/24/2006 35 to 40 ft		
(Group Code)	**(Group Description)**												
4-PP-W	**Pesticides/PCBs**												
319-84-6	alpha-BHC	OLM04-2-PP	UG/L	0.01	0.05	U		0.05	U		0.05	U	
319-85-7	beta-BHC	OLM04-2-PP	UG/L	0.04	0.05	U		0.05	U		0.05	U	
319-86-8	delta-BHC	OLM04-2-PP	UG/L	0.04	0.05	U		0.05	U		0.05	U	
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	UG/L	0.05	0.05	U		0.05	U		0.05	U	
76-44-8	Heptachlor	OLM04-2-PP	UG/L	0.04	0.05	U		0.05	U		0.05	U	
309-00-2	Aldrin	OLM04-2-PP	UG/L	5	0.05	U		0.05	U		0.05	U	
1024-57-3	Heptachlor epoxide	OLM04-2-PP	UG/L	0.03	0.13	JN	A	0.05	U		0.05	U	
959-98-8	Endosulfan I	OLM04-2-PP	UG/L	50	0.05	U		0.05	U		0.05	U	
60-57-1	Dieldrin	OLM04-2-PP	UG/L	0.004	0.1	U		0.1	U		0.1	U	
72-55-9	4,4'-DDE	OLM04-2-PP	UG/L	0.2	0.1	U		0.1	U		0.1	U	
72-20-8	Endrin	OLM04-2-PP	UG/L	2	0.1	U		0.1	U		0.1	U	
33213-65-9	Endosulfan II	OLM04-2-PP	UG/L	50	0.1	U		0.1	U		0.1	U	
72-54-8	4,4'-DDD	OLM04-2-PP	UG/L	0.3	0.1	U		0.1	U		0.1	U	
1031-07-8	Endosulfan sulfate	OLM04-2-PP	UG/L	50	0.1	U		0.1	U		0.1	U	
50-29-3	4,4'-DDT	OLM04-2-PP	UG/L	0.2	0.1	U		0.1	U		0.1	U	
72-43-5	Methoxychlor	OLM04-2-PP	UG/L	35	0.5	U		0.5	U		0.5	U	
53494-70-5	Endrin ketone	OLM04-2-PP	UG/L	5	0.1	U		0.1	U		0.1	U	
7421-93-4	Endrin aldehyde	OLM04-2-PP	UG/L	5	0.1	U		0.1	U		0.1	U	
5103-71-9	alpha-Chlordane	OLM04-2-PP	UG/L	0.05	0.49	R		0.05	U		0.05	U	
5103-74-2	gamma-Chlordane	OLM04-2-PP	UG/L	0.05	0.86		A	0.05	U		0.05	U	
8001-35-2	Toxaphene	OLM04-2-PP	UG/L	0.06	5	U		5	U		5	U	
12674-11-2	Aroclor-1016	OLM04-2-PP	UG/L	0.09	1	U		1	U		1	U	
11104-28-2	Aroclor-1221	OLM04-2-PP	UG/L	0.09	2	U		2	U		2	U	
11141-16-5	Aroclor-1232	OLM04-2-PP	UG/L	0.09	1	U		1	U		1	U	
53469-21-9	Aroclor-1242	OLM04-2-PP	UG/L	0.09	1	U		1	U		1	U	
12672-29-6	Aroclor-1248	OLM04-2-PP	UG/L	0.09	1	U		1	U		1	U	
11097-69-1	Aroclor-1254	OLM04-2-PP	UG/L	0.09	1	U		1	U		1	U	
11096-82-5	Aroclor-1260	OLM04-2-PP	UG/L	0.09	1	U		1	U		1	U	

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Roosevelt Field
Groundwater Round 1 - Exceedance Table
Inorganic Analytes - AES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-3-R1 Background 4/13/2006 370 to 375 ft			GWM-02-6-R1-2 4/11/2006 250 to 255 ft			GWM-02-6-R1-2-Dup GWM-20-6-R1-2 4/11/2006 250 to 255 ft			GWM-03-3-R1 3/28/2006 370 to 375 ft		
(Group Code)	**(Group Description)**															
5-DESA-Metals-AES	**Inorganic Analytes**															
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----		U	-----		U	-----		U	-----		U
7429-90-5	Aluminum	ILM04-1-M	ug/L	200		320	K A	-----		U	-----		U	-----		U
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----		U	-----		U	-----		U	-----		U
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----		#	-----		#	-----		#	-----		#
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----		U	-----		U	-----		U	-----		U
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----		U	-----		U	-----		U	-----		U
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----		U	-----		U	-----		U	-----		U
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----		#	-----		U	-----		U	-----		#
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----		U	-----		U	-----		U	-----		U
7439-89-6	Iron	ILM04-1-M	ug/L	300		490	K A	-----		U	-----		U		310	A
7439-96-5	Manganese	ILM04-1-M	ug/L	300	-----		#	-----		#	-----		#	-----		#
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----		#	-----		U	-----		U	-----		#
7439-92-1	Lead	ILM04-1-M	ug/L	15	-----		U	-----		U	-----		U	-----		U
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----		U	-----		U	-----		U	-----		U
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----		U	-----		U	-----		U	-----		U
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----		U	-----		U	-----		U	-----		U
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----		U	-----		U	-----		U	-----		U
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----		J #	-----		#	-----		#	-----		#
7440-70-2	Calcium	ILM04-1-M	ug/L	11600	-----		#	-----		#	-----		#		33000	A
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----		#	-----		#	-----		#		6200	A
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----		#	-----		#	-----		#	-----		#
7440-23-5	Sodium	ILM04-1-M	ug/L	20000		55000	L A		33000	L A		33000	L A		100000	L A
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----		U	-----		U	-----		U	-----		U
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----		U	-----		U	-----		U	-----		U

301732

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-7-R1 4/11/2006 185 to 190 ft			GWM-05-6-R1 4/14/2006 250 to 255 ft			GWM-06-5-R1 3/30/2006 100 to 105 ft			GWM-07-2-R1 4/4/2006 425 to 430 ft			GWM-08-4-R1 4/6/2006 155 to 160 ft		
(Group Code)	**(Group Description)**																		
5-DESA-Metals-AES	**Inorganic Analytes**																		
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----		U	-----		U	-----		U	-----		U	-----		U
7429-90-5	Aluminum	ILM04-1-M	ug/L	200	-----		U	-----		U	-----		U	-----		U	-----		U
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----		U	-----		U	-----		U	-----		U	-----		U
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----		#	-----		#	-----		#	-----		#	-----		#
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----		U	-----		U	-----		U	-----		U	-----		U
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----		U	-----		U	-----		U	-----		U	-----		U
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----		U	-----		U	-----		U	-----		U	-----		U
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----		U	-----		#	-----		U	-----		#	-----		U
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----		U	-----		U	-----		#	-----		U	-----		U
7439-89-6	Iron	ILM04-1-M	ug/L	300	-----		U	-----		#		8000	A	-----		#	-----		U
7439-96-5	Manganese	ILM04-1-M	ug/L	300		370	A	-----		#	-----		#	-----		#	-----		#
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----		#	-----		#	-----		U	-----		#	-----		U
7439-92-1	Lead	ILM04-1-M	ug/L	15	-----		U	-----		U	-----		U	-----		U	-----		U
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----		U	-----		U	-----		U	-----		U	-----		U
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----		U	-----		U	-----		U	-----		U	-----		U
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----		U	-----		U	-----		U	-----		U	-----		U
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----		U	-----		U	-----		U	-----		U	-----		U
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----		#	-----		#	-----		#	-----		#	-----		#
7440-70-2	Calcium	ILM04-1-M	ug/L	11600		17000	A		25000	A	-----		#	-----		#	-----		#
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----		#	-----		#	-----		#	-----		#	-----		#
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----		#	-----		#	-----		#	-----		#	-----		U
7440-23-5	Sodium	ILM04-1-M	ug/L	20000		80000	L A		120000	L A		55000	L A		31000	L A		32000	L A
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----		U	-----		U	-----		U	-----		U	-----		U
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----		U	-----		U	-----		#	-----		U	-----		U

Roosevelt Field
Groundwater Round 1 - Exceedance Table
Inorganic Analytes - AES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWP-10-R1 3/23/2006 377 to 417 ft				GWP-11-R1 3/23/2006 370 to 410 ft				GWP-11-R1-Dup / GWP-21-R1 3/23/2006 370 to 410 ft				GWX-10019-R1 3/22/2006 223 to 228 ft			
(Group Code)	**(Group Description)**																			
5-DESA-Metals-AES	**Inorganic Analytes**																			
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U		-----		U	
7429-90-5	Aluminum	ILM04-1-M	ug/L	200	-----		U		-----		U		-----		U		-----		U	
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----		U		-----		U		-----		U		-----		U	
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----			#	-----			#	-----			#	-----			#
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----		U		-----		U		-----		U		-----		U	
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----		U		-----		U		-----		U		-----		U	
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U		-----			#
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U		-----		U	
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----			#	-----			#	-----			#	-----		U	
7439-89-6	Iron	ILM04-1-M	ug/L	300	-----		U		-----		U		-----		U			9800		A
7439-96-5	Manganese	ILM04-1-M	ug/L	300	-----		U		-----		U		-----			#		380		A
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----		U		-----		U		-----		U		-----			#
7439-92-1	Lead	ILM04-1-M	ug/L	15	-----		U		-----		U		-----		U			25		A
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----		U		-----		U		-----		U		-----		U	
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----		U		-----		U		-----		U		-----		U	
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----		U		-----		U		-----		U		-----		U	
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U		-----		U	
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----			#	-----			#	-----			#	-----		J	#
7440-70-2	Calcium	ILM04-1-M	ug/L	11600		14000		A	-----			#	-----			#		16000		A
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----			#	-----			#	-----			#	-----			#
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----			#	-----			#	-----			#	-----			#
7440-23-5	Sodium	ILM04-1-M	ug/L	20000		23000	L	A		27000	L	A		27000	L	A		40000	L	A
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----		U		-----		U		-----		U		-----		U	
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----		U		-----		U		-----		U		-----		U	

301734

Roosevelt Field
Groundwater Round 1 - Exceedance Table
Inorganic Analytes - AES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-10020-R1 3/23/2006 185 to 190 ft			GWX-10035-R1 3/24/2006 48 to 53 ft			GWX-8474-R1 3/27/2006 485 to 556 ft			GWX-8475-R1 3/27/2006 409 to 481 ft		
(Group Code)	**(Group Description)**															
5-DESA-Metals-AES	**Inorganic Analytes**															
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----		U	-----		U	-----	U		-----	U	
7429-90-5	Aluminum	ILM04-1-M	ug/L	200	-----		U	-----		U	-----	U		-----	U	
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----		U	-----		U	-----	U		-----	U	
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----		#	-----		#	-----	U		-----	U	
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----		U	-----		U	-----	U		-----	U	
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----		U	-----		U	-----	U		-----	U	
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----		U	-----		U	-----	U		-----	U	
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----		U	-----		#	-----	U		-----	U	
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----		U	-----		U	-----	U		-----	U	
7439-89-6	Iron	ILM04-1-M	ug/L	300		8300	A		1200	A	-----	U		-----	U	
7439-96-5	Manganese	ILM04-1-M	ug/L	300	-----		#	-----		#	-----	U		-----	U	
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----		U	-----		#	-----	U		-----	U	
7439-92-1	Lead	ILM04-1-M	ug/L	15		27	A	-----		U	-----	U		-----	U	
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----		U	-----		U	-----	U		-----	U	
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----		U	-----		U	-----	U		-----	U	
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----		U	-----		U	-----	U		-----	U	
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----		U	-----		U	-----	U		-----	U	
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----		#	-----		#	-----		#	-----	J	#
7440-70-2	Calcium	ILM04-1-M	ug/L	11600		24000	A		22000	A	-----		#	-----		#
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----		#	-----		#	-----	U		-----	U	
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----		#	-----		#	-----		#	-----		#
7440-23-5	Sodium	ILM04-1-M	ug/L	20000		100000	L A		110000	L A	-----	UL		-----	L	#
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----		U	-----		U	-----	U		-----	U	
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----		U	-----		U	-----	U		-----	U	

301735

Roosevelt Field
Groundwater Round 1 - Exceedance Table
Inorganic Analytes - AES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-9398-R1 3/23/2006 21 to 22 ft				GWX-9966-R1 3/24/2006 38 to 51 ft				GWX-9953-R1 3/24/2006 35 to 40 ft			
(Group Code)	**(Group Description)**															
5-DESA-Metals-AES	**Inorganic Analytes**															
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U	
7429-90-5	Aluminum	ILM04-1-M	ug/L	200	-----		U		-----		U		-----		U	
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----		U		-----		U		-----		U	
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----			#	-----			#	-----			#
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----		U		-----		U		-----		U	
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----		U		-----		U		-----		U	
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U	
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----		U		-----			#	-----		U	
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----		U		-----		U		-----		U	
7439-89-6	Iron	ILM04-1-M	ug/L	300	-----		U			26000		A		6400		A
7439-96-5	Manganese	ILM04-1-M	ug/L	300	-----		U			430		A	-----			#
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----		U		-----			#	-----		U	
7439-92-1	Lead	ILM04-1-M	ug/L	15	-----		U		-----			#	-----		U	
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----		U		-----		U		-----		U	
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----		U		-----		U		-----		U	
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----		U		-----		U		-----		U	
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U	
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----		U		-----			#	-----		U	
7440-70-2	Calcium	ILM04-1-M	ug/L	11600		24000		A	-----			#		19000		A
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----			#	-----		U		-----			#
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----			#	-----		U		-----			#
7440-23-5	Sodium	ILM04-1-M	ug/L	20000	-----		L	#	-----		UL			24000	L	A
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----		U		-----		U		-----		U	
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----		U		-----		U		-----		U	

301736

Round 2

301737

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-2-R2 7/12/2006 400 to 405 ft			GWM-01-3-R2 7/14/2006 370 to 375 ft			GWM-01-4-R2 4/12/2006 315 to 320 ft			GWM-01-5-R2 7/13/2006 290 to 295 ft			GWM-01-6-R2 7/13/2006 250 to 255 ft		
(Group Code)	**(Group Description)**																		
1-Trace-V	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5	R		0.5	U		0.5	R		0.5	U		0.5	U	
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	R		0.5	U		0.5	R		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	R		0.5	U		0.5	R		0.5	U		0.5	U	
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	R		0.5	U		0.5	R		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	1		#	4.2		#	16		A	20		A	10		A
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	0.5	U		4		#	0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.72		#	0.5	U	
67-64-1	Acetone	Trace-V	ug/L	50	1.6	J	#	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5	R		0.5	U		0.5	R		0.5	U		0.5	U	
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	Trace-V	ug/L	5	0.5	U		0.78		#	0.5	U		0.8	U		0.94	U	
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	0.39	J	#	1.1		#	9.9		#	8.1		#	1.8		#
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	5.6		A	9.4		A	3.8		#	0.81		#	0.5	U	
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	0.13	J	#	0.22	J	#	0.5	U		0.5	U		0.5	U	
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	1.7		#	3.7		#	0.8		#	0.18	J	#	0.5	U	
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5	U		0.49	J	#	0.5	U		0.5	U		0.5	U	
71-43-2	Benzene	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	R		20	R		20	R		20	U		20	U	
79-01-6	Trichloroethene	Trace-V	ug/L	5	0.99		#	2.4		#	0.92		#	0.5	U		0.5	U	
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	0.7		#	0.8		#	0.8		#	0.21	J	#	0.5	U	
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-7-R2 7/13/2006 200 to 205 ft			GWM-01-8-R2 7/13/2006 150 to 155 ft			GWM-01-9-R2 7/13/2006 100 to 105 ft			GWM-01-10-R2 7/13/2006 50 to 55 ft			GWM-02-1-R2 7/13/2006 450 to 455 ft			GWM-02-2-R2 7/13/2006 410 to 415 ft		
(Group Code)	**(Group Description)**																					
1-Trace-V	**Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		3		#	8.2		A
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	Trace-V	ug/L	5	0.97	U		0.85	U		0.76	U		0.76	U		0.89	U		0.88	U	
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.22	J	#
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	0.15	J	#	0.5	U		0.5	U		0.5	U		0.97		#	0.54		#
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.87		#
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.74		#	4.1		#
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.03	J	#	0.5	U	
71-43-2	Benzene	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	U		20	U		20	UJ		20	U		20	U		20	U	
79-01-6	Trichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		15		A	17		A
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.05	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		1.8		#	2.3		#
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		5	U		2.2	J	#	5	U		5	U		5	U	
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-3-R2 7/13/2006 370 to 375 ft			GWM-02-4-R2 7/13/2006 330 to 335 ft			GWM-02-5-R2 7/13/2006 290 to 295 ft			GWM-02-6-R2 7/14/2006 250 to 255 ft			GWM-02-7-R2 7/13/2006 190 to 195 ft			GWM-02-8-R2 7/13/2006 150 to 155 ft		
(Group Code)	**(Group Description)**																					
1-Trace-V	**Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.5	U		0.39	J	#	0.44	J	#	0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	Trace-V	ug/L	5	1.3	U		0.73	U		1.6	U		0.93		#	0.61	U		0.62	U	
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.58		#	0.35	J	#	0.24	J	#	0.84		#	0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	1.1		#	0.58		#	0.67		#	1.1		#	0.72		#	1.4		#
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	0.38	J	#	0.19	J	#	0.17	J	#	0.33	J	#	0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	10		A	5.8		A	5.7		A	10		A	0.34	J	#	0.48	J	#
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		5	U		5	U		60		A	68		A	5	U	
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.27	J	#	0.5	U		0.5	U	
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5	U		0.06	J	#	0.07	J	#	0.13	J	#	0.1	J	#	0.06	J	#
71-43-2	Benzene	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.15	J	#	0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	R		20	U		20	U		20	R		20	U		20	U	
79-01-6	Trichloroethene	Trace-V	ug/L	5	38	J	A	21		A	23	J	A	17		A	12		A	18		A
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	4.4		#	2.6		#	2.2		#	4.3		#	2.3		#	2.3		#
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		3.2	J	#	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-9-R2 7/13/2006 100 to 105 ft			GWM-02-10-R2 7/13/2006 50 to 55 ft			GWM-03-1-R2 7/17/2006 450 to 455 ft			GWM-03-2-R2 7/17/2006 390 to 395 ft			GWM-03-3-R2 7/17/2006 370 to 375 ft			GWM-03-4-R2 7/17/2006 290 to 295 ft		
(Group Code)	**(Group Description)**																					
1-Trace-V	**Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.1	J	#	0.1	J	#	52		A	15		A	9.2		A	0.5	U	
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		1		#	0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	Trace-V	ug/L	50	5	U		5	U		3.1	J	#	5	U		5	U		5	U	
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	Trace-V	ug/L	5	1.9	U		4.1		#	0.54	U		1.4	U		1	U		1.3	U	
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	4.6		#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		1.1		#	5.8		A	3.3		#	0.5	U	
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	0.76		#	0.14	J	#	0.12	J	#	0.8		#	0.61		#	0.5	U	
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.26	J	#	1.4		#	0.93		#	0.5	U	
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.21	J	#	0.5	U		0.5	U	
71-43-2	Benzene	Trace-V	ug/L	1	0.07	J	#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	U		20	U		20	U		20	U		20	U		20	U	
79-01-6	Trichloroethene	Trace-V	ug/L	5	18		A	1		#	6.1		A	14		A	13		A	0.51		#
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.04	J	#	0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	0.38	J	#	0.14	J	#	0.5	U		0.5	U		0.3	J	#	0.24	J	#
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		2.8	J	#	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-03-5-R2 7/17/2006 170 to 175 ft	GWM-03-6-R2 7/17/2006 100 to 105 ft	GWM-03-7-R2 7/17/2006 50 to 55 ft	GWM-04-1-R2 7/14/2006 420 to 425 ft	GWM-04-2-R2 7/14/2006 400 to 405 ft	GWM-04-3-R2 7/14/2006 350 to 355 ft
(Group Code)	**(Group Description)**									
1-Trace-V	**Volatile Organic Compounds**									
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11 J A
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	14 A	9.6 A	0.5 U
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	5.8 A	4 #	9.7 A
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	Trace-V	ug/L	50	5 U	4.2 J #	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	Trace-V	ug/L	5	1.4 U	0.5 U	0.5 U	1.2 #	3 #	1.4 #
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 R	0.5 U	0.45 J #
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	4.7 #	0.33 J #	0.5 U	3 #	2.5 #	15 A
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	1.5 #	0.28 J #	0.5 U	6 A	3.3 #	1.1 #
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	2.2 J #	2.9 #	11 J A
78-93-3	2-Butanone	Trace-V	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	Trace-V	ug/L	7	0.5 U	0.5 U	0.5 U	3.8 #	2.3 #	0.53 #
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	0.5 U	0.77 #	0.63 #	2.6 #	1.7 #	2.7 #
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5 U	0.12 J #	0.07 J #	1.8 #	2.9 #	0.29 J #
71-43-2	Benzene	Trace-V	ug/L	1	0.17 J #	0.5 U	0.5 U	0.5 U	0.5 U	0.7 #
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20 U	20 U	20 U	20 R	20 R	20 R
79-01-6	Trichloroethene	Trace-V	ug/L	5	1 #	0.5 U	0.5 U	21 J A	22 A	180 A
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	Trace-V	ug/L	5	0.5 U	0.04 J #	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	0.46 J #	0.64 #	0.54 #	21 J A	29 A	210 A
591-78-6	2-Hexanone	Trace-V	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-4-R2 7/14/2006 305 to 310 ft			GWM-04-5-R2 7/14/2006 285 to 290 ft			GWM-04-6-R2 7/17/2006 245 to 250 ft			GWM-04-7-R2 7/17/2006 185 to 190 ft			GWM-04-8-R2 7/17/2006 145 to 150 ft			GWM-04-9-R2 7/17/2006 100 to 105 ft		
(Group Code)	**(Group Description)**																					
1-Trace-V	**Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	13		A	12		A	0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.5	U		0.11	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	4.8		#	3.4		#	2		#	0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	Trace-V	ug/L	5	1.3		#	1.4		#	1.2	U		0.5	U		1.7	U		0.86	U	
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	13		A	18		A	21		A	26	J	A	9.9		#	0.5	U	
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	0.52		#	0.49	J	#	0.54		#	0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	5		#	4.7		#	7.8		A	2.7		#	1.4		#	0.62		#
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		5	U		17		#	5	U		5	U		5	U	
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	1.7		#	1.2		#	0.89		#	0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.12	J	#	0.08	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
71-43-2	Benzene	Trace-V	ug/L	1	0.43	J	#	0.36	J	#	0.58		#	0.32	J	#	0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.96		A	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	UJ		20	U		20	U		20	U		20	U		20	U	
79-01-6	Trichloroethene	Trace-V	ug/L	5	200		A	130		A	94		A	120		A	16		A	2.9		#
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	Trace-V	ug/L	5	0.04	J	#	0.5	U		0.35	J	#	0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	200		A	100		A	94		A	25		A	16		A	14		A
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5	U		0.07	J	#	0.5	U		0.5	U		0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-10-R2 7/17/2006 45 to 50 ft			GWM-05-1-R2 7/19/2006 430 to 435 ft			GWM-05-2-R2 7/19/2006 405 to 410 ft			GWM-05-3-R2 7/19/2006 355 to 360 ft			GWM-05-4-R2 7/19/2006 310 to 315 ft			GWM-05-5-R2 7/19/2006 290 to 295 ft		
(Group Code)	**(Group Description)**																					
1-Trace-V	**Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		1.8		#	0.5	U		0.5	U		0.64		#
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	0.5	U		0.5	U		0.5	U		0.95		#	1.6		#	1.2		#
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.62		#	1.7		#	2.3		#	1.6		#
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	0.13	J	#	1.1		#	2.9		#	1.8		#	2		#	2		#
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.16	J	#	0.05	J	#	0.17	J	#	0.2	J	#
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5	U		0.43	J	#	0.87		#	0.19	J	#	0.11	J	#	0.12	J	#
71-43-2	Benzene	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.13	J	#	0.03	J	#	0.5	U	
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	U		20	U		20	U		20	U		20	U		20	U	
79-01-6	Trichloroethene	Trace-V	ug/L	5	1.6		#	9.3		A	28		A	14		A	18		A	18		A
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	0.31	J	#	0.35	J	#	0.92		#	0.63		#	0.73		#	0.6		#
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.47	J	#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-05-6-R2 7/18/2006 250 to 255 ft			GWM-05-7-R2 7/19/2006 190 to 195 ft			GWM-05-8-R2 7/19/2006 150 to 155 ft			GWM-05-9-R2 7/19/2006 95 to 100 ft			GWM-05-10-R2 7/19/2006 45 to 50 ft			GWM-06-1-R2 7/19/2006 445 to 450 ft		
(Group Code)	**(Group Description)**																					
1-Trace-V	**Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		1.4		#	0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.08	J	#	0.5	U		0.5	U		0.22	J	#
67-64-1	Acetone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.55	U		0.5	U		1		#
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	0.98		#	0.49	J	#	1.1		#	0.5	U		0.99		#	0.5	U	
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	1.4		#	2.7		#	3.1		#	0.5	U		1		#	0.5	U	
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	1.8		#	0.26	J	#	0.25	J	#	0.5	U		0.18	J	#	0.67		#
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.58	U	
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	0.49	J	#	0.97		#	0.85		#	0.5	U		0.29	J	#	0.57		#
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5	U		0.12	J	#	0.16	J	#	0.5	U		0.5	U		0.06	J	#
71-43-2	Benzene	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	U		20	U		20	U		20	U		20	U		20	U	
79-01-6	Trichloroethene	Trace-V	ug/L	5	12		A	2.1		#	1.7		#	0.19	J	#	1.6		#	1.4		#
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	0.72		#	0.4	J	#	0.49	J	#	0.11	J	#	0.37	J	#	0.5	U	
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5	U		0.06	J	#	0.5	U		0.5	U		0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-06-2-R2 - 7/19/2006 365 to 370 ft			GWM-06-3-R2 7/19/2006 245 to 250 ft			GWM-06-4-R2 7/19/2006 175 to 180 ft			GWM-06-5-R2 7/20/2006 100 to 105 ft			GWM-06-6-R2 7/19/2006 45 to 50 ft			GWM-07-1-R2 7/11/2006 445 to 450 ft		
(Group Code)	**(Group Description)**																					
1-Trace-V	**Volatile Organic Compounds**																					
75-71-8	*Dichlorodifluoromethane*	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	U		0.5		#	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	0.5	U		9.7		A	6.7		A	16		A	0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	Trace-V	ug/L	50	5	U		8.2		#	5	U		5	U		130		A	5	U	
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.47	J	#	0.36	J	#	0.37	J	#	0.5	U		0.37	J	#	0.5	U	
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		6.7		~	0.5	U	
75-09-2	Methylene Chloride	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		1.5	U		0.5	U		1.7	U	
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	0.17	J	#	9.5		A	9.3		A	25	J	A	0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	0.19	J	#	5.9	J	A	3.7	J	#	17	J	A	0.5	U		0.5	U	
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		2.1	J	#	5	U		5	U		22		#	5	U	
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	0.22	J	#	0.22	J	#	1.8		#	6.1		A	0.47	J	#	0.5	U	
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5	U		0.5	U		0.29	J	#	1		#	0.5	U		0.5	U	
71-43-2	Benzene	Trace-V	ug/L	1	0.5	U		0.5	U		0.063	J	#	0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	U		20	U		20	U		20	U		20	R		20	U	
79-01-6	Trichloroethene	Trace-V	ug/L	5	0.5	U		2.3		#	1		#	2.5		#	0.5	U		0.24	J	#
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.17	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	*4-Methyl-2-pentanone*	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	Trace-V	ug/L	5	0.5	U		800		A	0.79		#	0.69		#	270		A	0.5	U	
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	UJ		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.5	UJ		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	0.5	U		0.29	J	#	0.24	J	#	0.54		#	0.087	J	#	0.5	U	
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-07-2-R2 7/12/2006 425 to 430 ft			GWM-07-3-R2 7/11/2006 310 to 315 ft			GWM-07-4-R2 7/11/2006 205 to 210 ft			GWM-07-5-R2 7/11/2006 100 to 105 ft			GWM-07-6-R2 7/11/2006 45 to 50 ft			GWM-08-1-R2 7/18/2006 435 to 440 ft		
(Group Code)	**(Group Description)**																					
1-Trace-V	**Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5	R		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	R		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	R		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	R		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	5.2		A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	Trace-V	ug/L	50	2	J	#	5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5	R		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	Trace-V	ug/L	5	0.57		#	0.5	U		1.2	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.07	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	0.76		#	3.9		#	0.5	U		0.5	U		0.5	U		0.5	U	
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	1.6		#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-43-2	Benzene	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	R		20	U		20	U		20	U		20	U		20	U	
79-01-6	Trichloroethene	Trace-V	ug/L	5	6.2		A	20		A	0.81		#	1.8		#	0.5	U		1.4		#
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	Trace-V	ug/L	5	0.5	U		0.04	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	0.5	U		7.7		A	0.56		#	0.69		#	0.5	U		6.7		A
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-08-2-R2 7/18/2006 370 to 375 ft			GWM-08-3-R2 7/18/2006 235 to 240 ft			GWM-08-4-R2 7/18/2006 155 to 160 ft			GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006 155 to 160 ft			GWM-08-5-R2 7/18/2006 100 to 105 ft			GWM-08-6-I 7/18/2006 45 to 50 ft	
(Group Code)	**(Group Description)**																				
1-Trace-V	**Volatile Organic Compounds**																				
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
67-64-1	Acetone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-09-2	Methylene Chloride	Trace-V	ug/L	5	0.5	U		0.5	U		0.63	U		0.5	U		0.5	U		0.5	U
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	0.46	J	#	0.5	U		0.5	U		0.16	J	#	0.3	J	#	0.5	U
78-93-3	2-Butanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
67-66-3	Chloroform	Trace-V	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
71-43-2	Benzene	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20	U		20	U		20	U		20	U		20	U		20	U
79-01-6	Trichloroethene	Trace-V	ug/L	5	3.2		#	1.1		#	1.6		#	1		#	2		#	0.5	U
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U
108-88-3	Toluene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	13		A	23		A	23		A	40		A	57		A	0.35	J
591-78-6	2-Hexanone	Trace-V	ug/L	50	5	U		5	U		5	U		5	U		5	U		5	U
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.16	J	#	0.5	U		0.5	U

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	R2	GWP-10-R2 7/10/2006 377 to 417			GWP-11-R2 7/10/2006 370 to 417			GWP-11-R2-DUP GWP-21-R2 7/10/2006 370 to 417			GWX-10019-R2 7/11/2006 223 to 228 ft			GWX-10020-R2 7/10/2006 185 to 190 ft			GWX-10035-R 7/11/2006 48 to 53 ft	
(Group Code)	**(Group Description)**																					
1-Trace-V	**Volatile Organic Compounds**																					
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5		21		A	0.5	U		3.9	U		0.75	U		4	U		0.5	U
74-87-3	Chloromethane	Trace-V	ug/L	5		0.69	U		0.5	U		0.5	U		0.5	U		5.5	U		0.5	U
75-01-4	Vinyl Chloride	Trace-V	ug/L	2		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
74-83-9	Bromomethane	Trace-V	ug/L	5		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-00-3	Chloroethane	Trace-V	ug/L	5		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5		3.9		#	1.3		#	0.5	U		1.9		#	0.5	U		0.5	U
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5		12		A	3.7		#	0.5	U		0.5	U		0.5	U		0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
67-64-1	Acetone	Trace-V	ug/L	50		5	U		5	U		5	U		5	U		7.7	J	#	2.8	J
75-15-0	Carbon Disulfide	Trace-V	ug/L	50		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-09-2	Methylene Chloride	Trace-V	ug/L	5		2.4	U		0.72	U		4.2	U		0.84	U		4.8	U		0.91	U
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5		0.64	J	#	0.06	J	#	0.2	J	#	0.24	J	#	0.5	U		0.5	U
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10		0.77		#	0.5	U		0.5	U		24		A	0.5	U		0.5	U
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5		2.5		#	0.74		#	0.98		#	0.22	J	#	0.5	U		0.5	U
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5		26	J	A	10		A	15		A	23		A	0.5	U		0.5	U
78-93-3	2-Butanone	Trace-V	ug/L	50		5	U		5	U		5	U		5	U		5	U		5	U
74-97-5	Chlorobromomethane	Trace-V	ug/L	5		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
67-66-3	Chloroform	Trace-V	ug/L	7		1.5		#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5		4.8		#	2		#	2		#	0.5	U		0.5	U		0.5	U
110-82-7	Cyclohexane	Trace-V	ug/L	N/A		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5		1.2		#	0.46	J	#	0.33	J	#	0.28	J	#	0.5	U		0.5	U
71-43-2	Benzene	Trace-V	ug/L	1		0.32	J	#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A		20	U		20	U		20	U		20	U		20	U		20	U
79-01-6	Trichloroethene	Trace-V	ug/L	5		220		A	160		A	120		A	170		A	0.14	J	#	0.31	J
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
75-27-4	Bromodichloromethane	Trace-V	ug/L	50		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50		5	U		5	U		5	U		5	U		5	U		5	U
108-88-3	Toluene	Trace-V	ug/L	5		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1		0.28	J	#	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	#	230		A	58		A	48		A	2.2		#	0.5	U		0.5	U
591-78-6	2-Hexanone	Trace-V	ug/L	50		5	U		5	U		5	U		5	U		5	U		5	U
124-48-1	Dibromochloromethane	Trace-V	ug/L	50		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-8068-R2 7/10/2006 286 to 291	GWX-8474-R2 7/10/2006 485 to 556 ft	GWX-8475-R2 7/10/2006 409 to 481 ft	GWX-9398-R2 7/12/2006 21 to 22 ft	GWX-9966-R2 7/11/2006 38 to 51 ft	GWX-9953-R2 7/12/2006 35 to 40 ft
(Group Code)	**(Group Description)**									
1-Trace-V	**Volatile Organic Compounds**									
75-71-8	Dichlorodifluoromethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	Trace-V	ug/L	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	Trace-V	ug/L	5	1.2 #	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	Trace-V	ug/L	5	17 A	7.4 A	20 J A	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Trace-V	ug/L	5	5.5 A	1.2 #	4.9 #	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	Trace-V	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	Trace-V	ug/L	5	0.5 U	0.52 U	0.64 U	2.4 #	0.52 U	2.2 #
156-60-5	trans-1,2-Dichloroethene	Trace-V	ug/L	5	0.07 J #	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U #
1634-04-4	Methyl tert-Butyl Ether	Trace-V	ug/L	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.3 #
75-34-3	1,1-Dichloroethane	Trace-V	ug/L	5	1.2 #	0.48 J #	0.75 #	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	Trace-V	ug/L	5	5.3 J A	1.4 J #	0.79 J #	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	Trace-V	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
74-97-5	Chlorobromomethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	Trace-V	ug/L	7	3.8 #	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	Trace-V	ug/L	5	4.1 #	2.7 #	6.9 A	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	Trace-V	ug/L	5	0.44 J #	0.42 J #	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	Trace-V	ug/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	Trace-V	ug/L	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
123-91-1	1,4-Dioxane	Trace-V	ug/L	N/A	20 U	20 U	20 U	20 R	20 U	20 R
79-01-6	Trichloroethene	Trace-V	ug/L	5	54 A	25 A	16 A	0.5 U	0.5 U	0.5 U
108-87-2	Metylcyclohexane	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	Trace-V	ug/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	Trace-V	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	Trace-V	ug/L	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	Trace-V	ug/L	1	0.18 J #	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	Trace-V	ug/L	5	170 A	6.3 A	3.7 #	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	Trace-V	ug/L	50	5 U	3 J #	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-2-R2 7/12/2006 400 to 405 ft	GWM-01-3-R2 7/14/2006 370 to 375 ft	GWM-01-4-R2 4/12/2006 315 to 320 ft	GWM-01-5-R2 7/13/2006 290 to 295 ft	GWM-01-6-R2 7/13/2006 250 to 255 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 U	0.47 J A	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**								
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 R	2 R	2 R	2 R	2 R
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-7-R2 7/13/2006 200 to 205 ft	GWM-01-8-R2 7/13/2006 150 to 155 ft	GWM-01-9-R2 7/13/2006 100 to 105 ft	GWM-01-10-R2 7/13/2006 50 to 55 ft	GWM-02-1-R2 7/13/2006 450 to 455 ft	GWM-02-2-R2 7/13/2006 410 to 415 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**									
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 R	2 R	2 R	2 R	2 U	2 U
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-3-R2 7/13/2006 370 to 375 ft	GWM-02-4-R2 7/13/2006 330 to 335 ft	GWM-02-5-R2 7/13/2006 290 to 295 ft	GWM-02-6-R2 7/14/2006 250 to 255 ft	GWM-02-7-R2 7/13/2006 190 to 195 ft	GWM-02-8-R2 7/13/2006 150 to 155 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**									
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 U	2 U	2 U	2 R	2 U	2 U
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-9-R2 7/13/2006 100 to 105 ft	GWM-02-10-R2 7/13/2006 50 to 55 ft	GWM-03-1-R2 7/17/2006 450 to 455 ft	GWM-03-2-R2 7/17/2006 390 to 395 ft	GWM-03-3-R2 7/17/2006 370 to 375 ft	GWM-03-4-R2 7/17/2006 290 to 295 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.02 J #	0.5 U	0.5 U	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**									
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 U	2 R	2 R	2 R	2 R	2 R
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-03-5-R2 7/17/2006 170 to 175 ft	GWM-03-6-R2 7/17/2006 100 to 105 ft	GWM-03-7-R2 7/17/2006 50 to 55 ft	GWM-04-1-R2 7/14/2006 420 to 425 ft	GWM-04-2-R2 7/14/2006 400 to 405 ft	GWM-04-3-R2 7/14/2006 350 to 355 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.05 J #	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**									
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 R	2 R	2 R	2 R	2 R	2 R
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code *Sample Name* Sample Date Unit \\ Depth	Site-Specific *Groundwater* Screening Criteria	GWM-04-4-R2 7/14/2006 305 to 310 ft	GWM-04-5-R2 7/14/2006 285 to 290 ft	GWM-04-6-R2 7/17/2006 245 to 250 ft	GWM-04-7-R2 7/17/2006 185 to 190 ft	GWM-04-8-R2 7/17/2006 145 to 150 ft	GWM-04-9-R2 7/17/2006 100 to 105 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.07 J #	0.5 U	0.5 U	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.08 J ~	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.21 J ~	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.06 J #	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**									
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 R	2 R	2 R	2 R	2 R	2 R
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-10-R2 7/17/2006 45 to 50 ft	GWM-05-1-R2 7/19/2006 430 to 435 ft	GWM-05-2-R2 7/19/2006 405 to 410 ft	GWM-05-3-R2 7/19/2006 355 to 360 ft	GWM-05-4-R2 7/19/2006 310 to 315 ft	GWM-05-5-R2 7/19/2006 290 to 295 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**									
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 R	2 U	2 U	2 U	2 U	2 U
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-05-6-R2 7/18/2006 250 to 255 ft			GWM-05-7-R2 7/19/2006 190 to 195 ft			GWM-05-8-R2 7/19/2006 150 to 155 ft			GWM-05-9-R2 7/19/2006 95 to 100 ft			GWM-05-10-R2 7/19/2006 45 to 50 ft			GWM-06-1-R2 7/19/2006 445 to 450 ft		
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	Trace-V	ug/L	50	0.5	U		0.27	J	#	0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5	U		0.5	UJ		0.5	U		0.5	U		0.5	UJ		0.5	U	
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**																					
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2	U		2	U		2	U		2	U		2	U		2	U	
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-06-2-R2 7/19/2006 365 to 370 ft	GWM-06-3-R2 7/19/2006 245 to 250 ft	GWM-06-4-R2 7/19/2006 175 to 180 ft	GWM-06-5-R2 7/20/2006 100 to 105 ft	GWM-06-6-R2 7/19/2006 45 to 50 ft	GWM-07-1-R2 7/11/2006 445 to 450 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.23 J #	0.089 J #	0.5 U	0.42 J #	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.026 J #	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.11 J #	0.5 U	0.5 U	1.7 #	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.042 J #	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**									
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 U	2.4 -	2 U	6 -	2 U	2 R
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-07-2-R2 7/12/2006 425 to 430 ft			GWM-07-3-R2 7/11/2006 310 to 315 ft			GWM-07-4-R2 7/11/2006 205 to 210 ft			GWM-07-5-R2 7/11/2006 100 to 105 ft			GWM-07-6-R2 7/11/2006 45 to 50 ft			GWM-08-1-R2 7/18/2006 435 to 440 ft		
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	Trace-V	ug/L	50	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**																					
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2	R		2	R		2	R		2	R		2	R		2	U	
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-08-2-R2 7/18/2006 370 to 375 ft	GWM-08-3-R2 7/18/2006 235 to 240 ft	GWM-08-4-R2 7/18/2006 155 to 160 ft	GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006 155 to 160 ft	GWM-08-5-R2 7/18/2006 100 to 105 ft	GWM-08-6-I 7/18/2006 45 to 50 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**									
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 U	2 U	2 U	2 U	2 U	2 U
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	R2	GWP-10-R2 7/10/2006 377 to 417	GWP-11-R2 7/10/2006 370 to 417	GWP-11-R2-DUP GWP-21-R2 7/10/2006 370 to 417	GWX-10019-R2 7/11/2006 223 to 228 ft	GWX-10020-R2 7/10/2006 185 to 190 ft	GWX-10035-R2 7/11/2006 48 to 53 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50		0.5 U	0.5 U	0.5 U	0.5 R	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3		0.5 U	0.5 U	0.5 U	0.5 R	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3		0.5 U	0.5 U	0.5 U	0.5 R	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3		0.5 U	0.5 U	0.5 U	0.5 R	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04		0.5 U	0.5 U	0.5 U	0.5 R	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5		0.5 U	0.5 U	0.5 U	0.5 R	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5		0.5 U	0.5 U	0.5 U	0.5 R	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**										
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A		2 R	2 R	2 R	2 R	2 R	2 R
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-8068-R2 7/10/2006 286 to 291	GWX-8474-R2 7/10/2006 485 to 556 ft	GWX-8475-R2 7/10/2006 409 to 481 ft	GWX-9398-R2 7/12/2006 21 to 22 ft	GWX-9966-R2 7/11/2006 38 to 51 ft	GWX-9953-R2 7/12/2006 35 to 40 ft
106-93-4	1,2-Dibromoethane	Trace-V	ug/L	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.03 J #	0.5 U
95-47-6	o-Xylene	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J ~	0.5 U
179601-23-1	m,p-Xylenes	Trace-V	ug/L	N/A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	Trace-V	ug/L	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.02 J #	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.02 J #	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	Trace-V	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V	ug/L	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	Trace-V	ug/L	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Trace-V-SIM	**Volatile Organic Compounds - SIM**									
123-91-1	1,4-Dioxane	Trace-V-SIM	ug/L	N/A	2 R	2 R	3.2 J ~	2 R	2 R	2 R
106-93-4	1,2-Dibromoethane	Trace-V-SIM	ug/L	0.0006	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
96-12-8	1,2-Dibromo-3-chloropropane	Trace-V-SIM	ug/L	0.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-2-R2 7/12/2006 400 to 405 ft	GWM-01-3-R2 7/14/2006 370 to 375 ft	GWM-01-4-R2 4/12/2006 315 to 320 ft	GWM-01-5-R2 7/13/2006 290 to 295 ft	GWM-01-6-R2 7/13/2006 250 to 255 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**								
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A		5 U			
108-95-2	Phenol	Trace-SV-LOW	ug/L	50		5 U			
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1		5 U			
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5		5 U			
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50		5 U			
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5		5 U			
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50		5 U			
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50		5 U			
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50		5 U			
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5		5 U			
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4		5 U			
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50		5 U			
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50		5 U			
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50		5 U			
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5		5 U			
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5		5 U			
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50		5 U			
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5		5 U			
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5		5 U			
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A		5 U			
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5		5 U			
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A		5 U			
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5		5 U			
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5		5 U			
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5		5 U			
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5		5 U			
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5		5 U			
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5		10 U			
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50		5 U			
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5		5 U			
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50		5 U			
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5		10 U			
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50		5 U			
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10		10 U			
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50		10 U			
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50		5 U			
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5		5 U			
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50		5 U			
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50		5 U			

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-7-R2 7/13/2006 200 to 205 ft	GWM-01-8-R2 7/13/2006 150 to 155 ft	GWM-01-9-R2 7/13/2006 100 to 105 ft	GWM-01-10-R2 7/13/2006 50 to 55 ft	GWM-02-1-R2 7/13/2006 450 to 455 ft	GWM-02-2-R2 7/13/2006 410 to 415 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A						
108-95-2	Phenol	Trace-SV-LOW	ug/L	50						
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1						
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5						
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50						
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5						
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50						
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50						
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50						
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5						
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4						
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50						
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50						
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50						
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5						
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5						
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50						
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5						
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5						
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A						
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5						
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A						
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5						
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5						
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5						
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5						
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5						
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5						
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50						
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5						
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50						
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5						
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50						
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10						
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50						
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50						
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5						
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50						
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50						

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-3-R2 7/13/2006 370 to 375 ft	GWM-02-4-R2 7/13/2006 330 to 335 ft	GWM-02-5-R2 7/13/2006 290 to 295 ft	GWM-02-6-R2 7/14/2006 250 to 255 ft	GWM-02-7-R2 7/13/2006 190 to 195 ft	GWM-02-8-R2 7/13/2006 150 to 155 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A				5 U		
108-95-2	Phenol	Trace-SV-LOW	ug/L	50				5 U		
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1				5 U		
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5				5 U		
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50				5 U		
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5				5 U		
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50				5 U		
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50				5 U		
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50				5 U		
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5				5 U		
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4				5 U		
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50				5 U		
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50				5 U		
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50				5 U		
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5				5 U		
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5				5 U		
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50				5 U		
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5				5 U		
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5				5 U		
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A				5 U		
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5				5 U		
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A				5 U		
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5				5 U		
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5				5 U		
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5				5 U		
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5				5 U		
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5				5 U		
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5				10 U		
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50				5 U		
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5				5 U		
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50				5 U		
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5				10 U		
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50				5 U		
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10				10 U		
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50				10 U		
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50				5 U		
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5				5 U		
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50				5 U		
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50				5 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-9-R2 7/13/2006 100 to 105 ft	GWM-02-10-R2 7/13/2006 50 to 55 ft	GWM-03-1-R2 7/17/2006 450 to 455 ft	GWM-03-2-R2 7/17/2006 390 to 395 ft	GWM-03-3-R2 7/17/2006 370 to 375 ft	GWM-03-4-R2 7/17/2006 290 to 295 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A					5 U	
108-95-2	Phenol	Trace-SV-LOW	ug/L	50					5 U	
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1					5 U	
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5					5 U	
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50					5 U	
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5					5 U	
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50					5 U	
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50					5 U	
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50					5 U	
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5					5 U	
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4					5 U	
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50					5 U	
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50					5 U	
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50					5 U	
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5					5 U	
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5					5 U	
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50					5 U	
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5					5 U	
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5					5 U	
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A					5 U	
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5					5 U	
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A					5 U	
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5					5 U	
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5					5 U	
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5					5 U	
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5					5 U	
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5					5 U	
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5					10 U	
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50					5 U	
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5					5 U	
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50					5 U	
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5					10 U	
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50					5 U	
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10					10 U	
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50					10 U	
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50					5 U	
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5					5 U	
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50					5 U	
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50					5 U	

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-03-5-R2 7/17/2006 170 to 175 ft	GWM-03-6-R2 7/17/2006 100 to 105 ft	GWM-03-7-R2 7/17/2006 50 to 55 ft	GWM-04-1-R2 7/14/2006 420 to 425 ft	GWM-04-2-R2 7/14/2006 400 to 405 ft	GWM-04-3-R2 7/14/2006 350 to 355 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A						
108-95-2	Phenol	Trace-SV-LOW	ug/L	50						
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1						
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5						
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50						
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5						
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50						
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50						
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50						
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5						
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4						
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50						
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50						
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50						
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5						
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5						
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50						
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5						
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5						
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A						
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5						
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A						
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5						
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5						
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5						
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5						
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5						
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5						
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50						
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5						
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50						
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5						
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50						
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10						
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50						
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50						
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5						
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50						
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50						

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-4-R2 7/14/2006 305 to 310 ft	GWM-04-5-R2 7/14/2006 285 to 290 ft	GWM-04-6-R2 7/17/2006 245 to 250 ft	GWM-04-7-R2 7/17/2006 185 to 190 ft	GWM-04-8-R2 7/17/2006 145 to 150 ft	GWM-04-9-R2 7/17/2006 100 to 105 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A				5 U		
108-95-2	Phenol	Trace-SV-LOW	ug/L	50				5 U		
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1				5 U		
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5				5 U		
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50				5 U		
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5				5 U		
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50				5 U		
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50				5 U		
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50				5 U		
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5				5 U		
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4				5 U		
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50				5 U		
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50				5 U		
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50				5 U		
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5				5 U		
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5				5 U		
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50				5 U		
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5				5 U		
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5				5 U		
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A				5 U		
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5				5 U		
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A				5 U		
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5				5 U		
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5				5 U		
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5				5 U		
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5				5 U		
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5				5 U		
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5				10 U		
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50				5 U		
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5				5 U		
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50				5 U		
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5				10 U		
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50				5 U		
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10				10 U		
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50				10 U		
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50				5 U		
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5				5 U		
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50				5 U		
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50				5 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-10-R2 7/17/2006 45 to 50 ft	GWM-05-1-R2 7/19/2006 430 to 435 ft	GWM-05-2-R2 7/19/2006 405 to 410 ft	GWM-05-3-R2 7/19/2006 355 to 360 ft	GWM-05-4-R2 7/19/2006 310 to 315 ft	GWM-05-5-R2 7/19/2006 290 to 295 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A						
108-95-2	Phenol	Trace-SV-LOW	ug/L	50						
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1						
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5						
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50						
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5						
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50						
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50						
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50						
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5						
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4						
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50						
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50						
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50						
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5						
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5						
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50						
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5						
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5						
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A						
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5						
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A						
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5						
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5						
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5						
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5						
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5						
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5						
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50						
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5						
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50						
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5						
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50						
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10						
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50						
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50						
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5						
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50						
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50						

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-05-6-R2 7/18/2006 250 to 255 ft		GWM-05-7-R2 7/19/2006 190 to 195 ft		GWM-05-8-R2 7/19/2006 150 to 155 ft		GWM-05-9-R2 7/19/2006 95 to 100 ft		GWM-05-10-R2 7/19/2006 45 to 50 ft		GWM-06-1-R2 7/19/2006 445 to 450 ft	
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**															
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A	5	R										
108-95-2	Phenol	Trace-SV-LOW	ug/L	50	5	R										
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1	5	R										
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5	5	R										
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50	5	R										
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5	5	R										
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50	5	R										
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50	5	R										
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50	5	R										
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5	5	R										
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4	5	R										
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50	5	R										
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50	5	R										
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50	5	R										
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5	5	R										
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5	5	R										
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50	5	R										
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5	5	R										
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5	5	R										
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A	5	R										
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5	5	R										
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A	5	R										
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5	5	R										
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5	5	R										
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5	5	R										
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5	5	R										
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5	5	R										
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5	10	R										
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50	5	R										
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5	5	R										
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50	5	R										
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5	10	R										
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50	5	R										
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10	10	R										
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50	10	R										
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50	5	R										
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5	5	R										
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50	5	R										
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50	5	R										

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-06-2-R2 7/19/2006 365 to 370 ft	GWM-06-3-R2 7/19/2006 245 to 250 ft	GWM-06-4-R2 7/19/2006 175 to 180 ft	GWM-06-5-R2 7/20/2006 100 to 105 ft	GWM-06-6-R2 7/19/2006 45 to 50 ft	GWM-07-1-R2 7/11/2006 445 to 450 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A				5 U		
108-95-2	Phenol	Trace-SV-LOW	ug/L	50				5 U		
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1				5 U		
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5				5 U		
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50				5 U		
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5				5 U		
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50				5 U		
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50				5 U		
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50				5 U		
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5				5 U		
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4				5 U		
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50				5 U		
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50				5 U		
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50				5 U		
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5				5 U		
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5				5 U		
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50				5 U		
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5				5 U		
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5				5 U		
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A				5 U		
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5				5 U		
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A				5 U		
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5				5 U		
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5				5 U		
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5				5 U		
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5				5 U		
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5				5 U		
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5				10 U		
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50				5 U		
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5				5 U		
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50				5 U		
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5				10 U		
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50				5 U		
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10				10 U		
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50				10 U		
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50				5 U		
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5				5 U		
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50				5 U		
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50				5 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-07-2-R2 7/12/2006 425 to 430 ft	GWM-07-3-R2 7/11/2006 310 to 315 ft	GWM-07-4-R2 7/11/2006 205 to 210 ft	GWM-07-5-R2 7/11/2006 100 to 105 ft	GWM-07-6-R2 7/11/2006 45 to 50 ft	GWM-08-1-R2 7/18/2006 435 to 440 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A	5 U					
108-95-2	Phenol	Trace-SV-LOW	ug/L	50	5 U					
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1	5 U					
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5	5 U					
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50	5 U					
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5	5 U					
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50	5 U					
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50	5 U					
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50	5 U					
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5	5 U					
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4	5 U					
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50	5 U					
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50	5 U					
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50	5 U					
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5	5 U					
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5	5 U					
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50	5 U					
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5	5 U					
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5	5 U					
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A	5 U					
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5	5 U					
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A	5 U					
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5	5 U					
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5	5 U					
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5	5 U					
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5	5 U					
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5	5 U					
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5	10 U					
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50	5 U					
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5	5 U					
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50	5 U					
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5	10 U					
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50	5 U					
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10	10 U					
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50	10 U					
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50	5 U					
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5	5 U					
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50	5 U					
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50	5 U					

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-08-2-R2 7/18/2006 370 to 375 ft	GWM-08-3-R2 7/18/2006 235 to 240 ft	GWM-08-4-R2 7/18/2006 155 to 160 ft	GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006 155 to 160 ft	GWM-08-5-R2 7/18/2006 100 to 105 ft	GWM-08-6-I 7/18/2006 45 to 50 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A			5 R	5 R		
108-95-2	Phenol	Trace-SV-LOW	ug/L	50			5 R	5 R		
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1			5 R	5 R		
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5			5 R	5 R		
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50			5 R	5 R		
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5			5 R	5 R		
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50			5 R	5 R		
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50			5 R	5 R		
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50			5 R	5 R		
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5			5 R	5 R		
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4			5 R	5 R		
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50			5 R	5 R		
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50			5 R	5 R		
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50			5 R	5 R		
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5			5 R	5 R		
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5			5 R	5 R		
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50			5 R	5 R		
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5			5 R	5 R		
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5			5 R	5 R		
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A			5 R	5 R		
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5			5 R	5 R		
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A			5 R	5 R		
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5			5 R	5 R		
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5			5 R	5 R		
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5			5 R	5 R		
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5			5 R	5 R		
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5			5 R	5 R		
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5			10 R	10 R		
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50			5 R	5 R		
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5			5 R	5 R		
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50			5 R	5 R		
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5			10 R	10 R		
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50			5 R	5 R		
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10			10 R	10 R		
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50			10 R	10 R		
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50			5 R	5 R		
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5			5 R	5 R		
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50			5 R	5 R		
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50			5 R	5 R		

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	R2	GWP-10-R2 7/10/2006 377 to 417		GWP-11-R2 7/10/2006 370 to 417		GWP-11-R2-DUP / GWP-21-R2 7/10/2006 370 to 417		GWX-10019-R2 7/11/2006 223 to 228 ft		GWX-10020-R2 7/10/2006 185 to 190 ft			GWX-10035-I 7/11/2006 48 to 53 ft	
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**																	
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A		5	U	5	U	5	U	5	U	5	U		5	U
108-95-2	Phenol	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1		5	U	5	U	5	U	5	U	5	U		5	U
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4		5	U	5	U	5	U	5	U	5	U		5	U
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	UJ		5	U
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5		5	U	5	U	5	U	5	U	5	U		5	U
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A		5	U	5	U	5	U	5	U	5	U		5	U
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A		5	U	5	U	5	U	5	U	5	UJ		5	U
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	UJ		5	U
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5		10	U	10	U	10	U	10	U	10	U		10	U
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	UJ		5	U
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5		10	U	10	U	10	U	10	U	10	U		10	U
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	UJ		5	U
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10		10	U	10	U	10	U	10	U	10	U		10	U
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50		10	U	10	U	10	U	10	U	10	U		10	U
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5		5	U	5	U	5	U	5	U	5	U		5	U
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	0.22	J	#	5	U
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50		5	U	5	U	5	U	5	U	5	U		5	U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-8068-R2 7/10/2006 286 to 291	GWX-8474-R2 7/10/2006 485 to 556 ft	GWX-8475-R2 7/10/2006 409 to 481 ft	GWX-9398-R2 7/12/2006 21 to 22 ft	GWX-9966-R2 7/11/2006 38 to 51 ft	GWX-9953-R2 7/12/2006 35 to 40 ft
3-Trace-SV-Low	**Semi-Volatile Organic Compounds**									
100-52-7	Benzaldehyde	Trace-SV-LOW	ug/L	N/A	5 U	5 U	5 U	5 U	5 U	5 U
108-95-2	Phenol	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
111-44-4	bis(2-Chloroethyl) ether	Trace-SV-LOW	ug/L	1	5 U	5 U	5 U	5 U	5 U	5 U
95-57-8	2-Chlorophenol	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
95-48-7	2-Methylphenol	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
108-60-1	2,2'-oxybis(1-Chloropropane)	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
98-86-2	Acetophenone	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
106-44-5	4-Methylphenol	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
621-64-7	n-Nitroso-di-n-propylamine	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
67-72-1	Hexachloroethane	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
98-95-3	Nitrobenzene	Trace-SV-LOW	ug/L	0.4	5 U	5 U	5 U	5 U	5 U	5 U
78-59-1	Isophorone	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
88-75-5	2-Nitrophenol	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
105-67-9	2,4-Dimethylphenol	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
111-91-1	bis(2-Chloroethoxy)methane	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
120-83-2	2,4-Dichlorophenol	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
91-20-3	Naphthalene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
106-47-8	4-Chloroaniline	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
87-68-3	Hexachlorobutadiene	Trace-SV-LOW	ug/L	0.5	5 U	5 U	5 U	5 U	5 U	5 U
105-60-2	Caprolactam	Trace-SV-LOW	ug/L	N/A	5 U	5 U	5 U	5 U	5 U	5 U
59-50-7	4-Chloro-3-methylphenol	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
91-57-6	2-Methylnaphthalene	Trace-SV-LOW	ug/L	N/A	5 U	5 U	5 U	5 U	5 U	5 U
77-47-4	Hexachlorocyclopentadiene	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
88-06-2	2,4,6-Trichlorophenol	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
95-95-4	2,4,5-Trichlorophenol	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
92-52-4	1,1'-Biphenyl	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
91-58-7	2-Chloronaphthalene	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
88-74-4	2-Nitroaniline	Trace-SV-LOW	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethylphthalate	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
606-20-2	2,6-Dinitrotoluene	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
208-96-8	Acenaphthylene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
99-09-2	3-Nitroaniline	Trace-SV-LOW	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
83-32-9	Acenaphthene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
51-28-5	2,4-Dinitrophenol	Trace-SV-LOW	ug/L	10	10 U	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	Trace-SV-LOW	ug/L	50	10 U	10 U	10 U	10 U	10 U	10 U
132-64-9	Dibenzofuran	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
121-14-2	2,4-Dinitrotoluene	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
84-66-2	Diethylphthalate	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
86-73-7	Fluorene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-2-R2 7/12/2006 400 to 405 ft		GWM-01-3-R2 7/14/2006 370 to 375 ft		GWM-01-4-R2 4/12/2006 315 to 320 ft		GWM-01-5-R2 7/13/2006 290 to 295 ft		GWM-01-6-R2 7/13/2006 250 to 255 ft	
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50			5	U						
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5			10	U						
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50			10	U						
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50			5	U						
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A			5	U						
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50			5	U						
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04			5	U						
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3			5	U						
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1			10	U						
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50			5	U						
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50			5	U						
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50			5	U						
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50			5	U						
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50			5	U						
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50			5	U						
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50			5	U						
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5			5	U						
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002			5	U						
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002			5	U						
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5			5	U						
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50			5	U						
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002			5	U						
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002			5	U						
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2			5	U						
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002			5	U						
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50			5	U						
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50			5	U						
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A			5	U						

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-7-R2 7/13/2006 200 to 205 ft	GWM-01-8-R2 7/13/2006 150 to 155 ft	GWM-01-9-R2 7/13/2006 100 to 105 ft	GWM-01-10-R2 7/13/2006 50 to 55 ft	GWM-02-1-R2 7/13/2006 450 to 455 ft	GWM-02-2-R2 7/13/2006 410 to 415 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50						
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5						
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50						
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50						
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A						
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50						
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04						
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3						
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1						
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50						
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50						
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50						
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50						
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50						
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50						
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50						
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5						
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002						
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002						
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5						
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50						
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002						
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002						
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2						
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002						
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50						
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50						
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A						

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-3-R2 7/13/2006 370 to 375 ft	GWM-02-4-R2 7/13/2006 330 to 335 ft	GWM-02-5-R2 7/13/2006 290 to 295 ft	GWM-02-6-R2 7/14/2006 250 to 255 ft	GWM-02-7-R2 7/13/2006 190 to 195 ft	GWM-02-8-R2 7/13/2006 150 to 155 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50				5 U		
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5				10 U		
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50				10 U		
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50				5 U		
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A				5 U		
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50				5 U		
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04				5 U		
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3				5 U		
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1				10 U		
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50				5 U		
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50				5 U		
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50				5 U		
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50				5 U		
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50				5 U		
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50				5 U		
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50				5 U		
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5				5 U		
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002				5 U		
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002				5 U		
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5				5 U		
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50				5 U		
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002				5 U		
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002				5 U		
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2				5 U		
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002				5 U		
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50				0.33 J #		
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50				5 U		
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A				5 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-9-R2 7/13/2006 100 to 105 ft	GWM-02-10-R2 7/13/2006 50 to 55 ft	GWM-03-1-R2 7/17/2006 450 to 455 ft	GWM-03-2-R2 7/17/2006 390 to 395 ft	GWM-03-3-R2 7/17/2006 370 to 375 ft	GWM-03-4-R2 7/17/2006 290 to 295 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50					5 U	
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5					10 U	
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50					10 U	
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50					5 U	
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A					5 U	
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50					5 U	
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04					5 U	
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3					5 U	
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1					10 UJ	
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50					5 U	
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50					5 U	
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50					5 U	
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50					5 U	
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50					5 U	
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50					5 U	
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50					5 U	
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5					5 U	
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002					5 U	
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002					5 U	
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5					5 U	
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50					5 U	
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002					5 U	
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002					5 U	
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2					5 U	
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002					5 U	
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50					5 U	
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50					5 U	
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A					5 U	

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-03-5-R2 7/17/2006 170 to 175 ft	GWM-03-6-R2 7/17/2006 100 to 105 ft	GWM-03-7-R2 7/17/2006 50 to 55 ft	GWM-04-1-R2 7/14/2006 420 to 425 ft	GWM-04-2-R2 7/14/2006 400 to 405 ft	GWM-04-3-R2 7/14/2006 350 to 355 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50						
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5						
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50						
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50						
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A						
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50						
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04						
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3						
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1						
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50						
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50						
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50						
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50						
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50						
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50						
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50						
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5						
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002						
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002						
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5						
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50						
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002						
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002						
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2						
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002						
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50						
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50						
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A						

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-4-R2 7/14/2006 305 to 310 ft	GWM-04-5-R2 7/14/2006 285 to 290 ft	GWM-04-6-R2 7/17/2006 245 to 250 ft	GWM-04-7-R2 7/17/2006 185 to 190 ft	GWM-04-8-R2 7/17/2006 145 to 150 ft	GWM-04-9-R2 7/17/2006 100 to 105 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50				5 U		
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5				10 U		
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50				10 U		
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50				5 U		
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A				5 U		
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50				5 U		
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04				5 U		
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3				5 U		
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1				10 UJ		
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50				5 U		
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50				5 U		
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50				5 U		
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50				5 U		
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50				5 U		
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50				5 U		
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50				5 U		
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5				5 U		
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002				5 U		
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002				5 U		
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5				5 U		
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50				5 U		
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002				5 U		
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002				5 U		
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2				5 U		
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002				5 U		
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50				5 U		
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50				5 U		
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A				5 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-10-R2 7/17/2006 45 to 50 ft	GWM-05-1-R2 7/19/2006 430 to 435 ft	GWM-05-2-R2 7/19/2006 405 to 410 ft	GWM-05-3-R2 7/19/2006 355 to 360 ft	GWM-05-4-R2 7/19/2006 310 to 315 ft	GWM-05-5-R2 7/19/2006 290 to 295 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50						
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5						
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50						
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50						
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A						
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50						
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04						
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3						
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1						
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50						
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50						
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50						
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50						
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50						
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50						
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50						
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5						
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002						
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002						
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5						
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50						
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002						
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002						
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2						
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002						
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50						
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50						
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A						

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-05-6-R2 7/18/2006 250 to 255 ft		GWM-05-7-R2 7/19/2006 190 to 195 ft		GWM-05-8-R2 7/19/2006 150 to 155 ft		GWM-05-9-R2 7/19/2006 95 to 100 ft		GWM-05-10-R2 7/19/2006 45 to 50 ft		GWM-06-1-R2 7/19/2006 445 to 450 ft	
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50	5	R										
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5	10	R										
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50	10	R										
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50	5	R										
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A	5	R										
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50	5	R										
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04	5	R										
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3	5	R										
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1	10	R										
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50	5	R										
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50	5	R										
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50	5	R										
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50	5	R										
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50	5	R										
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50	5	R										
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50	5	R										
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5	5	R										
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002	5	R										
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002	5	R										
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5	5	R										
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50	5	R										
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002	5	R										
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002	5	R										
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2	5	R										
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002	5	R										
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50	5	R										
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50	5	R										
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A	5	R										

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-06-2-R2 7/19/2006 365 to 370 ft	GWM-06-3-R2 7/19/2006 245 to 250 ft	GWM-06-4-R2 7/19/2006 175 to 180 ft	GWM-06-5-R2 7/20/2006 100 to 105 ft	GWM-06-6-R2 7/19/2006 45 to 50 ft	GWM-07-1-R2 7/11/2006 445 to 450 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50				5 U		
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5				10 U		
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50				10 U		
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50				5 U		
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A				5 U		
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50				5 U		
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04				5 U		
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3				5 U		
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1				10 U		
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50				5 U		
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50				5 U		
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50				5 U		
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50				5 U		
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50				5 U		
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50				5 U		
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50				5 U		
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5				5 U		
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002				5 U		
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002				5 U		
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5				5 U		
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50				5 U		
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002				5 U		
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002				5 U		
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2				5 U		
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002				5 U		
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50				5 U		
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50				5 U		
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A				5 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-07-2-R2 7/12/2006 425 to 430 ft	GWM-07-3-R2 7/11/2006 310 to 315 ft	GWM-07-4-R2 7/11/2006 205 to 210 ft	GWM-07-5-R2 7/11/2006 100 to 105 ft	GWM-07-6-R2 7/11/2006 45 to 50 ft	GWM-08-1-R2 7/18/2006 435 to 440 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50	5 U					
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5	10 U					
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50	10 U					
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50	5 U					
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A	5 U					
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50	5 U					
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04	5 U					
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3	5 U					
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1	10 U					
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50	5 U					
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50	5 U					
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50	5 U					
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50	5 U					
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50	5 U					
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50	5 U					
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50	5 U					
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5	5 U					
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002	5 U					
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002	5 U					
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5	5 U					
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50	5 U					
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002	5 U					
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002	5 U					
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2	5 U					
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002	5 U					
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50	5 U					
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50	5 U					
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A	5 U					

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-08-2-R2 7/18/2006 370 to 375 ft	GWM-08-3-R2 7/18/2006 235 to 240 ft	GWM-08-4-R2 7/18/2006 155 to 160 ft	GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006 155 to 160 ft	GWM-08-5-R2 7/18/2006 100 to 105 ft	GWM-08-6- 7/18/200 45 to 50 f
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50			5 R	5 R		
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5			10 R	10 R		
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50			10 R	10 R		
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50			5 R	5 R		
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A			5 R	5 R		
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50			5 R	5 R		
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04			5 R	5 R		
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3			5 R	5 R		
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1			10 R	10 R		
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50			5 R	5 R		
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50			5 R	5 R		
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50			5 R	5 R		
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50			5 R	5 R		
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50			5 R	5 R		
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50			5 R	5 R		
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50			5 R	5 R		
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5			5 R	5 R		
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002			5 R	5 R		
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002			5 R	5 R		
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5			5 R	5 R		
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50			5 R	5 R		
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002			5 R	5 R		
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002			5 R	5 R		
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2			5 R	5 R		
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002			5 R	5 R		
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50			5 R	5 R		
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50			5 R	5 R		
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A			5 R	5 R		

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	R2	GWP-10-R2 7/10/2006 377 to 417	GWP-11-R2 7/10/2006 370 to 417	GWP-11-R2-DUP GWP-21-R2 7/10/2006 370 to 417	GWX-10019-R2 7/11/2006 223 to 228 ft	GWX-10020-R2 7/10/2006 185 to 190 ft	GWX-10035-R2 7/11/2006 48 to 53 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5		10 U	10 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50		10 U	10 U	10 U	10 U	10 U	10 U
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A		5 U	5 U	5 U	5 U	5 U	5 U
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04		5 U	5 U	5 U	5 U	5 U	5 U
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3		5 U	5 U	5 U	5 U	5 U	5 U
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1		10 U	10 U	10 U	10 U	10 U	10 U
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5		5 U	5 U	5 U	5 U	5 U	5 U
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002		0.2 J A	5 U	5 U	5 U	5 U	5 U
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002		5 U	5 U	5 U	5 U	5 U	5 U
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5		5 U	5 U	5 U	5 U	5 U	5 U
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50		0.25 J #	5 U	5 U	5 U	5 U	5 U
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002		5 U	5 U	5 U	5 U	5 U	5 U
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002		5 U	5 U	5 U	5 U	5 U	5 U
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2		5 U	5 U	5 U	5 U	5 U	5 U
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002		5 U	5 U	5 U	5 U	5 U	5 U
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50		5 U	5 U	5 U	5 U	5 U	5 U
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A		5 U	5 U	5 U	5 U	5 U	5 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-8068-R2 7/10/2006 286 to 291	GWX-8474-R2 7/10/2006 485 to 556 ft	GWX-8475-R2 7/10/2006 409 to 481 ft	GWX-9398-R2 7/12/2006 21 to 22 ft	GWX-9966-R2 7/11/2006 38 to 51 ft	GWX-9953-R2 7/12/2006 35 to 40 ft
7005-72-3	4-Chlorophenyl-phenylether	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
100-01-6	4-Nitroaniline	Trace-SV-LOW	ug/L	5	10 U	10 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-methylphenol	Trace-SV-LOW	ug/L	50	10 U	10 U	10 U	10 U	10 U	10 U
86-30-6	n-Nitrosodiphenylamine	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
95-94-3	1,2,4,5-Tetrachlorobenzene	Trace-SV-LOW	ug/L	N/A	5 U	5 U	5 U	5 U	5 U	5 U
101-55-3	4-Bromophenyl-phenylether	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
118-74-1	Hexachlorobenzene	Trace-SV-LOW	ug/L	0.04	5 U	5 U	5 U	5 U	5 U	5 U
1912-24-9	Atrazine	Trace-SV-LOW	ug/L	3	5 U	5 U	5 U	5 U	5 U	5 U
87-86-5	Pentachlorophenol	Trace-SV-LOW	ug/L	1	10 U	10 U	10 U	10 U	10 U	10 U
85-01-8	Phenanthrene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
120-12-7	Anthracene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
86-74-8	Carbazole	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
84-74-2	Di-n-butylphthalate	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
206-44-0	Fluoranthene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
129-00-0	Pyrene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
85-68-7	Butylbenzylphthalate	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
91-94-1	3,3'-Dichlorobenzidine	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	5 U
56-55-3	Benzo(a)anthracene	Trace-SV-LOW	ug/L	0.002	5 U	5 U	5 U	5 U	5 U	5 U
218-01-9	Chrysene	Trace-SV-LOW	ug/L	0.002	5 U	5 U	5 U	5 U	5 U	5 U
117-81-7	bis(2-Ethylhexyl) phthalate	Trace-SV-LOW	ug/L	5	5 U	5 U	5 U	5 U	5 U	14 A
117-84-0	Di-n-octylphthalate	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
205-99-2	Benzo(b)fluoranthene	Trace-SV-LOW	ug/L	0.002	5 U	5 U	5 U	5 U	5 U	5 U
207-08-9	Benzo(k)fluoranthene	Trace-SV-LOW	ug/L	0.002	5 U	5 U	5 U	5 U	5 U	5 U
50-32-8	Benzo(a)pyrene	Trace-SV-LOW	ug/L	0.2	5 U	5 U	5 U	5 U	5 U	5 U
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-LOW	ug/L	0.002	5 U	5 U	5 U	5 U	5 U	5 U
53-70-3	Dibenz(a,h)anthracene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
191-24-2	Benzo(g,h,i)perylene	Trace-SV-LOW	ug/L	50	5 U	5 U	5 U	5 U	5 U	5 U
58-90-2	Chlorophenols	Trace-SV-LOW	ug/L	N/A	5 U	5 U	5 U	5 U	5 U	5 U

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-2-R2 7/12/2006 400 to 405 ft			GWM-01-3-R2 7/14/2006 370 to 375 ft			GWM-01-4-R2 4/12/2006 315 to 320 ft			GWM-01-5-R2 7/13/2006 290 to 295 ft			GWM-01-6-R2 7/13/2006 250 to 255 ft		
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**																		
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50				0.19		#									
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A				0.1	U										
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50				0.1	U										
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50				0.1	U										
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50				0.1	U										
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1				0.2	U										
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50				0.1	U										
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50				0.1	U										
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50				0.1	U										
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50				0.1	U										
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002				0.1	U										
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002				0.1	U										
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002				0.1	U										
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002				0.1	U										
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2				0.08	J	#									
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002				0.1	U										
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50				0.1	U										
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50				0.1	U										

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-7-R2 7/13/2006 200 to 205 ft	GWM-01-8-R2 7/13/2006 150 to 155 ft	GWM-01-9-R2 7/13/2006 100 to 105 ft	GWM-01-10-R2 7/13/2006 50 to 55 ft	GWM-02-1-R2 7/13/2006 450 to 455 ft	GWM-02-2-R2 7/13/2006 410 to 415 ft
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**									
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50						
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A						
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50						
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50						
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50						
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1						
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50						
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50						
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50						
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50						
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002						
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002						
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002						
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002						
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2						
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002						
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50						
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50						

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-3-R2 7/13/2006 370 to 375 ft			GWM-02-4-R2 7/13/2006 330 to 335 ft			GWM-02-5-R2 7/13/2006 290 to 295 ft			GWM-02-6-R2 7/14/2006 250 to 255 ft			GWM-02-7-R2 7/13/2006 190 to 195 ft			GWM-02-8-R2 7/13/2006 150 to 155 ft		
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**																					
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50										0.26		#						
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A										0.1	U							
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50										0.1	U							
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50										0.1	U							
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50										0.1	U							
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1										0.2	U							
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50										0.1	U							
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50										0.1	U							
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50										0.1	U							
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50										0.1	U							
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002										0.1	U							
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002										0.1	U							
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002										0.1	U							
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002										0.1	U							
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2										0.05	J	#						
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002										0.1	U							
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50										0.1	U							
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50										0.1	U							

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-9-R2 7/13/2006 100 to 105 ft			GWM-02-10-R2 7/13/2006 50 to 55 ft			GWM-03-1-R2 7/17/2006 450 to 455 ft			GWM-03-2-R2 7/17/2006 390 to 395 ft			GWM-03-3-R2 7/17/2006 370 to 375 ft			GWM-03-4-R2 7/17/2006 290 to 295 ft		
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**																					
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50													0.36		#			
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A													0.1	U				
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50													0.1	U				
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50													0.1	U				
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50													0.1	U				
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1													0.2	UJ				
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50													0.1	U				
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50													0.1	U				
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50													0.1	U				
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50													0.1	U				
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002													0.1	U				
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002													0.1	U				
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002													0.1	U				
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002													0.1	U				
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2													0.1	U				
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002													0.1	U				
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50													0.1	U				
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50													0.1	U				

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-03-5-R2 7/17/2006 170 to 175 ft	GWM-03-6-R2 7/17/2006 100 to 105 ft	GWM-03-7-R2 7/17/2006 50 to 55 ft	GWM-04-1-R2 7/14/2006 420 to 425 ft	GWM-04-2-R2 7/14/2006 400 to 405 ft	GWM-04-3-R2 7/14/2006 350 to 355 ft
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**									
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50						
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A						
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50						
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50						
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50						
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1						
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50						
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50						
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50						
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50						
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002						
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002						
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002						
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002						
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2						
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002						
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50						
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50						

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-4-R2 7/14/2006 305 to 310 ft			GWM-04-5-R2 7/14/2006 285 to 290 ft			GWM-04-6-R2 7/17/2006 245 to 250 ft			GWM-04-7-R2 7/17/2006 185 to 190 ft			GWM-04-8-R2 7/17/2006 145 to 150 ft			GWM-04-9-R2 7/17/2006 100 to 105 ft		
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**																					
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50										0.24		#						
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A										0.1	U							
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50										0.1	U							
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50										0.1	U							
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50										0.1	U							
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1										0.2	UJ							
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50										0.1	U							
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50										0.1	U							
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50										0.1	U							
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50										0.1	U							
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002										0.1	U							
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002										0.1	U							
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002										0.1	U							
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002										0.1	U							
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2										0.1	U							
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002										0.1	U							
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50										0.1	U							
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50										0.1	U							

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-10-R2 7/17/2006 45 to 50 ft	GWM-05-1-R2 7/19/2006 430 to 435 ft	GWM-05-2-R2 7/19/2006 405 to 410 ft	GWM-05-3-R2 7/19/2006 355 to 360 ft	GWM-05-4-R2 7/19/2006 310 to 315 ft	GWM-05-5-R2 7/19/2006 290 to 295 ft
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**									
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50						
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A						
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50						
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50						
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50						
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1						
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50						
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50						
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50						
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50						
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002						
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002						
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002						
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002						
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2						
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002						
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50						
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50						

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-05-6-R2 7/18/2006 250 to 255 ft		GWM-05-7-R2 7/19/2006 190 to 195 ft		GWM-05-8-R2 7/19/2006 150 to 155 ft		GWM-05-9-R2 7/19/2006 95 to 100 ft		GWM-05-10-R2 7/19/2006 45 to 50 ft		GWM-06-1-R2 7/19/2006 445 to 450 ft	
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**															
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50	0.21	U										
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A	0.1	U										
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50	0.1	U										
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50	0.1	U										
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50	0.1	U										
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1	0.2	UJ										
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50	0.1	U										
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50	0.1	U										
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50	0.1	U										
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50	0.1	U										
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002	0.1	U										
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002	0.1	U										
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002	0.1	U										
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002	0.1	U										
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2	0.1	U										
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002	0.1	U										
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50	0.1	U										
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50	0.1	U										

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-06-2-R2 7/19/2006 365 to 370 ft			GWM-06-3-R2 7/19/2006 245 to 250 ft			GWM-06-4-R2 7/19/2006 175 to 180 ft			GWM-06-5-R2 7/20/2006 100 to 105 ft			GWM-06-6-R2 7/19/2006 45 to 50 ft			GWM-07-1-R2 7/11/2006 445 to 450 ft		
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**																					
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50										0.27		#						
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A										0.06	J	~						
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50										0.1	U							
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50										0.1	U							
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50										0.1	U							
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1										0.2	U							
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50										0.1	U							
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50										0.1	U							
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50										0.1	U							
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50										0.1	U							
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002										0.1	U							
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002										0.1	U							
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002										0.1	U							
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002										0.1	U							
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2										0.1	U							
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002										0.1	U							
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50										0.1	U							
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50										0.1	U							

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-07-2-R2 7/12/2006 425 to 430 ft			GWM-07-3-R2 7/11/2006 310 to 315 ft			GWM-07-4-R2 7/11/2006 205 to 210 ft			GWM-07-5-R2 7/11/2006 100 to 105 ft			GWM-07-6-R2 7/11/2006 45 to 50 ft			GWM-08-1-R2 7/18/2006 435 to 440 ft		
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**																					
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50	0.27		#															
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A	0.1	U																
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50	0.1	U																
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50	0.1	U																
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50	0.1	U																
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1	0.2	U																
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50	0.1	U																
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50	0.1	U																
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50	0.1	U																
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50	0.1	U																
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002	0.1	U																
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002	0.1	U																
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002	0.1	U																
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002	0.1	U																
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2	0.07	J	#															
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002	0.1	U																
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50	0.1	U																
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50	0.1	U																

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-08-2-R2 7/18/2006 370 to 375 ft	GWM-08-3-R2 7/18/2006 235 to 240 ft	GWM-08-4-R2 7/18/2006 155 to 160 ft	GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006 155 to 160 ft	GWM-08-5-R2 7/18/2006 100 to 105 ft	GWM-08-6-I 7/18/2006 45 to 50 ft
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**									
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50			0.33 #	0.25 #		
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A			0.1 U	0.1 U		
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50			0.1 U	0.1 U		
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50			0.1 U	0.1 U		
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50			0.1 U	0.1 U		
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1			0.2 UJ	0.2 UJ		
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50			0.1 U	0.1 U		
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50			0.1 U	0.1 U		
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50			0.1 U	0.1 U		
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50			0.1 U	0.1 U		
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002			0.1 U	0.1 U		
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002			0.1 U	0.1 U		
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002			0.1 U	0.1 U		
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002			0.1 U	0.1 U		
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2			0.1 U	0.1 U		
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002			0.1 U	0.1 U		
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50			0.1 U	0.1 U		
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50			0.1 U	0.1 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	R2	GWP-10-R2 7/10/2006 377 to 417			GWP-11-R2 7/10/2006 370 to 417			GWP-11-R2-DUP GWP-21-R2 7/10/2006 370 to 417			GWX-10019-R2 7/11/2006 223 to 228 ft			GWX-10020-R2 7/10/2006 185 to 190 ft			GWX-10035-F 7/11/2006 48 to 53 ft	
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**																					
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50		0.15	U		0.15	U		0.18	J	#	0.2		#	0.22	U		0.16	
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A		0.1	U		0.1	U		0.1	R		0.1	U		0.1	U		0.1	U
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50		0.1	U		0.1	U		0.1	R		0.1	U		0.1	U		0.1	U
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50		0.1	U		0.1	U		0.1	R		0.1	U		0.1	U		0.1	U
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50		0.1	U		0.1	U		0.1	R		0.1	U		0.1	U		0.1	U
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1		0.2	UJ		0.2	UJ		0.2	R		0.2	UJ		0.2	UJ		0.2	UJ
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50		0.1	U		0.1	U		0.1	R		0.1	U		0.1	U		0.1	U
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50		0.1	U		0.1	U		0.1	R		0.1	U		0.1	U		0.1	U
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50		0.1	U		0.1	U		0.1	R		0.1	U		0.1	U		0.1	U
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name *Sample Date* Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-8068-R2 *7/10/2006* 286 to 291			GWX-8474-R2 *7/10/2006* 485 to 556 ft			GWX-8475-R2 *7/10/2006* 409 to 481 ft			GWX-9398-R2 *7/12/2006* 21 to 22 ft			GWX-9966-R2 *7/11/2006* 38 to 51 ft			GWX-9953-R2 *7/12/2006* 35 to 40 ft		
4-Trace-SV-SIM	**Semi-Volatile Organic Compounds - SIM**																					
91-20-3	Naphthalene	Trace-SV-SIM	ug/L	50	0.22		#	0.13	U		0.16	U		0.18		#	0.1	U		0.2		#
91-57-6	2-Methylnaphthalene	Trace-SV-SIM	ug/L	N/A	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
208-96-8	Acenaphthylene	Trace-SV-SIM	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
83-32-9	Acenaphthene	Trace-SV-SIM	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
86-73-7	Fluorene	Trace-SV-SIM	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
87-86-5	Pentachlorophenol	Trace-SV-SIM	ug/L	1	0.2	UJ		0.2	UJ		0.2	UJ		0.2	U		0.2	UJ		0.2	U	
85-01-8	Phenanthrene	Trace-SV-SIM	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
120-12-7	Anthracene	Trace-SV-SIM	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
206-44-0	Fluoranthene	Trace-SV-SIM	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
129-00-0	Pyrene	Trace-SV-SIM	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
56-55-3	Benzo(a)anthracene	Trace-SV-SIM	ug/L	0.002	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
218-01-9	Chrysene	Trace-SV-SIM	ug/L	0.002	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
205-99-2	Benzo(b)fluoranthene	Trace-SV-SIM	ug/L	0.002	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
207-08-9	Benzo(k)fluoranthene	Trace-SV-SIM	ug/L	0.002	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
50-32-8	Benzo(a)pyrene	Trace-SV-SIM	ug/L	0.2	0.12		#	0.1	U		0.1	U		0.08	J	#	0.1	U		0.1	U	
193-39-5	Indeno(1,2,3-cd)pyrene	Trace-SV-SIM	ug/L	0.002	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
53-70-3	Dibenz(a,h)anthracene	Trace-SV-SIM	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
191-24-2	Benzo(g,h,i)perylene	Trace-SV-SIM	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-2-R2 7/12/2006 400 to 405 ft		GWM-01-3-R2 7/14/2006 370 to 375 ft		GWM-01-4-R2 4/12/2006 315 to 320 ft		GWM-01-5-R2 7/13/2006 290 to 295 ft		GWM-01-6-R2 7/13/2006 250 to 255 ft	
5-Trace-PCB	**PCBs**													
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09			1	U						
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09			1	U						
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09			1	U						
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09			1	U						
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09			1	U						
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09			1	U						
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09			1	U						
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A			1	U						
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A			1	U						
6-Trace-PP	**Pesticides**													
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01			0.05	U						
319-85-7	beta-BHC	Trace-PP	ug/L	0.04			0.05	U						
319-86-8	delta-BHC	Trace-PP	ug/L	0.04			0.05	U						
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05			0.05	U						
76-44-8	Heptachlor	Trace-PP	ug/L	0.04			0.05	U						
309-00-2	Aldrin	Trace-PP	ug/L	5			0.05	U						
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03			0.05	U						
959-98-8	Endosulfan I	Trace-PP	ug/L	50			0.05	U						
60-57-1	Dieldrin	Trace-PP	ug/L	0.004			0.1	U						
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2			0.1	U						
72-20-8	Endrin	Trace-PP	ug/L	2			0.1	U						
33213-65-9	Endosulfan II	Trace-PP	ug/L	50			0.1	U						
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3			0.1	U						
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50			0.1	U						
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2			0.1	U						
72-43-5	Methoxychlor	Trace-PP	ug/L	35			0.5	U						
53494-70-5	Endrin ketone	Trace-PP	ug/L	5			0.1	U						
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5			0.1	U						
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05			0.05	U						
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05			0.05	U						
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06			5	U						

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-7-R2 7/13/2006 200 to 205 ft	GWM-01-8-R2 7/13/2006 150 to 155 ft	GWM-01-9-R2 7/13/2006 100 to 105 ft	GWM-01-10-R2 7/13/2006 50 to 55 ft	GWM-02-1-R2 7/13/2006 450 to 455 ft	GWM-02-2-R2 7/13/2006 410 to 415 ft
5-Trace-PCB	**PCBs**									
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09						
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09						
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09						
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09						
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09						
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09						
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09						
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A						
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A						
6-Trace-PP	**Pesticides**									
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01						
319-85-7	beta-BHC	Trace-PP	ug/L	0.04						
319-86-8	delta-BHC	Trace-PP	ug/L	0.04						
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05						
76-44-8	Heptachlor	Trace-PP	ug/L	0.04						
309-00-2	Aldrin	Trace-PP	ug/L	5						
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03						
959-98-8	Endosulfan I	Trace-PP	ug/L	50						
60-57-1	Dieldrin	Trace-PP	ug/L	0.004						
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2						
72-20-8	Endrin	Trace-PP	ug/L	2						
33213-65-9	Endosulfan II	Trace-PP	ug/L	50						
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3						
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50						
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2						
72-43-5	Methoxychlor	Trace-PP	ug/L	35						
53494-70-5	Endrin ketone	Trace-PP	ug/L	5						
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5						
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05						
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05						
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06						

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-3-R2 7/13/2006 370 to 375 ft	GWM-02-4-R2 7/13/2006 330 to 335 ft	GWM-02-5-R2 7/13/2006 290 to 295 ft	GWM-02-6-R2 7/14/2006 250 to 255 ft	GWM-02-7-R2 7/13/2006 190 to 195 ft	GWM-02-8-R2 7/13/2006 150 to 155 ft
5-Trace-PCB	**PCBs**									
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09				1 U		
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09				1 U		
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09				1 U		
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09				1 U		
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09				1 U		
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09				1 U		
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09				1 U		
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A				1 U		
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A				1 U		
6-Trace-PP	**Pesticides**									
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01				0.05 U		
319-85-7	beta-BHC	Trace-PP	ug/L	0.04				0.05 U		
319-86-8	delta-BHC	Trace-PP	ug/L	0.04				0.05 U		
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05				0.05 U		
76-44-8	Heptachlor	Trace-PP	ug/L	0.04				0.05 U		
309-00-2	Aldrin	Trace-PP	ug/L	5				0.05 U		
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03				0.05 U		
959-98-8	Endosulfan I	Trace-PP	ug/L	50				0.05 U		
60-57-1	Dieldrin	Trace-PP	ug/L	0.004				0.1 U		
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2				0.1 U		
72-20-8	Endrin	Trace-PP	ug/L	2				0.1 U		
33213-65-9	Endosulfan II	Trace-PP	ug/L	50				0.1 U		
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3				0.1 U		
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50				0.1 U		
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2				0.1 U		
72-43-5	Methoxychlor	Trace-PP	ug/L	35				0.5 U		
53494-70-5	Endrin ketone	Trace-PP	ug/L	5				0.1 U		
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5				0.1 U		
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05				0.05 U		
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05				0.05 U		
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06				5 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-02-9-R2 7/13/2006 100 to 105 ft	GWM-02-10-R2 7/13/2006 50 to 55 ft	GWM-03-1-R2 7/17/2006 450 to 455 ft	GWM-03-2-R2 7/17/2006 390 to 395 ft	GWM-03-3-R2 7/17/2006 370 to 375 ft	GWM-03-4-R2 7/17/2006 290 to 295 ft
5-Trace-PCB	**PCBs**									
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09					1 U	
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09					1 U	
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09					1 U	
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09					1 U	
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09					1 U	
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09					1 U	
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09					1 U	
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A					1 U	
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A					1 U	
6-Trace-PP	**Pesticides**									
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01					0.05 U	
319-85-7	beta-BHC	Trace-PP	ug/L	0.04					0.05 U	
319-86-8	delta-BHC	Trace-PP	ug/L	0.04					0.05 U	
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05					0.05 U	
76-44-8	Heptachlor	Trace-PP	ug/L	0.04					0.05 U	
309-00-2	Aldrin	Trace-PP	ug/L	5					0.05 U	
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03					0.05 U	
959-98-8	Endosulfan I	Trace-PP	ug/L	50					0.05 U	
60-57-1	Dieldrin	Trace-PP	ug/L	0.004					0.1 U	
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2					0.1 U	
72-20-8	Endrin	Trace-PP	ug/L	2					0.1 U	
33213-65-9	Endosulfan II	Trace-PP	ug/L	50					0.1 U	
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3					0.1 U	
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50					0.1 U	
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2					0.1 U	
72-43-5	Methoxychlor	Trace-PP	ug/L	35					0.5 U	
53494-70-5	Endrin ketone	Trace-PP	ug/L	5					0.1 U	
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5					0.1 U	
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05					0.05 U	
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05					0.05 U	
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06					5 U	

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-03-5-R2 7/17/2006 170 to 175 ft	GWM-03-6-R2 7/17/2006 100 to 105 ft	GWM-03-7-R2 7/17/2006 50 to 55 ft	GWM-04-1-R2 7/14/2006 420 to 425 ft	GWM-04-2-R2 7/14/2006 400 to 405 ft	GWM-04-3-R2 7/14/2006 350 to 355 ft
5-Trace-PCB	**PCBs**									
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09						
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09						
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09						
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09						
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09						
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09						
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09						
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A						
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A						
6-Trace-PP	**Pesticides**									
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01						
319-85-7	beta-BHC	Trace-PP	ug/L	0.04						
319-86-8	delta-BHC	Trace-PP	ug/L	0.04						
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05						
76-44-8	Heptachlor	Trace-PP	ug/L	0.04						
309-00-2	Aldrin	Trace-PP	ug/L	5						
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03						
959-98-8	Endosulfan I	Trace-PP	ug/L	50						
60-57-1	Dieldrin	Trace-PP	ug/L	0.004						
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2						
72-20-8	Endrin	Trace-PP	ug/L	2						
33213-65-9	Endosulfan II	Trace-PP	ug/L	50						
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3						
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50						
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2						
72-43-5	Methoxychlor	Trace-PP	ug/L	35						
53494-70-5	Endrin ketone	Trace-PP	ug/L	5						
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5						
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05						
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05						
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06						

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-4-R2 7/14/2006 305 to 310 ft	GWM-04-5-R2 7/14/2006 285 to 290 ft	GWM-04-6-R2 7/17/2006 245 to 250 ft	GWM-04-7-R2 7/17/2006 185 to 190 ft	GWM-04-8-R2 7/17/2006 145 to 150 ft	GWM-04-9-R2 7/17/2006 100 to 105 ft
5-Trace-PCB	**PCBs**									
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09				1 U		
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09				1 U		
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09				1 U		
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09				1 U		
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09				1 U		
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09				1 U		
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09				1 U		
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A				1 U		
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A				1 U		
6-Trace-PP	**Pesticides**									
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01				0.05 U		
319-85-7	beta-BHC	Trace-PP	ug/L	0.04				0.05 U		
319-86-8	delta-BHC	Trace-PP	ug/L	0.04				0.05 U		
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05				0.05 U		
76-44-8	Heptachlor	Trace-PP	ug/L	0.04				0.05 U		
309-00-2	Aldrin	Trace-PP	ug/L	5				0.05 U		
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03				0.05 U		
959-98-8	Endosulfan I	Trace-PP	ug/L	50				0.05 U		
60-57-1	Dieldrin	Trace-PP	ug/L	0.004				0.1 U		
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2				0.1 U		
72-20-8	Endrin	Trace-PP	ug/L	2				0.1 U		
33213-65-9	Endosulfan II	Trace-PP	ug/L	50				0.1 U		
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3				0.1 U		
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50				0.1 U		
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2				0.1 U		
72-43-5	Methoxychlor	Trace-PP	ug/L	35				0.5 U		
53494-70-5	Endrin ketone	Trace-PP	ug/L	5				0.1 U		
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5				0.1 U		
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05				0.05 U		
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05				0.05 U		
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06				5 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-04-10-R2 7/17/2006 45 to 50 ft	GWM-05-1-R2 7/19/2006 430 to 435 ft	GWM-05-2-R2 7/19/2006 405 to 410 ft	GWM-05-3-R2 7/19/2006 355 to 360 ft	GWM-05-4-R2 7/19/2006 310 to 315 ft	GWM-05-5-R2 7/19/2006 290 to 295 ft
5-Trace-PCB	**PCBs**									
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09						
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09						
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09						
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09						
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09						
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09						
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09						
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A						
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A						
6-Trace-PP	**Pesticides**									
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01						
319-85-7	beta-BHC	Trace-PP	ug/L	0.04						
319-86-8	delta-BHC	Trace-PP	ug/L	0.04						
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05						
76-44-8	Heptachlor	Trace-PP	ug/L	0.04						
309-00-2	Aldrin	Trace-PP	ug/L	5						
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03						
959-98-8	Endosulfan I	Trace-PP	ug/L	50						
60-57-1	Dieldrin	Trace-PP	ug/L	0.004						
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2						
72-20-8	Endrin	Trace-PP	ug/L	2						
33213-65-9	Endosulfan II	Trace-PP	ug/L	50						
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3						
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50						
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2						
72-43-5	Methoxychlor	Trace-PP	ug/L	35						
53494-70-5	Endrin ketone	Trace-PP	ug/L	5						
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5						
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05						
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05						
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06						

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Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-05-6-R2 7/18/2006 250 to 255 ft		GWM-05-7-R2 7/19/2006 190 to 195 ft		GWM-05-8-R2 7/19/2006 150 to 155 ft		GWM-05-9-R2 7/19/2006 95 to 100 ft		GWM-05-10-R2 7/19/2006 45 to 50 ft		GWM-06-1-R2 7/19/2006 445 to 450 ft	
5-Trace-PCB	**PCBs**															
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09	1	U										
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09	1	U										
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09	1	U										
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09	1	U										
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09	1	U										
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09	1	U										
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09	1	U										
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A	1	U										
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A	1	U										
6-Trace-PP	**Pesticides**															
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01	0.05	U										
319-85-7	beta-BHC	Trace-PP	ug/L	0.04	0.05	U										
319-86-8	delta-BHC	Trace-PP	ug/L	0.04	0.05	UJ										
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05	0.05	U										
76-44-8	Heptachlor	Trace-PP	ug/L	0.04	0.05	U										
309-00-2	Aldrin	Trace-PP	ug/L	5	0.05	U										
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03	0.05	U										
959-98-8	Endosulfan I	Trace-PP	ug/L	50	0.05	U										
60-57-1	Dieldrin	Trace-PP	ug/L	0.004	0.1	U										
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2	0.1	U										
72-20-8	Endrin	Trace-PP	ug/L	2	0.1	U										
33213-65-9	Endosulfan II	Trace-PP	ug/L	50	0.1	U										
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3	0.1	U										
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50	0.1	U										
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2	0.1	UJ										
72-43-5	Methoxychlor	Trace-PP	ug/L	35	0.5	U										
53494-70-5	Endrin ketone	Trace-PP	ug/L	5	0.1	U										
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5	0.1	U										
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05	0.05	U										
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05	0.05	U										
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06	5	U										

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-06-2-R2 7/19/2006 365 to 370 ft	GWM-06-3-R2 7/19/2006 245 to 250 ft	GWM-06-4-R2 7/19/2006 175 to 180 ft	GWM-06-5-R2 7/20/2006 100 to 105 ft	GWM-06-6-R2 7/19/2006 45 to 50 ft	GWM-07-1-R2 7/11/2006 445 to 450 ft
5-Trace-PCB	**PCBs**									
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09				1 UJ		
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09				1 UJ		
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09				1 UJ		
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09				1 UJ		
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09				1 UJ		
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09				1 UJ		
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09				1 UJ		
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A				1 UJ		
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A				1 UJ		
6-Trace-PP	**Pesticides**									
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01				0.05 U		
319-85-7	beta-BHC	Trace-PP	ug/L	0.04				0.05 U		
319-86-8	delta-BHC	Trace-PP	ug/L	0.04				0.05 UJ		
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05				0.05 U		
76-44-8	Heptachlor	Trace-PP	ug/L	0.04				0.05 U		
309-00-2	Aldrin	Trace-PP	ug/L	5				0.05 U		
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03				0.05 U		
959-98-8	Endosulfan I	Trace-PP	ug/L	50				0.05 U		
60-57-1	Dieldrin	Trace-PP	ug/L	0.004				0.1 U		
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2				0.1 U		
72-20-8	Endrin	Trace-PP	ug/L	2				0.1 U		
33213-65-9	Endosulfan II	Trace-PP	ug/L	50				0.1 U		
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3				0.1 U		
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50				0.1 U		
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2				0.1 UJ		
72-43-5	Methoxychlor	Trace-PP	ug/L	35				0.5 U		
53494-70-5	Endrin ketone	Trace-PP	ug/L	5				0.1 U		
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5				0.1 U		
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05				0.05 U		
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05				0.05 U		
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06				5 U		

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Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-07-2-R2 7/12/2006 425 to 430 ft			GWM-07-3-R2 7/11/2006 310 to 315 ft			GWM-07-4-R2 7/11/2006 205 to 210 ft			GWM-07-5-R2 7/11/2006 100 to 105 ft			GWM-07-6-R2 7/11/2006 45 to 50 ft			GWM-08-1-R2 7/18/2006 435 to 440 ft		
5-Trace-PCB	**PCBs**																					
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09	1	U																
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09	1	U																
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09	1	U																
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09	1	U																
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09	1	U																
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09	1	U																
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09	1	U																
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A	1	U																
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A	1	U																
6-Trace-PP	**Pesticides**																					
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01	0.05	U																
319-85-7	beta-BHC	Trace-PP	ug/L	0.04	0.05	U																
319-86-8	delta-BHC	Trace-PP	ug/L	0.04	0.05	U																
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05	0.05	U																
76-44-8	Heptachlor	Trace-PP	ug/L	0.04	0.05	U																
309-00-2	Aldrin	Trace-PP	ug/L	5	0.05	U																
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03	0.05	U																
959-98-8	Endosulfan I	Trace-PP	ug/L	50	0.05	U																
60-57-1	Dieldrin	Trace-PP	ug/L	0.004	0.038	J	A															
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2	0.1	U																
72-20-8	Endrin	Trace-PP	ug/L	2	0.1	U																
33213-65-9	Endosulfan II	Trace-PP	ug/L	50	0.1	U																
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3	0.1	U																
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50	0.1	U																
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2	0.1	U																
72-43-5	Methoxychlor	Trace-PP	ug/L	35	0.5	U																
53494-70-5	Endrin ketone	Trace-PP	ug/L	5	0.1	U																
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5	0.1	U																
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05	0.05	U																
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05	0.05	U																
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06	5	U																

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-08-2-R2 7/18/2006 370 to 375 ft	GWM-08-3-R2 7/18/2006 235 to 240 ft	GWM-08-4-R2 7/18/2006 155 to 160 ft	GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006 155 to 160 ft	GWM-08-5-R2 7/18/2006 100 to 105 ft	GWM-08-6-R 7/18/2006 45 to 50 ft
5-Trace-PCB	**PCBs**									
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09			1 U	1 U		
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09			1 U	1 U		
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09			1 U	1 U		
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09			1 U	1 U		
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09			1 U	1 U		
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09			1 U	1 U		
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09			1 U	1 U		
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A			1 U	1 U		
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A			1 U	1 U		
6-Trace-PP	**Pesticides**									
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01			0.05 U	0.05 U		
319-85-7	beta-BHC	Trace-PP	ug/L	0.04			0.05 U	0.05 U		
319-86-8	delta-BHC	Trace-PP	ug/L	0.04			0.05 UJ	0.05 UJ		
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05			0.05 U	0.05 U		
76-44-8	Heptachlor	Trace-PP	ug/L	0.04			0.05 U	0.05 U		
309-00-2	Aldrin	Trace-PP	ug/L	5			0.05 U	0.05 U		
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03			0.05 U	0.05 U		
959-98-8	Endosulfan I	Trace-PP	ug/L	50			0.05 U	0.05 U		
60-57-1	Dieldrin	Trace-PP	ug/L	0.004			0.1 U	0.1 U		
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2			0.1 U	0.1 U		
72-20-8	Endrin	Trace-PP	ug/L	2			0.1 U	0.1 U		
33213-65-9	Endosulfan II	Trace-PP	ug/L	50			0.1 U	0.1 U		
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3			0.1 U	0.1 U		
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50			0.1 U	0.1 U		
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2			0.1 UJ	0.1 UJ		
72-43-5	Methoxychlor	Trace-PP	ug/L	35			0.5 U	0.5 U		
53494-70-5	Endrin ketone	Trace-PP	ug/L	5			0.1 U	0.1 U		
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5			0.1 U	0.1 U		
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05			0.05 U	0.05 U		
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05			0.05 U	0.05 U		
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06			5 U	5 U		

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	R2	GWP-10-R2 7/10/2006 377 to 417		GWP-11-R2 7/10/2006 370 to 417		GWP-11-R2-DUP GWP-21-R2 7/10/2006 370 to 417		GWX-10019-R2 7/11/2006 223 to 228 ft		GWX-10020-R2 7/10/2006 185 to 190 ft		GWX-10035-R2 7/11/2006 48 to 53 ft	
5-Trace-PCB	**PCBs**																
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09		1	U	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09		1	U	1	U	1	U	1	U	1	U	1	U
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09		1	U	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09		1	U	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09		1	U	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09		1	U	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09		1	U	1	U	1	U	1	U	1	U	1	U
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A		1	U	1	U	1	U	1	U	1	U	1	U
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A		1	U	1	U	1	U	1	U	1	U	1	U
6-Trace-PP	**Pesticides**																
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	Trace-PP	ug/L	0.04		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	Trace-PP	ug/L	0.04		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	Trace-PP	ug/L	0.04		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	Trace-PP	ug/L	5		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	Trace-PP	ug/L	50		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	Trace-PP	ug/L	0.004		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	Trace-PP	ug/L	2		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	Trace-PP	ug/L	50		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	Trace-PP	ug/L	35		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	Trace-PP	ug/L	5		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06		5	U	5	U	5	U	5	U	5	U	5	U

301814

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-8068-R2 7/10/2006 286 to 291			GWX-8474-R2 7/10/2006 485 to 556 ft			GWX-8475-R2 7/10/2006 409 to 481 ft			GWX-9398-R2 7/12/2006 21 to 22 ft			GWX-9966-R2 7/11/2006 38 to 51 ft			GWX-9953-R2 7/12/2006 35 to 40 ft		
5-Trace-PCB	**PCBs**																					
12674-11-2	Aroclor-1016	Trace-PCB	ug/L	0.09	1	U		1	U		1	U		1	U		1	U		1	U	
11104-28-2	Aroclor-1221	Trace-PCB	ug/L	0.09	1	U		1	U		1	U		1	U		1	U		1	U	
11141-16-5	Aroclor-1232	Trace-PCB	ug/L	0.09	1	U		1	U		1	U		1	U		1	U		1	U	
53469-21-9	Aroclor-1242	Trace-PCB	ug/L	0.09	1	U		1	U		1	U		1	U		1	U		1	U	
12672-29-6	Aroclor-1248	Trace-PCB	ug/L	0.09	1	U		1	U		1	U		1	U		1	U		1	U	
11097-69-1	Aroclor-1254	Trace-PCB	ug/L	0.09	1	U		1	U		1	U		1	U		1	U		1	U	
11096-82-5	Aroclor-1260	Trace-PCB	ug/L	0.09	1	U		1	U		1	U		1	U		1	U		1	U	
37324-23-5	Aroclor-1262	Trace-PCB	ug/L	N/A	1	U		1	U		1	U		1	U		1	U		1	U	
11100-14-4	Aroclor-1268	Trace-PCB	ug/L	N/A	1	U		1	U		1	U		1	U		1	U		1	U	
6-Trace-PP	**Pesticides**																					
319-84-6	alpha-BHC	Trace-PP	ug/L	0.01	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-85-7	beta-BHC	Trace-PP	ug/L	0.04	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
319-86-8	delta-BHC	Trace-PP	ug/L	0.04	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
58-89-9	gamma-BHC (Lindane)	Trace-PP	ug/L	0.05	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
76-44-8	Heptachlor	Trace-PP	ug/L	0.04	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
309-00-2	Aldrin	Trace-PP	ug/L	5	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
1024-57-3	Heptachlor epoxide	Trace-PP	ug/L	0.03	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.026	J	#
959-98-8	Endosulfan I	Trace-PP	ug/L	50	0.05	U		0.05	U		0.05	U		0.05	U		0.05	U		0.05	U	
60-57-1	Dieldrin	Trace-PP	ug/L	0.004	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-55-9	4,4'-DDE	Trace-PP	ug/L	0.2	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-20-8	Endrin	Trace-PP	ug/L	2	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
33213-65-9	Endosulfan II	Trace-PP	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-54-8	4,4'-DDD	Trace-PP	ug/L	0.3	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
1031-07-8	Endosulfan sulfate	Trace-PP	ug/L	50	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
50-29-3	4,4'-DDT	Trace-PP	ug/L	0.2	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
72-43-5	Methoxychlor	Trace-PP	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
53494-70-5	Endrin ketone	Trace-PP	ug/L	5	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
7421-93-4	Endrin aldehyde	Trace-PP	ug/L	5	0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
5103-71-9	alpha-Chlordane	Trace-PP	ug/L	0.05	0.05	U		0.05	U		0.05	U		0.56	JN	A	0.05	U		0.05	U	
5103-74-2	gamma-Chlordane	Trace-PP	ug/L	0.05	0.05	U		0.05	U		0.05	U		0.99		A	0.05	U		0.026	J	#
8001-35-2	Toxaphene	Trace-PP	ug/L	0.06	5	U		5	U		5	U		5	U		5	U		5	U	

Roosevelt Field
Groundwater Round 2 - Exceedance Table
Inorganic Analytes - MS

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-3-R2 7/14/2006 370 to 375 ft			GWM-02-6-R2 7/14/2006 250 to 255 ft			GWM-03-3-R2 7/17/2006 370 to 375 ft			GWM-04-7-R2 7/17/2006 185 to 190 ft			GWM-05-6-R2 7/18/2006 250 to 255 ft			GWM-06-5-R2 7/20/2006 100 to 105 ft			GWM-07-2-R2 7/12/2006 425 to 430 ft		
(Group Code)	**(Group Description)**																								
5-Metals-MS	**Inorganic Analytes**																								
7440-28-0	Thallium	ILM05.3-MS	UG/L	0.5	1	U		1	U		0.02	J	#	0.09	J	#	0.16	J	#	1	U		1	U	
7440-36-0	Antimony	ILM05.3-MS	UG/L	3	2	U		2	U		2	U		2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	ILM05.3-MS	UG/L	10	1	U		1	U		1	U		1	U		1	U		2.1		#	1	U	
7440-41-7	Beryllium	ILM05.3-MS	UG/L	3	1	U		0.04	J	#	1	U		1	U		1	U		1	U		0.03	J	#
7440-43-9	Cadmium	ILM05.3-MS	UG/L	5	1	U		1	U		0.12	J	#	0.06	J	#	0.09	J	#	0.04	J	#	1	U	
7782-49-2	Selenium	ILM05.3-MS	UG/L	10000	1.6	J	#	0.97	J	#	5	U		5	U		5	U		5	U		2.2	J	#

301816

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-08-4-R2 7/18/2006 155 to 160 ft			GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006 155 to 160 ft			GWP-10-R2 7/10/2006 377 to 417			GWP-11-R2 7/10/2006 370 to 410			GWP-11-R2-DUP GWP-21-R2 7/10/2006 370 to 410			GWX-10019-R2 7/11/2006 223 to 228 ft			GWX-10020-R2 7/10/2006 185 to 190 ft		
(Group Code)	**(Group Description)**																								
5-Metals-MS	**Inorganic Analytes**																								
7440-28-0	Thallium	ILM05.3-MS	UG/L	0.5	0.11	J	#	0.08	J	#	1	U		1	U		1	U		1	U		1	U	
7440-36-0	Antimony	ILM05.3-MS	UG/L	3	2	U		2	U		2	U		2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	ILM05.3-MS	UG/L	10	1	U		1	U		1	U		1	U		1	U		1	U		1	U	
7440-41-7	Beryllium	ILM05.3-MS	UG/L	3	1	U		1	U		1	U		0.05	J	#	0.02	J	#	1	U		1	U	
7440-43-9	Cadmium	ILM05.3-MS	UG/L	5	0.12	J	#	0.09	J	#	1	U		1	U		1	U		1	U		1	U	
7782-49-2	Selenium	ILM05.3-MS	UG/L	10000	5	U		5	U		1.4	J	#	1.6	J	#	1.7	J	#	2.2	J	#	0.85	J	#

301817

Roosevelt Field
Groundwater Round 2 - Exceedance Table
Inorganic Analytes - AES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-01-3-R2 Background 7/14/2006 370 to 375 ft			GWM-02-6-R2 7/14/2006 250 to 255 ft			GWM-03-3-R2 7/17/2006 370 to 375 ft			GWM-04-7-R2 7/17/2006 185 to 190 ft		
(Group Code)	**(Group Description)**															
5-DESA-Metals-AES	**Inorganic Analytes**															
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----		U	-----		U	-----		U	-----		U	
7429-90-5	Aluminum	ILM04-1-M	ug/L	200	-----		J	#	-----		U		-----		U		-----		U	
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----		U		-----		U		-----		U		-----		U	
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----		U		-----		U		-----		U		-----		U	
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----		U		-----		U		-----		U		-----		U	
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----		U		-----		U		-----		U		-----		U	
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----		J	#	-----		J	#	-----		J	#	-----		J	#
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----			#	-----		J	#	-----			#	-----			#
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----			#	-----		U		-----		U		-----		U	
7439-89-6	Iron	ILM04-1-M	ug/L	300		391		A	-----		J	#	-----			#	-----			#
7439-96-5	Manganese	ILM04-1-M	ug/L	300	-----			#	-----			#	-----			#		462		A
7439-98-7	Molybdenum	ILM04-1-M	ug/L																	
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----		J	#	-----		J	#	-----			#	-----		J	#
7439-92-1	Lead	ILM04-1-M	ug/L	15	-----		U		-----		U		-----		U		-----		U	
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----		U		-----		U		-----		U		-----		U	
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----		U		-----		U		-----		U		-----		U	
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----		U		-----		U		-----		U		-----		U	
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U		-----		U	
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----		J	#	-----		J	#	-----			#	-----		J	#
7440-70-2	Calcium	ILM04-1-M	ug/L	11600		15800		A	-----			#	-----			#		15100		A
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----		UJ		-----		UJ		-----		UJ		-----		UJ	
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----			#	-----		J	#	-----		J	#	-----		J	#
7440-23-5	Sodium	ILM04-1-M	ug/L	20000		32000		A		25600		A		54000		A		79400		A
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----		UJ		-----		UJ		-----		U		-----		U	
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----		U		-----		U		-----		U		-----		U	

301818

Roosevelt Field
Groundwater Round 2 - Exceedance Table
Inorganic Analytes - AES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-05-6-R2 7/18/2006 250 to 255 ft			GWM-06-5-R2 7/20/2006 100 to 105 ft			GWM-07-2-R2 7/12/2006 425 to 430 ft			GWM-08-4-R2 7/18/2006 155 to 160 ft		
(Group Code)	**(Group Description)**															
5-DESA-Metals-AES	**Inorganic Analytes**															
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----		U	-----		U	-----		U	-----		U
7429-90-5	Aluminum	ILM04-1-M	ug/L	200	-----		U	-----		U	-----		U	-----		U
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----		U	-----		U	-----		U	-----		U
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----		U	-----		U	-----		U	-----		U
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----		U	-----		U	-----		U	-----		U
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----		U	-----		U	-----		U	-----		U
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----		J #	-----		U	-----		J #	-----		J #
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----		#	-----		J #	-----		J #	-----		#
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----		U	-----		U	-----		U	-----		U
7439-89-6	Iron	ILM04-1-M	ug/L	300	-----		#		8770	A	-----		J #	-----		J #
7439-96-5	Manganese	ILM04-1-M	ug/L	300	-----		#		306	A	-----		#	-----		#
7439-98-7	Molybdenum	ILM04-1-M	ug/L													
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----		#	-----		J #	-----		U	-----		J #
7439-92-1	Lead	ILM04-1-M	ug/L	15	-----		U	-----		U	-----		U	-----		U
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----		U	-----		U	-----		U	-----		U
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----		U	-----		U	-----		U	-----		U
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----		U	-----		U	-----		U	-----		U
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----		U	-----		J #	-----		U	-----		J #
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----		J #	-----		J #	-----			-----		J #
7440-70-2	Calcium	ILM04-1-M	ug/L	11600		24800	A	-----		#	-----		#	-----		#
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----		UJ	-----		UJ	-----		UJ	-----		UJ
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----		#	-----		J #	-----		J #	-----		J #
7440-23-5	Sodium	ILM04-1-M	ug/L	20000		109000	A		48700	A		25900	A		24100	A
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----		U	-----		U	-----		UJ	-----		U
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----		U	-----		U	-----		U	-----		U

301819

Roosevelt Field
Groundwater Round 2 - Exceedance Table
Inorganic Analytes - AES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWM-08-4-R2-DUP / GWM-18-4-R2 / 7/18/2006 / 155 to 160 ft				GWP-10-R2 / 7/10/2006 / 377 to 417 ft				GWP-11-R2 / 7/10/2006 / 370 to 410 ft				GWP-11-R2-DUP / GWP-21-R2 / 7/10/2006 / 370 to 410 ft			
(Group Code)	**(Group Description)**																			
5-DESA-Metals-AES	**Inorganic Analytes**																			
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U		-----		U	
7429-90-5	Aluminum	ILM04-1-M	ug/L	200	-----		U		-----		U		-----		U		-----		U	
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----		U		-----		U		-----		U		-----		U	
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----		U		-----		U		-----		U		-----		U	
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----		U		-----		U		-----		U		-----		U	
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----		U		-----		U		-----		U		-----		U	
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----		J	#	-----		J	#	-----		J	#	-----		J	#
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----		J	#	-----		U		-----		J	#	-----		U	
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----		U		-----			#	-----			#	-----			#
7439-89-6	Iron	ILM04-1-M	ug/L	300	-----		J	#	-----		U		-----		J	#	-----		U	
7439-96-5	Manganese	ILM04-1-M	ug/L	300	-----			#	-----		U		-----		U		-----		U	
7439-98-7	Molybdenum	ILM04-1-M	ug/L																	
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----		J	#	-----		U		-----		U		-----		U	
7439-92-1	Lead	ILM04-1-M	ug/L	15	-----		U		-----		J	#	-----		U		-----		U	
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----		U		-----		U		-----		U		-----		U	
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----		U		-----		U		-----		U		-----		U	
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----		U		-----		U		-----		U		-----		U	
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U		-----		U	
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----		J	#	-----		U		-----		U		-----		U	
7440-70-2	Calcium	ILM04-1-M	ug/L	11600	-----			#		13200		A	-----			#	-----			#
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----		UJ		-----		UJ		-----		UJ		-----		UJ	
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----		J	#	-----			#	-----			#	-----			#
7440-23-5	Sodium	ILM04-1-M	ug/L	20000		23400		A		23300		A		29900		A		30300		A
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----		U		-----		J	#	-----		UJ		-----		UJ	
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----		U		-----		U		-----		U		-----		U	

301820

Roosevelt Field
Groundwater Round 2 - Exceedance Table
Inorganic Analytes - AES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-10019-R2 7/11/2006 223 to 228 ft			GWX-10020-R2 7/10/2006 185 to 190 ft			GWX-10035-R2 7/11/2006 48 to 53 ft			GWX-8068-R2 7/10/2006 265 to 291 ft		
(Group Code)	**(Group Description)**															
5-DESA-Metals-AES	**Inorganic Analytes**															
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----		U	-----		U	-----		U	-----		U	
7429-90-5	Aluminum	ILM04-1-M	ug/L	200	-----		U	-----		U	-----		U	-----		U	
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----		U	-----		U	-----		U	-----		U	
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----		U	-----		U	-----			-----		U	
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----		U	-----		U	-----		U	-----		U	
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----		U	-----		U	-----		U	-----		U	
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----		J	#	-----		U		-----		U	-----		J	#
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----		J	#	-----		J	#	-----		J	#	-----		U	
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----		U		-----		U		-----		U			249		A
7439-89-6	Iron	ILM04-1-M	ug/L	300		5140		A		1630		A		1120		A	-----		J	#
7439-96-5	Manganese	ILM04-1-M	ug/L	300	-----			#	-----			#	-----		U		-----		U	
7439-98-7	Molybdenum	ILM04-1-M	ug/L																	
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----		U		-----		U		-----		U		-----		U	
7439-92-1	Lead	ILM04-1-M	ug/L	15	-----			#	-----			#	-----		U			21.9		A
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----		U		-----		U		-----		U		-----		U	
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----		U		-----		U		-----		U		-----		U	
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----		U		-----		U		-----		U		-----		U	
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----		U		-----		U		-----		U		-----		U	
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----		U		-----		U		-----		U		-----			#
7440-70-2	Calcium	ILM04-1-M	ug/L	11600		16900		A		15300		A		26200		A	-----			#
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----		UJ		-----		UJ		-----		UJ		-----		UJ	
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----			#	-----			#	-----			#	-----		J	#
7440-23-5	Sodium	ILM04-1-M	ug/L	20000		45600		A		51700		A		125001		A		32900		A
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----		UJ		-----		UJ		-----		UJ		-----		J	#
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----		U		-----		U		-----		U		-----		U	

301821

Roosevelt Field
Groundwater Round 2 - Exceedance Table
Inorganic Analytes - AES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-8474-R2 7/10/2006 485 to 556 ft			GWX-8475-R2 7/10/2006 409 to 481 ft			GWX-9398-R2 7/12/2006 21 to 22 ft			GWX-9966-R2 7/11/2006 38 to 51 ft			GWX-9953-R2 7/12/2006 35 to 40 ft	
(Group Code)	**(Group Description)**																	
5-DESA-Metals-AES	**Inorganic Analytes**																	
7440-22-4	Silver	ILM04-1-M	ug/L	50	-----	U		-----	U		-----	U		-----	J	#	-----	U
7429-90-5	Aluminum	ILM04-1-M	ug/L	200	-----	U		-----	U		-----	J	#	-----	U		-----	U
7440-38-2	Arsenic	ILM04-1-M	ug/L	10	-----	U		-----	U		-----	U		-----	U		-----	U
7440-39-3	Barium	ILM04-1-M	ug/L	1000	-----	U		-----	U		-----	U		-----	U		-----	U
7440-41-7	Beryllium	ILM04-1-M	ug/L	3	-----	U		-----	U		-----	U		-----	U		-----	U
7440-43-9	Cadmium	ILM04-1-M	ug/L	5	-----	U		-----	U		-----	U		-----	U		-----	U
7440-48-4	Cobalt	ILM04-1-M	ug/L	50	-----	J	#	-----	J	#	-----	U		-----	U		-----	J
7440-47-3	Chromium	ILM04-1-M	ug/L	50	-----	J	#	-----	U		-----	J	#	-----	J	#	-----	J
7440-50-8	Copper	ILM04-1-M	ug/L	200	-----	U		-----		#	-----	U		-----	U		-----	U
7439-89-6	Iron	ILM04-1-M	ug/L	300	-----	U		-----	U		-----		#	8860		A	11100	
7439-96-5	Manganese	ILM04-1-M	ug/L	300	-----	U		-----	U		-----	U		-----		#	-----	
7439-98-7	Molybdenum	ILM04-1-M	ug/L															
7440-02-0	Nickel	ILM04-1-M	ug/L	100	-----	U		-----	U		-----	U		-----	U		-----	U
7439-92-1	Lead	ILM04-1-M	ug/L	15	-----	U		-----	U		-----	U		-----	U		-----	U
7782-49-2	Selenium	ILM04-1-M	ug/L	10	-----	U		-----	U		-----	U		-----	U		-----	U
7440-36-0	Antimony	ILM04-1-M	ug/L	3	-----	U		-----	U		-----	U		-----	U		-----	U
7440-28-0	Thallium	ILM04-1-M	ug/L	0.5	-----	U		-----	U		-----	U		-----	U		-----	U
7440-62-2	Vanadium	ILM04-1-M	ug/L	50	-----	U		-----	U		-----	J	#	-----	U		-----	U
7440-66-6	Zinc	ILM04-1-M	ug/L	5000	-----	U		-----	U		-----	U		-----	U		-----	U
7440-70-2	Calcium	ILM04-1-M	ug/L	11600	-----	J	#	-----		#	22700		A	-----		#	18500	
7440-09-7	Potassium	ILM04-1-M	ug/L	5000	-----	UJ		-----	U		-----	UJ		-----	UJ		-----	UJ
7439-95-4	Magnesium	ILM04-1-M	ug/L	35000	-----	J	#	-----	J	#	-----	J	#	-----	J	#	-----	
7440-23-5	Sodium	ILM04-1-M	ug/L	20000	-----		#	-----		#	25700		A	-----		#	25100	
7439-97-6	Mercury	ILM04-1-M	ug/L	0.7	-----	UJ		-----	UJ		-----	UJ		-----	UJ		-----	UJ
57-12-5	Cyanide	ILM04-1-CN	ug/L	200	-----	U		-----	U		-----	U		-----	U		-----	U

301822

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	Site-Specific Groundwater Screening Criteria	GWX-10035-R2 7/11/2006 48 to 53 ft	GWX-8068-R2 7/10/2006 48 to 53 ft	GWX-8474-R2 7/10/2006 485 to 556 ft	GWX-8475-R2 7/10/2006 409 to 481 ft	GWX-9398-R2 7/12/2006 21 to 22 ft	GWX-9966-R2 7/11/2006 38 to 51 ft	GWX-9953-R2 7/12/2006 35 to 40 ft
(Group Code)	**(Group Description)**										
5-Metals-MS	**Inorganic Analytes**										
7440-28-0	Thallium	ILM05.3-MS	UG/L	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7440-36-0	Antimony	ILM05.3-MS	UG/L	3	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7440-38-2	Arsenic	ILM05.3-MS	UG/L	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7440-41-7	Beryllium	ILM05.3-MS	UG/L	3	1 U	1 U	1 U	1 U	1 U	0.02 J #	1 U
7440-43-9	Cadmium	ILM05.3-MS	UG/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7782-49-2	Selenium	ILM05.3-MS	UG/L	10000	0.6 J #	1.1 J #	0.67 J #	0.6 J #	0.92 J #	0.34 J #	0.46 J #

301823

TO-15 Soil Gas Results

301824

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGHP-1a 12/22/2005 15 ft		SGHP-1b 1/12/2006 15 ft		SGHP2 1/12/2006 15 ft		SGHP-3a 12/22/2005 15 ft		SGHP-3b 1/12/2006 15 ft		SGHP4 1/12/2006 15 ft	
(Group Code)	**(Group Description)**														
1-TO-15	**Volatile Organic Compounds - Air**														
75-71-8	Dichlorodifluoromethane	TO-15	ug/m3	4.9	U	2.4	J	2.2	J	5	U	2.3	J	2.9	J
76-14-2	1,2-Dichlorotetrafluoroethane;Fluorocarbon 114	TO-15	ug/m3	7	U	7.4	U	7	U	7.1	U	7	U	7	U
74-87-3	Chloromethane	TO-15	ug/m3	8.2	U	1.9	J	8.2	U	8.3	U	3.3	J	2.4	J
75-01-4	Vinyl Chloride	TO-15	ug/m3	2.5	U	2.7	UJ	2.5	UJ	2.6	U	2.5	UJ	2.5	UJ
106-99-0	1,3-Butadiene	TO-15	ug/m3	2.2	U	2.4	U	2.2	U	2.2	U	2.2	U	3.9	J
74-83-9	Bromomethane	TO-15	ug/m3	3.9	U	4.1	U	3.9	U	3.9	U	3.9	U	3.9	U
75-00-3	Chloroethane	TO-15	ug/m3	2.6	U	2.8	U	2.6	U	2.7	U	2.6	U	2.6	U
75-69-4	Trichlorofluoromethane	TO-15	ug/m3	5.6	U	6	U	5.6	U	5.7	U	1.7	J	5.6	U
64-17-5	Ethanol	TO-15	ug/m3	7.7		11		8.5		22		13		10	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	TO-15	ug/m3	7.6	U	8.2	U	7.6	U	7.7	U	4.3	J	7.6	U
75-35-4	1,1-Dichloroethene	TO-15	ug/m3	3.9	U	4.2	U	3.9	U	4	U	3.9	U	3.9	U
67-64-1	Acetone	TO-15	ug/m3	22		36		20		20		19		20	
67-63-0	Isopropyl Alcohol (Manufacturing-Strong Acid	TO-15	ug/m3	9.8	U	1.9	J	1.5	J	4.7	J	2.8	J	1.4	J
75-15-0	Carbon Disulfide	TO-15	ug/m3	1.4	J	3.3	U	3.1	U	2.1	J	3.1	U	2.9	J
107-05-1	3-Chloropropene	TO-15	ug/m3	12	U	13	U	12	U	13	U	12	U	12	U
75-09-2	Methylene Chloride	TO-15	ug/m3	1.5	J	3.7	U	3.4	U	4.6		1.2	J	3.4	U
1634-04-4	Methyl tert-Butyl Ether	TO-15	ug/m3	3.6	U	3.8	U	3.6	U	3.6	U	3.6	U	3.6	U
156-60-5	trans-1,2-Dichloroethene	TO-15	ug/m3	3.9	U	4.2	U	3.9	U	4	U	3.9	U	3.9	U
110-54-3	Hexane	TO-15	ug/m3	3.5	U	1.2	J	0.88	J	4.3		1.4	J	1.6	J
75-34-3	1,1-Dichloroethane	TO-15	ug/m3	4	U	4.3	U	4	U	4.1	U	6.8		4	U
78-93-3	2-Butanone	TO-15	ug/m3	5.4		3.7		2.7	J	3.2		2.5	J	3.6	
156-59-2	cis-1,2-Dichloroethene	TO-15	ug/m3	3.9	U	4.2	U	2.5	J	4	U	6.5		3.9	U
109-99-9	Tetrahydrofuran	TO-15	ug/m3	2.9	U	3.1	U	2.9	U	3	U	2.9	U	2.9	U
67-66-3	Chloroform	TO-15	ug/m3	4.8	U	5.2	U	4.8	U	4.9	U	7.9		4.8	U
71-55-6	1,1,1-Trichloroethane	TO-15	ug/m3	5.4	U	5.8	U	5.4	U	5.5	U	21		5.4	U
110-82-7	Cyclohexane	TO-15	ug/m3	3.4	U	3.7	U	3.4	U	1.7	J	3.4	U	3.4	U
56-23-5	Carbon Tetrachloride	TO-15	ug/m3	6.3	U	6.7	U	6.3	U	6.4	U	6.3	U	6.3	U
540-84-1	2,2,4-Trimethylpentane	TO-15	ug/m3	4.6	U	5	UJ	4.6	UJ	1.2	J	4.6	UJ	4.6	UJ
71-43-2	Benzene	TO-15	ug/m3	1.4	J	1.7	J	1.7	J	3	J	2	J	2.6	J
107-06-2	1,2-Dichloroethane	TO-15	ug/m3	4	U	4.3	U	4	U	4.1	U	4	U	4	U
142-82-5	n-Heptane	TO-15	ug/m3	4.1	U	4.4	U	4.1	U	4.4		4.1	U	4.1	U
79-01-6	Trichloroethene	TO-15	ug/m3	5.3	U	5.7	U	3.9	J	5.4	U	12		3	J
78-87-5	1,2-Dichloropropane	TO-15	ug/m3	4.6	U	4.9	U	4.6	U	4.7	U	4.6	U	4.6	U
123-91-1	1,4-Dioxane	TO-15	ug/m3	14	U	15	U	14	U	14	U	14	U	14	U
75-27-4	Bromodichloromethane	TO-15	ug/m3	6.7	U	7.1	U	6.7	U	6.8	U	6.7	U	6.7	U
10061-01-5	cis-1,3-Dichloropropene	TO-15	ug/m3	4.5	U	4.8	U	4.5	U	4.6	U	4.5	U	4.5	U
108-10-1	4-Methyl-2-pentanone	TO-15	ug/m3	4.1	U	4.4	U	4.1	U	4.1	U	4.1	U	4.1	U

301825

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGHP-1a 12/22/2005 15 ft		SGHP-1b 1/12/2006 15 ft		SGHP2 1/12/2006 15 ft		SGHP-3a 12/22/2005 15 ft		SGHP-3b 1/12/2006 15 ft		SGHP4 1/12/2006 15 ft	
108-88-3	Toluene	TO-15	ug/m3	2.5	J	3.2	J	2.8	J	17		3.2	J	3.7	J
10061-02-6	trans-1,3-Dichloropropene	TO-15	ug/m3	4.5	U	4.8	U	4.5	U	4.6	U	4.5	U	4.5	U
79-00-5	1,1,2-Trichloroethane	TO-15	ug/m3	5.4	U	5.8	U	5.4	U	5.5	U	5.4	U	5.4	U
127-18-4	Tetrachloroethene	TO-15	ug/m3	6.7	U	11		17		6.8	U	23		14	
591-78-6	2-Hexanone	TO-15	ug/m3	16	U	17	U	16	U	16	U	16	U	16	U
124-48-1	Dibromochloromethane	TO-15	ug/m3	8.5	U	9.1	U	8.5	U	8.6	U	8.5	U	8.5	U
106-93-4	1,2-Dibromoethane	TO-15	ug/m3	7.6	U	8.2	U	7.6	U	7.8	U	7.6	U	7.6	U
108-90-7	Chlorobenzene	TO-15	ug/m3	4.6	U	4.9	U	4.6	U	4.6	U	4.6	U	4.6	U
100-41-4	Ethylbenzene	TO-15	ug/m3	4.3	U	4.6	U	4.3	U	2	J	4.3	U	4.3	U
108-38-3	m-Xylene	TO-15	ug/m3	4.3	U	4.6	U	4.3	U	5.7		4.3	U	4.3	U
95-47-6	o-Xylene	TO-15	ug/m3	4.3	U	4.6	U	4.3	U	2	J	4.3	U	4.3	U
100-42-5	Styrene	TO-15	ug/m3	4.2	U	4.5	U	4.2	U	4.3	U	4.2	U	4.2	U
75-25-2	Bromoform	TO-15	ug/m3	10	U	11	U	10	U	10	U	10	U	10	U
98-82-8	Isopropylbenzene	TO-15	ug/m3	4.9	U	5.2	U	4.9	U	5	U	4.9	U	4.9	U
79-34-5	1,1,2,2-Tetrachloroethane	TO-15	ug/m3	6.8	U	7.3	U	6.8	U	6.9	U	6.8	U	6.8	U
103-65-1	n-Propylbenzene	TO-15	ug/m3	4.9	U	5.2	U	4.9	U	5	U	4.9	U	4.9	U
622-96-8	4-Ethyltoluene	TO-15	ug/m3	4.9	U	5.2	U	4.9	U	5	U	4.9	U	4.9	U
108-67-8	1,3,5-Trimethyl Benzene	TO-15	ug/m3	4.9	U	5.2	U	4.9	U	5	U	4.9	U	4.9	U
95-63-6	1,2,4-Trimethylbenzene	TO-15	ug/m3	4.9	U	5.2	U	4.9	U	1.7	J	4.9	U	4.9	U
541-73-1	1,3-Dichlorobenzene	TO-15	ug/m3	6	U	6.4	U	6	U	6.1	U	6	U	6	U
106-46-7	1,4-Dichlorobenzene	TO-15	ug/m3	6	U	6.4	U	6	U	6.1	U	6	U	6	U
100-44-7	Benzyl Chloride	TO-15	ug/m3	5.2	U	5.5	U	5.2	U	5.2	U	5.2	U	5.2	U
95-50-1	1,2-Dichlorobenzene	TO-15	ug/m3	6	U	6.4	U	6	U	6.1	U	6	U	6	U
120-82-1	1,2,4-Trichlorobenzene	TO-15	ug/m3	30	UJ	32	U	30	U	30	UJ	30	U	30	U
87-68-3	Hexachlorobutadiene	TO-15	ug/m3	42	U	45	U	42	U	43	U	42	U	42	U

301826

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-01 12/20/2005 15 ft		SGRF-02 12/20/2005 15 ft		SGRF-03 12/20/2005 15 ft		SGRF-04 12/21/2005 15 ft		SGRF-05 12/21/2005 15 ft	
(Group Code)	**(Group Description)**												
1-TO-15	**Volatile Organic Compounds - Air**												
75-71-8	*Dichlorodifluoromethane*	TO-15	ug/m3	4.8	U	5	U	4.7	U	4.7	U	4.7	U
76-14-2	1,2-Dichlorotetrafluoroethane;Fluorocarbon 114	TO-15	ug/m3	6.8	U	7.1	U	6.7	U	6.7	U	6.6	U
74-87-3	Chloromethane	TO-15	ug/m3	8	U	8.3	U	7.9	U	7.9	U	7.8	U
75-01-4	Vinyl Chloride	TO-15	ug/m3	2.5	U	2.6	U	2.4	U	2.4	U	2.4	U
106-99-0	1,3-Butadiene	TO-15	ug/m3	2.1	U	2.2	U	2.1	U	2.1	U	2.1	U
74-83-9	Bromomethane	TO-15	ug/m3	3.8	U	3.9	U	3.7	U	3.7	U	3.7	U
75-00-3	Chloroethane	TO-15	ug/m3	2.6	U	2.7	U	2.5	U	2.5	U	2.5	U
75-69-4	*Trichlorofluoromethane*	TO-15	ug/m3	1.4	J	5.7	U	5.4	U	1.3	J	1.7	J
64-17-5	Ethanol	TO-15	ug/m3	7.3	U	6.1	J	12		8.1		9.4	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	TO-15	ug/m3	7.4	U	7.7	U	7.4	U	7.4	U	7.2	U
75-35-4	1,1-Dichloroethene	TO-15	ug/m3	3.8	U	4	U	3.8	U	3.8	U	3.7	U
67-64-1	Acetone	TO-15	ug/m3	9	J	7.1	J	30		28		13	
67-63-0	Isopropyl Alcohol (Manufacturing-Strong Acid	TO-15	ug/m3	9.5	U	1.1	J	3.4	J	9.4	U	9.3	U
75-15-0	Carbon Disulfide	TO-15	ug/m3	3	U	3.1	U	4.4		3	U	0.98	J
107-05-1	3-Chloropropene	TO-15	ug/m3	12	U	13	U	12	U	12	U	12	U
75-09-2	Methylene Chloride	TO-15	ug/m3	3.4	U	3.5	U	3.3	U	3.3	U	3.3	U
1634-04-4	Methyl tert-Butyl Ether	TO-15	ug/m3	3.5	U	3.6	U	3.5	U	3.5	U	3.4	U
156-60-5	trans-1,2-Dichloroethene	TO-15	ug/m3	3.8	U	4	U	3.8	U	3.8	U	3.7	U
110-54-3	Hexane	TO-15	ug/m3	3.4	U	1.2	J	8.6		2	J	1.4	J
75-34-3	1,1-Dichloroethane	TO-15	ug/m3	3.9	U	4.1	U	3.9	U	3.9	U	3.8	U
78-93-3	2-Butanone	TO-15	ug/m3	2.9	U	3	U	5.1		1.2	J	1.1	J
156-59-2	cis-1,2-Dichloroethene	TO-15	ug/m3	3.8	U	4	U	3.8	U	3.8	U	3.7	U
109-99-9	Tetrahydrofuran	TO-15	ug/m3	3.4		2.1	J	2.7	J	1.9	J	1.9	J
67-66-3	Chloroform	TO-15	ug/m3	4.7	U	4.9	U	4.7	U	4.7	U	4.6	U
71-55-6	1,1,1-Trichloroethane	TO-15	ug/m3	5.3	U	5.5	U	5.2	U	5.2	U	5.2	U
110-82-7	Cyclohexane	TO-15	ug/m3	3.3	U	3.5	U	3.3	U	3.3	U	3.2	U
56-23-5	Carbon Tetrachloride	TO-15	ug/m3	6.1	U	6.4	U	6	U	6	U	5.9	U
540-84-1	2,2,4-Trimethylpentane	TO-15	ug/m3	4.5	U	4.7	U	4.5	U	4.5	U	4.4	U
71-43-2	Benzene	TO-15	ug/m3	1.6	J	1.5	J	3.5		2.9	J	1.6	J
107-06-2	1,2-Dichloroethane	TO-15	ug/m3	3.9	U	4.1	U	3.9	U	3.9	U	3.8	U
142-82-5	*n-Heptane*	TO-15	ug/m3	4	U	4.1	U	5.1		3.9	U	3.9	U
79-01-6	Trichloroethene	TO-15	ug/m3	5.2	U	5.4	U	5.2	U	5.2	U	5.1	U
78-87-5	1,2-Dichloropropane	TO-15	ug/m3	4.5	U	4.7	U	4.4	U	4.4	U	4.4	U
123-91-1	1,4-Dioxane	TO-15	ug/m3	14	U	14	U	14	U	14	U	14	U
75-27-4	Bromodichloromethane	TO-15	ug/m3	6.5	U	6.8	U	6.4	U	6.4	U	6.3	U
10061-01-5	cis-1,3-Dichloropropene	TO-15	ug/m3	4.4	U	4.6	U	4.4	U	4.4	U	4.3	U
108-10-1	4-Methyl-2-pentanone	TO-15	ug/m3	4	U	4.1	U	3.9	U	3.9	U	3.9	U

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-01 12/20/2005 15 ft		SGRF-02 12/20/2005 15 ft		SGRF-03 12/20/2005 15 ft		SGRF-04 12/21/2005 15 ft		SGRF-05 12/21/2005 15 ft	
108-88-3	Toluene	TO-15	ug/m3	3	J	2.9	J	3.6		3.6		2.7	J
10061-02-6	trans-1,3-Dichloropropene	TO-15	ug/m3	4.4	U	4.6	U	4.4	U	4.4	U	4.3	U
79-00-5	1,1,2-Trichloroethane	TO-15	ug/m3	5.3	U	5.5	U	5.2	U	5.2	U	5.2	U
127-18-4	Tetrachloroethene	TO-15	ug/m3	6.6	U	6.8	U	6.5	U	6.5	U	6.4	U
591-78-6	2-Hexanone	TO-15	ug/m3	16	U	16	U	16	U	16	U	15	U
124-48-1	Dibromochloromethane	TO-15	ug/m3	8.3	U	8.6	U	8.2	U	8.2	U	8	U
106-93-4	1,2-Dibromoethane	TO-15	ug/m3	7.4	U	7.8	U	7.4	U	7.4	U	7.3	U
108-90-7	Chlorobenzene	TO-15	ug/m3	4.5	U	4.6	U	4.4	U	4.4	U	4.4	U
100-41-4	Ethylbenzene	TO-15	ug/m3	4.2	U	4.4	U	4.2	U	4.2	U	4.1	U
108-38-3	m-Xylene	TO-15	ug/m3	4.2	U	4.4	U	3.6	J	1.7	J	1.7	J
95-47-6	o-Xylene	TO-15	ug/m3	4.2	U	4.4	U	2.1	J	4.2	U	4.1	U
100-42-5	Styrene	TO-15	ug/m3	4.1	U	4.3	U	4.1	U	4.1	U	4	U
75-25-2	Bromoform	TO-15	ug/m3	10	U	10	U	9.9	U	9.9	U	9.8	U
98-82-8	Isopropylbenzene	TO-15	ug/m3	4.8	U	5	U	4.7	U	4.7	U	4.6	U
79-34-5	1,1,2,2-Tetrachloroethane	TO-15	ug/m3	6.6	U	6.9	U	6.6	U	6.6	U	6.5	U
103-65-1	n-Propylbenzene	TO-15	ug/m3	4.8	U	5	U	0.95	J	4.7	U	4.6	U
622-96-8	4-Ethyltoluene	TO-15	ug/m3	4.8	U	5	U	3.2	J	4.7	U	4.6	U
108-67-8	1,3,5-Trimethyl Benzene	TO-15	ug/m3	4.8	U	5	U	1	J	4.7	U	4.6	U
95-63-6	1,2,4-Trimethylbenzene	TO-15	ug/m3	4.8	U	5	U	3.6	J	4.7	U	4.6	U
541-73-1	1,3-Dichlorobenzene	TO-15	ug/m3	5.8	U	6.1	U	5.8	U	5.8	U	5.7	U
106-46-7	1,4-Dichlorobenzene	TO-15	ug/m3	5.8	U	6.1	U	5.8	U	5.8	U	5.7	U
100-44-7	Benzyl Chloride	TO-15	ug/m3	5	U	5.2	U	5	U	5	U	4.9	U
95-50-1	1,2-Dichlorobenzene	TO-15	ug/m3	5.8	U	6.1	U	5.8	U	5.8	U	5.7	U
120-82-1	1,2,4-Trichlorobenzene	TO-15	ug/m3	29	UJ	30	UJ	28	UJ	28	UJ	28	UJ
87-68-3	Hexachlorobutadiene	TO-15	ug/m3	41	U	43	U	41	U	41	U	40	U

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Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-06 12/21/2005 15 ft		SGRF-07 12/22/2005 15 ft		SGRF-08 12/22/2005 15 ft		SGRF-08-Dup SGRF-09 12/22/2005 15 ft		SGRF-12 12/23/2005 15 ft	
(Group Code)	**(Group Description)**												
1-TO-15	**Volatile Organic Compounds - Air**												
75-71-8	Dichlorodifluoromethane	TO-15	ug/m3	4.7	U	4.8	U	5.2	U	5.3	U	4.9	U
76-14-2	1,2-Dichlorotetrafluoroethane;Fluorocarbon 114	TO-15	ug/m3	6.7	U	6.8	U	7.3	U	7.6	U	6.9	U
74-87-3	Chloromethane	TO-15	ug/m3	7.9	U	8	U	8.6	U	8.9	U	8.1	U
75-01-4	Vinyl Chloride	TO-15	ug/m3	2.4	U	2.5	U	2.7	U	2.8	U	2.5	U
106-99-0	1,3-Butadiene	TO-15	ug/m3	2.1	U	2.1	U	2.3	U	2.4	U	2.2	U
74-83-9	Bromomethane	TO-15	ug/m3	3.7	U	3.8	U	4	U	4.2	U	3.8	U
75-00-3	Chloroethane	TO-15	ug/m3	2.5	U	2.6	U	2.8	U	2.8	U	2.6	U
75-69-4	Trichlorofluoromethane	TO-15	ug/m3	5.4	U	5.4	U	5.9	U	6.1	U	5.5	U
64-17-5	Ethanol	TO-15	ug/m3	7.7		9.1		12		9.6		6.9	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	TO-15	ug/m3	7.4	U	7.4	U	8	U	8.3	U	7.5	U
75-35-4	1,1-Dichloroethene	TO-15	ug/m3	3.8	U	3.8	U	4.1	U	4.3	U	3.9	U
67-64-1	Acetone	TO-15	ug/m3	18		15		22		10		8.4	J
67-63-0	Isopropyl Alcohol (Manufacturing-Strong Acid	TO-15	ug/m3	9.4	U	9.5	U	10	U	11	U	9.7	U
75-15-0	Carbon Disulfide	TO-15	ug/m3	1.4	J	0.92	J	0.94	J	3.4	U	3.1	U
107-05-1	3-Chloropropene	TO-15	ug/m3	12	U	12	U	13	U	14	U	12	U
75-09-2	Methylene Chloride	TO-15	ug/m3	0.99	J	3.4	U	3.6	U	3.8	U	3.4	U
1634-04-4	Methyl tert-Butyl Ether	TO-15	ug/m3	3.5	U	3.5	U	3.8	U	3.9	U	3.6	U
156-60-5	trans-1,2-Dichloroethene	TO-15	ug/m3	3.8	U	3.8	U	4.1	U	4.3	U	3.9	U
110-54-3	Hexane	TO-15	ug/m3	1.1	J	2.8	J	2	J	1.9	J	3.5	U
75-34-3	1,1-Dichloroethane	TO-15	ug/m3	3.9	U	3.9	U	4.2	U	4.4	U	4	U
78-93-3	2-Butanone	TO-15	ug/m3	0.95	J	1.3	J	2.5	J	3.2	U	1.2	J
156-59-2	cis-1,2-Dichloroethene	TO-15	ug/m3	3.8	U	3.8	U	4.1	U	4.3	U	3.9	U
109-99-9	Tetrahydrofuran	TO-15	ug/m3	2.8	U	2.9	U	3.1	U	3.2	U	2.9	U
67-66-3	Chloroform	TO-15	ug/m3	4.7	U	4.7	U	5.1	U	5.3	U	4.8	U
71-55-6	1,1,1-Trichloroethane	TO-15	ug/m3	5.2	U	5.3	U	5.7	U	5.9	U	5.4	U
110-82-7	Cyclohexane	TO-15	ug/m3	3.3	U	3.3	U	3.6	U	3.7	U	3.4	U
56-23-5	Carbon Tetrachloride	TO-15	ug/m3	6	U	6.1	U	6.6	U	6.8	U	6.2	U
540-84-1	2,2,4-Trimethylpentane	TO-15	ug/m3	4.5	U	4.5	U	4.9	U	5	U	4.6	U
71-43-2	Benzene	TO-15	ug/m3	1.6	J	1.6	J	2.2	J	1.8	J	1.8	J
107-06-2	1,2-Dichloroethane	TO-15	ug/m3	3.9	U	3.9	U	4.2	U	4.4	U	4	U
142-82-5	n-Heptane	TO-15	ug/m3	3.9	U	4	U	4.3	U	4.4	U	4	U
79-01-6	Trichloroethene	TO-15	ug/m3	5.2	U	5.2	U	5.6	U	5.8	U	5.3	U
78-87-5	1,2-Dichloropropane	TO-15	ug/m3	4.4	U	4.5	U	4.8	U	5	U	4.6	U
123-91-1	1,4-Dioxane	TO-15	ug/m3	14	U	14	U	15	U	16	U	14	U
75-27-4	Bromodichloromethane	TO-15	ug/m3	6.4	U	6.5	U	7	U	7.2	U	6.6	U
10061-01-5	cis-1,3-Dichloropropene	TO-15	ug/m3	4.4	U	4.4	U	4.7	U	4.9	U	4.5	U
108-10-1	4-Methyl-2-pentanone	TO-15	ug/m3	3.9	U	4	U	4.3	U	4.4	U	4	U

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-06 12/21/2005 15 ft		SGRF-07 12/22/2005 15 ft		SGRF-08 12/22/2005 15 ft		SGRF-08-Dup SGRF-09 12/22/2005 15 ft		SGRF-12 12/23/2005 15 ft	
108-88-3	Toluene	TO-15	ug/m3	3.2	J	3.2	J	4.5		3.9	J	2.2	J
10061-02-6	trans-1,3-Dichloropropene	TO-15	ug/m3	4.4	U	4.4	U	4.7	U	4.9	U	4.5	U
79-00-5	1,1,2-Trichloroethane	TO-15	ug/m3	5.2	U	5.3	U	5.7	U	5.9	U	5.4	U
127-18-4	Tetrachloroethene	TO-15	ug/m3	6.5	U	6.6	U	7.1	U	7.3	U	6.7	U
591-78-6	2-Hexanone	TO-15	ug/m3	16	U	16	U	17	U	18	U	16	U
124-48-1	Dibromochloromethane	TO-15	ug/m3	8.2	U	8.3	U	8.9	U	9.2	U	8.4	U
106-93-4	1,2-Dibromoethane	TO-15	ug/m3	7.4	U	7.4	U	8	U	8.3	U	7.6	U
108-90-7	Chlorobenzene	TO-15	ug/m3	4.4	U	4.5	U	4.8	U	5	U	4.5	U
100-41-4	Ethylbenzene	TO-15	ug/m3	4.2	U	4.2	U	4.5	U	4.7	U	4.3	U
108-38-3	m-Xylene	TO-15	ug/m3	1.7	J	1.9	J	2.8	J	2.3	J	4.3	U
95-47-6	o-Xylene	TO-15	ug/m3	4.2	U	4.2	U	4.5	U	4.7	U	4.3	U
100-42-5	Styrene	TO-15	ug/m3	4.1	U	4.1	U	4.4	U	4.6	U	4.2	U
75-25-2	Bromoform	TO-15	ug/m3	9.9	U	10	U	11	U	11	U	10	U
98-82-8	Isopropylbenzene	TO-15	ug/m3	4.7	U	4.8	U	5.1	U	5.3	U	4.8	U
79-34-5	1,1,2,2-Tetrachloroethane	TO-15	ug/m3	6.6	U	6.6	U	7.2	U	7.4	U	6.8	U
103-65-1	n-Propylbenzene	TO-15	ug/m3	4.7	U	4.8	U	5.1	U	5.3	U	4.8	U
622-96-8	4-Ethyltoluene	TO-15	ug/m3	4.7	U	4.8	U	5.1	U	5.3	U	4.8	U
108-67-8	1,3,5-Trimethyl Benzene	TO-15	ug/m3	4.7	U	4.8	U	5.1	U	5.3	U	4.8	U
95-63-6	1,2,4-Trimethylbenzene	TO-15	ug/m3	4.7	U	4.8	U	5.1	U	5.3	U	4.8	U
541-73-1	1,3-Dichlorobenzene	TO-15	ug/m3	5.8	U	5.8	U	6.3	U	6.5	U	5.9	U
106-46-7	1,4-Dichlorobenzene	TO-15	ug/m3	5.8	U	5.8	U	6.3	U	6.5	U	5.9	U
100-44-7	Benzyl Chloride	TO-15	ug/m3	5	U	5	U	5.4	U	5.6	U	5.1	U
95-50-1	1,2-Dichlorobenzene	TO-15	ug/m3	5.8	U	5.8	U	6.3	U	6.5	U	5.9	U
120-82-1	1,2,4-Trichlorobenzene	TO-15	ug/m3	28	UJ	29	UJ	31	UJ	32	UJ	29	UJ
87-68-3	Hexachlorobutadiene	TO-15	ug/m3	41	U	41	UJ	44	U	46	U	42	U

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-13 12/23/2005 15 ft		SGRF-14 12/23/2005 15 ft		SGRF-15 12/23/2005 15 ft		SGRF-16 1/5/2006 15 ft		SGRF-17 1/5/2006 15 ft		SGRF-18 1/5/2006 15 ft	
(Group Code)	**(Group Description)**														
1-TO-15	***Volatile Organic Compounds - Air***														
75-71-8	Dichlorodifluoromethane	TO-15	ug/m3	4.9	U	5	U	5.1	U	2.5	J	2.8	J	2.8	J
76-14-2	1,2-Dichlorotetrafluoroethane;Fluorocarbon 114	TO-15	ug/m3	7	U	7.1	U	7.2	U	7.6	U	6.9	U	6.9	U
74-87-3	Chloromethane	TO-15	ug/m3	8.2	U	8.3	U	8.5	U	8.9	U	2.5	J	3.6	J
75-01-4	Vinyl Chloride	TO-15	ug/m3	2.5	U	2.6	U	2.6	U	2.8	UJ	2.5	UJ	2.5	UJ
106-99-0	1,3-Butadiene	TO-15	ug/m3	2.2	U	2.2	U	2.3	U	2.4	U	4		2.2	U
74-83-9	Bromomethane	TO-15	ug/m3	3.9	U	3.9	U	4	U	4.2	U	3.8	U	3.8	U
75-00-3	Chloroethane	TO-15	ug/m3	2.6	U	2.7	U	2.7	U	2.8	U	2.6	U	2.6	U
75-69-4	Trichlorofluoromethane	TO-15	ug/m3	5.6	U	5.7	U	5.8	U	6.1	U	5.5	U	5.5	U
64-17-5	Ethanol	TO-15	ug/m3	8.8		13		18		4.1	J	8.4	J	6.1	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	TO-15	ug/m3	7.6	U	7.7	U	7.8	U	8.3	U	7.5	U	7.5	U
75-35-4	1,1-Dichloroethene	TO-15	ug/m3	3.9	U	4	U	4.1	U	4.3	U	3.9	U	3.9	U
67-64-1	Acetone	TO-15	ug/m3	7.8	J	6.9	J	35		10	U	16	U	9.4	U
67-63-0	Isopropyl Alcohol (Manufacturing-Strong Acid	TO-15	ug/m3	9.8	U	9.9	U	2.7	J	11	U	1.4	J	65	
75-15-0	Carbon Disulfide	TO-15	ug/m3	3.1	U	3.1	U	3.2	U	0.47	J	19		3.1	U
107-05-1	3-Chloropropene	TO-15	ug/m3	12	U	13	U	13	U	14	U	12	U	12	U
75-09-2	Methylene Chloride	TO-15	ug/m3	1.3	J	3.5	U	1.1	J	3.8	U	1.3	J	3.4	U
1634-04-4	Methyl tert-Butyl Ether	TO-15	ug/m3	3.6	U	3.6	U	0.97	J	3.9	UJ	3.6	UJ	3.6	UJ
156-60-5	trans-1,2-Dichloroethene	TO-15	ug/m3	3.9	U	4	U	4.1	U	4.3	U	3.9	U	3.9	U
110-54-3	Hexane	TO-15	ug/m3	1.3	J	1.4	J	2.1	J	3.8	U	3.1	J	3.5	U
75-34-3	1,1-Dichloroethane	TO-15	ug/m3	4	U	4.1	U	4.1	U	4.4	U	4	U	4	U
78-93-3	2-Butanone	TO-15	ug/m3	1.6	J	1	J	7.5		0.96	J	3.1		1.4	J
156-59-2	cis-1,2-Dichloroethene	TO-15	ug/m3	3.9	U	4	U	4.1	U	4.3	U	3.9	U	3.9	U
109-99-9	Tetrahydrofuran	TO-15	ug/m3	1.8	J	3	U	2	J	3.2	U	2.9	U	2.9	U
67-66-3	Chloroform	TO-15	ug/m3	4.8	U	4.9	U	5	U	5.3	U	4.8	U	4.8	U
71-55-6	1,1,1-Trichloroethane	TO-15	ug/m3	5.4	U	5.5	U	5.6	U	5.9	U	5.4	U	5.4	U
110-82-7	Cyclohexane	TO-15	ug/m3	3.4	U	3.5	U	3.5	U	3.7	U	3.4	U	3.4	U
56-23-5	Carbon Tetrachloride	TO-15	ug/m3	6.3	U	6.4	U	6.4	U	6.8	U	6.2	U	6.2	U
540-84-1	2,2,4-Trimethylpentane	TO-15	ug/m3	4.6	U	4.7	U	0.96	J	5	UJ	4.6	UJ	4.6	UJ
71-43-2	Benzene	TO-15	ug/m3	2.3	J	2.8	J	2.8	J	2.2	J	3.8		1.5	J
107-06-2	1,2-Dichloroethane	TO-15	ug/m3	4	U	4.1	U	4.1	U	4.4	U	4	U	4	U
142-82-5	n-Heptane	TO-15	ug/m3	4.1	U	4.1	U	4.2	U	4.4	U	3	J	4	U
79-01-6	Trichloroethene	TO-15	ug/m3	5.3	U	5.4	U	5.5	U	5.8	U	1.5	J	5.3	U
78-87-5	1,2-Dichloropropane	TO-15	ug/m3	4.6	U	4.7	U	4.7	U	5	U	4.6	U	4.6	U
123-91-1	1,4-Dioxane	TO-15	ug/m3	14	U	14	U	15	U	16	U	14	U	2.4	J
75-27-4	Bromodichloromethane	TO-15	ug/m3	6.7	U	6.8	U	6.9	U	7.2	U	6.6	U	6.6	U
10061-01-5	cis-1,3-Dichloropropene	TO-15	ug/m3	4.5	U	4.6	U	4.6	U	4.9	U	4.5	U	4.5	U
108-10-1	4-Methyl-2-pentanone	TO-15	ug/m3	4.1	U	4.1	U	4.2	U	4.4	U	4	U	4	U

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	SGRF-13 12/23/2005 15 ft	SGRF-14 12/23/2005 15 ft	SGRF-15 12/23/2005 15 ft	SGRF-16 1/5/2006 15 ft	SGRF-17 1/5/2006 15 ft	SGRF-18 1/5/2006 15 ft
108-88-3	Toluene	TO-15	ug/m3	3.1 J	3.9	4.6	2.2 J	5.7	3.7 J
10061-02-6	trans-1,3-Dichloropropene	TO-15	ug/m3	4.5 U	4.6 U	4.6 U	4.9 U	4.5 U	4.5 U
79-00-5	1,1,2-Trichloroethane	TO-15	ug/m3	5.4 U	5.5 U	5.6 U	5.9 U	5.4 U	5.4 U
127-18-4	Tetrachloroethene	TO-15	ug/m3	6.7 U	6.8 U	7 U	7.3 U	2.3 J	6.7 U
591-78-6	2-Hexanone	TO-15	ug/m3	16 U	16 U	1.3 J	18 U	16 U	16 U
124-48-1	Dibromochloromethane	TO-15	ug/m3	8.5 U	8.6 U	8.7 U	9.2 U	8.4 U	8.4 U
106-93-4	1,2-Dibromoethane	TO-15	ug/m3	7.6 U	7.8 U	7.9 U	8.3 U	7.6 U	7.6 U
108-90-7	Chlorobenzene	TO-15	ug/m3	4.6 U	4.6 U	4.7 U	5 U	4.5 U	4.5 U
100-41-4	Ethylbenzene	TO-15	ug/m3	4.3 U	4.4 U	4.4 U	4.7 U	4.3 U	4.3 U
108-38-3	m-Xylene	TO-15	ug/m3	3.1 J	2.1 J	2.6 J	4.7 U	4.3 U	2.2 J
95-47-6	o-Xylene	TO-15	ug/m3	1.3 J	4.4 U	4.4 U	4.7 U	4.3 U	4.3 U
100-42-5	Styrene	TO-15	ug/m3	4.2 U	4.3 U	4.4 U	4.6 U	4.2 U	4.2 U
75-25-2	Bromoform	TO-15	ug/m3	10 U	10 U	10 U	11 U	10 U	10 U
98-82-8	Isopropylbenzene	TO-15	ug/m3	4.9 U	5 U	5 U	5.3 U	4.8 U	4.8 U
79-34-5	1,1,2,2-Tetrachloroethane	TO-15	ug/m3	6.8 U	6.9 U	7 U	7.4 U	6.8 U	6.8 U
103-65-1	n-Propylbenzene	TO-15	ug/m3	4.9 U	5 U	5 U	5.3 U	4.8 U	4.8 U
622-96-8	4-Ethyltoluene	TO-15	ug/m3	2.2 J	5 U	5 U	5.3 U	4.8 U	5.2
108-67-8	1,3,5-Trimethyl Benzene	TO-15	ug/m3	4.9 U	5 U	5 U	5.3 U	4.8 U	18
95-63-6	1,2,4-Trimethylbenzene	TO-15	ug/m3	2.9 J	5 U	5 U	5.3 U	4.8 U	4.7 J
541-73-1	1,3-Dichlorobenzene	TO-15	ug/m3	6 U	6.1 U	6.2 U	6.5 U	5.9 U	5.9 U
106-46-7	1,4-Dichlorobenzene	TO-15	ug/m3	6 U	6.1 U	6.2 U	6.5 U	5.9 U	5.9 U
100-44-7	Benzyl Chloride	TO-15	ug/m3	5.2 U	5.2 U	5.3 U	5.6 U	5.1 U	5.1 U
95-50-1	1,2-Dichlorobenzene	TO-15	ug/m3	6 U	6.1 U	6.2 U	6.5 U	5.9 U	5.9 U
120-82-1	1,2,4-Trichlorobenzene	TO-15	ug/m3	30 UJ	30 UJ	30 UJ	32 U	29 U	29 U
87-68-3	Hexachlorobutadiene	TO-15	ug/m3	42 U	43 U	44 U	46 U	42 U	42 U

301832

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-19 1/5/2006 15 ft		SGRF-20 1/5/2006 15 ft		SGRF-21 1/5/2006 15 ft		SGRF-22 1/5/2006 15 ft		SGRF-23 1/5/2006 15 ft		SGRF-24 1/6/2006 15 ft	
(Group Code)	**(Group Description)**														
1-TO-15	**Volatile Organic Compounds - Air**														
75-71-8	Dichlorodifluoromethane	TO-15	ug/m3	5.2	U	2.8	J	2.8	J	2.8	J	2.8	J	5.3	U
76-14-2	1,2-Dichlorotetrafluoroethane;Fluorocarbon 114	TO-15	ug/m3	7.3	U	7.3	U	7.4	U	7.1	U	7.1	U	7.4	U
74-87-3	Chloromethane	TO-15	ug/m3	2.4	J	1.9	J	1.7	J	2.2	J	3.2	J	8.8	U
75-01-4	*Vinyl Chloride*	TO-15	ug/m3	2.7	U	2.7	U	2.7	U	2.6	U	2.6	U	2.7	U
106-99-0	1,3-Butadiene	TO-15	ug/m3	3.3	J	9.9	J	7.2	J	2.4	J	2.2	U	2.4	UJ
74-83-9	Bromomethane	TO-15	ug/m3	4.1	U	4	U	4.1	U	3.9	U	3.9	U	4.1	U
75-00-3	Chloroethane	TO-15	ug/m3	2.8	U	2.8	U	2.8	U	2.7	U	2.7	U	2.8	U
75-69-4	*Trichlorofluoromethane*	TO-15	ug/m3	5.9	U	5.9	U	6	U	5.7	U	5.7	U	6	U
64-17-5	Ethanol	TO-15	ug/m3	10		15		11		14		8.1		5.8	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	TO-15	ug/m3	8	U	8	U	8.2	U	7.7	U	7.7	U	8.2	U
75-35-4	1,1-Dichloroethene	TO-15	ug/m3	4.2	U	4.1	U	4.2	U	4	U	4	U	4.2	U
67-64-1	Acetone	TO-15	ug/m3	15		18		12		18		13		7.9	J
67-63-0	Isopropyl Alcohol (Manufacturing-Strong Acid	TO-15	ug/m3	1.5	J	2.6	J	3.5	J	2.3	J	1.6	J	1.4	J
75-15-0	Carbon Disulfide	TO-15	ug/m3	0.8	J	2.8	J	1.9	J	0.72	J	0.6	J	3.3	U
107-05-1	3-Chloropropene	TO-15	ug/m3	13	U	13	U	13	U	13	U	13	U	13	U
75-09-2	Methylene Chloride	TO-15	ug/m3	3.6	U	3.6	U	3.7	U	3.5	U	2	J	3.7	U
1634-04-4	Methyl tert-Butyl Ether	TO-15	ug/m3	3.8	U	0.95	J	1.3	J	1.4	J	3.6	U	3.8	U
156-60-5	trans-1,2-Dichloroethene	TO-15	ug/m3	4.2	U	4.1	U	4.2	U	4	U	4	U	4.2	U
110-54-3	Hexane	TO-15	ug/m3	3.5	J	5		4.1		1.5	J	3.6	U	3.8	U
75-34-3	1,1-Dichloroethane	TO-15	ug/m3	4.2	U	4.2	U	4.3	U	4.1	U	4.1	U	4.3	U
78-93-3	2-Butanone	TO-15	ug/m3	3.1		4.2		3	J	3	J	2.5	J	2	J
156-59-2	cis-1,2-Dichloroethene	TO-15	ug/m3	4.2	U	4.1	U	4.2	U	4	U	4	U	4.2	U
109-99-9	Tetrahydrofuran	TO-15	ug/m3	3.1	U	3.1	U	3.1	U	3	U	3	U	2.2	J
67-66-3	Chloroform	TO-15	ug/m3	5.1	U	5.1	U	5.2	U	4.9	U	4.9	U	5.2	U
71-55-6	1,1,1-Trichloroethane	TO-15	ug/m3	5.7	U	5.7	U	5.8	U	5.5	U	5.5	U	5.8	U
110-82-7	Cyclohexane	TO-15	ug/m3	3.6	U	3.6	U	3.7	U	3.5	U	3.5	U	3.7	U
56-23-5	*Carbon Tetrachloride*	TO-15	ug/m3	6.6	UJ	6.6	UJ	6.7	UJ	6.4	UJ	6.4	UJ	6.7	U
540-84-1	2,2,4-Trimethylpentane	TO-15	ug/m3	4.9	U	4.9	U	5	U	4.7	U	4.7	U	5	U
71-43-2	Benzene	TO-15	ug/m3	2.6	J	4.2		3.4		2	J	1.5	J	1.3	J
107-06-2	1,2-Dichloroethane	TO-15	ug/m3	4.2	U	4.2	U	2.4	J	4.1	U	4.1	U	4.3	U
142-82-5	*n-Heptane*	TO-15	ug/m3	4.3	U	3.4	J	4.4	U	4.1	U	4.1	U	4.4	U
79-01-6	Trichloroethene	TO-15	ug/m3	5.6	U	5.6	U	5.7	U	5.4	U	5.4	U	5.7	U
78-87-5	1,2-Dichloropropane	TO-15	ug/m3	4.8	U	4.8	U	4.9	U	4.7	U	4.7	U	4.9	U
123-91-1	1,4-Dioxane	TO-15	ug/m3	15	U	15	U	19		14	U	14	U	15	U
75-27-4	Bromodichloromethane	TO-15	ug/m3	7	U	7	U	7.1	U	6.8	U	6.8	U	7.1	U
10061-01-5	cis-1,3-Dichloropropene	TO-15	ug/m3	4.8	U	4.7	U	4.8	U	4.6	U	4.6	U	4.8	U
108-10-1	4-Methyl-2-pentanone	TO-15	ug/m3	4.3	U	4.3	U	4.4	U	4.1	U	4.1	U	4.4	U

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-19 1/5/2006 15 ft		SGRF-20 1/5/2006 15 ft		SGRF-21 1/5/2006 15 ft		SGRF-22 1/5/2006 15 ft		SGRF-23 1/5/2006 15 ft		SGRF-24 1/6/2006 15 ft	
108-88-3	Toluene	TO-15	ug/m3	3.9	J	6		8.3		4.7		3.6	J	1.9	J
10061-02-6	trans-1,3-Dichloropropene	TO-15	ug/m3	4.8	U	4.7	U	4.8	U	4.6	U	4.6	U	4.8	U
79-00-5	1,1,2-Trichloroethane	TO-15	ug/m3	5.7	U	5.7	U	5.8	U	5.5	U	5.5	U	5.8	U
127-18-4	Tetrachloroethene	TO-15	ug/m3	7.1	U	7.1	U	7.2	U	6.8	U	6.8	U	7.2	U
591-78-6	2-Hexanone	TO-15	ug/m3	17	U	17	U	17	U	16	U	16	U	17	U
124-48-1	Dibromochloromethane	TO-15	ug/m3	8.9	U	8.9	U	9.1	U	8.6	U	8.6	U	9.1	U
106-93-4	1,2-Dibromoethane	TO-15	ug/m3	8.1	U	8	U	8.2	U	7.8	U	7.8	U	8.2	U
108-90-7	Chlorobenzene	TO-15	ug/m3	4.8	U	4.8	U	4.9	U	4.6	U	4.6	U	4.9	U
100-41-4	Ethylbenzene	TO-15	ug/m3	4.6	U	4.5	U	4.6	U	4.4	U	4.4	U	4.6	U
108-38-3	m-Xylene	TO-15	ug/m3	4.6	U	2.4	J	4.2	J	3.6	J	4.4	U	4.6	U
95-47-6	o-Xylene	TO-15	ug/m3	4.6	U	4.5	U	1.5	J	1.5	J	4.4	U	4.6	U
100-42-5	Styrene	TO-15	ug/m3	4.5	U	4.4	U	4.5	U	4.3	U	4.3	U	4.5	U
75-25-2	Bromoform	TO-15	ug/m3	11	U	11	U	11	U	10	U	10	U	11	U
98-82-8	Isopropylbenzene	TO-15	ug/m3	5.2	U	5.1	U	5.2	U	5	U	5	U	5.2	U
79-34-5	1,1,2,2-Tetrachloroethane	TO-15	ug/m3	7.2	U	7.2	U	7.3	U	6.9	U	6.9	U	7.3	U
103-65-1	n-Propylbenzene	TO-15	ug/m3	5.2	U	5.1	U	5.2	U	5	U	5	U	5.2	U
622-96-8	4-Ethyltoluene	TO-15	ug/m3	5.2	U	5.1	U	5.2	U	1.7	J	5	U	5.2	U
108-67-8	1,3,5-Trimethyl Benzene	TO-15	ug/m3	5.2	U	5.1	U	5.2	U	5	U	5	U	5.2	U
95-63-6	1,2,4-Trimethylbenzene	TO-15	ug/m3	5.2	U	5.1	U	5.2	U	2	J	5	U	5.2	U
541-73-1	1,3-Dichlorobenzene	TO-15	ug/m3	6.3	U	6.3	U	6.4	U	6.1	U	6.1	U	6.4	U
106-46-7	1,4-Dichlorobenzene	TO-15	ug/m3	6.3	U	6.3	U	6.4	U	6.1	U	6.1	U	6.4	U
100-44-7	Benzyl Chloride	TO-15	ug/m3	5.4	U	5.4	U	5.5	U	5.2	U	5.2	U	5.5	U
95-50-1	1,2-Dichlorobenzene	TO-15	ug/m3	6.3	U	6.3	U	6.4	U	6.1	U	6.1	U	6.4	U
120-82-1	1,2,4-Trichlorobenzene	TO-15	ug/m3	31	UJ	31	UJ	32	UJ	30	UJ	30	UJ	32	UJ
87-68-3	Hexachlorobutadiene	TO-15	ug/m3	45	U	44	U	45	U	43	U	43	U	45	UJ

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Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-25 1/6/2006 15 ft		SGRF-26 1/6/2006 15 ft		SGRF-27 1/6/2006 15 ft		SGRF-28 1/6/2006 15 ft		SGRF-29 1/6/2006 15 ft		SGRF-30 1/6/2006 15 ft	
(Group Code)	**(Group Description)**														
1-TO-15	**Volatile Organic Compounds - Air**														
75-71-8	Dichlorodifluoromethane	TO-15	ug/m3	4.9	U	5.3	U	4.9	U	4.9	U	5	U	5	U
76-14-2	1,2-Dichlorotetrafluoroethane;Fluorocarbon 114	TO-15	ug/m3	7	U	7.6	U	7	U	7	U	7.1	U	7.1	U
74-87-3	Chloromethane	TO-15	ug/m3	8.2	U	8.9	U	8.2	U	8.2	U	8.3	U	8.3	U
75-01-4	Vinyl Chloride	TO-15	ug/m3	2.5	U	2.8	U	2.5	U	2.5	U	2.6	U	2.6	U
106-99-0	1,3-Butadiene	TO-15	ug/m3	2.2	UJ	2.4	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ
74-83-9	Bromomethane	TO-15	ug/m3	3.9	U	4.2	U	3.9	U	3.9	U	3.9	U	3.9	U
75-00-3	Chloroethane	TO-15	ug/m3	2.6	U	2.8	U	2.6	U	2.6	U	2.7	U	2.7	U
75-69-4	Trichlorofluoromethane	TO-15	ug/m3	5.6	U	6.1	U	1.4	J	1.3	J	5.7	U	1.3	J
64-17-5	Ethanol	TO-15	ug/m3	7	J	8.2		4.5	J	16		6.6	J	7.2	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	TO-15	ug/m3	7.6	U	8.3	U	7.6	U	7.6	U	7.7	U	7.7	U
75-35-4	1,1-Dichloroethene	TO-15	ug/m3	3.9	U	4.3	U	3.9	U	3.9	U	4	U	4	U
67-64-1	Acetone	TO-15	ug/m3	6.8	J	6.7	J	7.1	J	17		9	J	3.9	J
67-63-0	Isopropyl Alcohol (Manufacturing-Strong Acid	TO-15	ug/m3	0.7	J	0.79	J	0.82	J	1.4	J	1.1	J	1.7	J
75-15-0	Carbon Disulfide	TO-15	ug/m3	2.2	J	3.4	U	3.1	U	1.3	J	3.1	U	3.1	U
107-05-1	3-Chloropropene	TO-15	ug/m3	12	U	14	U	12	U	12	U	13	U	13	U
75-09-2	Methylene Chloride	TO-15	ug/m3	0.84	J	3.8	U	3.4	U	3.4	U	1	J	1.6	J
1634-04-4	Methyl tert-Butyl Ether	TO-15	ug/m3	3.6	U	3.9	U	3.6	U	3.6	U	3.6	U	3.6	U
156-60-5	trans-1,2-Dichloroethene	TO-15	ug/m3	3.9	U	4.3	U	3.9	U	3.9	U	4	U	4	U
110-54-3	Hexane	TO-15	ug/m3	1.5	J	3.8	U	3.5	U	1.6	J	3.6	U	1.3	J
75-34-3	1,1-Dichloroethane	TO-15	ug/m3	4	U	4.4	U	4	U	4	U	4.1	U	4.1	U
78-93-3	2-Butanone	TO-15	ug/m3	2	J	1.8	J	1.6	J	3.5		2	J	3	U
156-59-2	cis-1,2-Dichloroethene	TO-15	ug/m3	3.9	U	4.3	U	3.9	U	3.9	U	4	U	4	U
109-99-9	Tetrahydrofuran	TO-15	ug/m3	2.9	U	3.2	U	2.9	U	2.9	U	2.6	J	3.6	
67-66-3	Chloroform	TO-15	ug/m3	4.8	U	5.3	U	4.8	U	4.8	U	4.9	U	4.9	U
71-55-6	1,1,1-Trichloroethane	TO-15	ug/m3	5.4	U	5.9	U	5.4	U	5.4	U	5.5	U	5.5	U
110-82-7	Cyclohexane	TO-15	ug/m3	3.4	U	3.7	U	3.4	U	3.4	U	3.5	U	3.5	U
56-23-5	Carbon Tetrachloride	TO-15	ug/m3	6.3	U	6.8	U	6.3	U	6.3	U	6.4	U	6.4	U
540-84-1	2,2,4-Trimethylpentane	TO-15	ug/m3	4.6	U	5	U	4.6	U	4.6	U	4.7	U	4.7	U
71-43-2	Benzene	TO-15	ug/m3	2.2	J	1.4	J	1.3	J	1.7	J	1.4	J	1.3	J
107-06-2	1,2-Dichloroethane	TO-15	ug/m3	4	U	4.4	U	4	U	4	U	4.1	U	4.1	U
142-82-5	n-Heptane	TO-15	ug/m3	4.1	U	4.4	U	4.1	U	4.1	U	4.1	U	4.1	U
79-01-6	Trichloroethene	TO-15	ug/m3	23		5.8	U	5.3	U	5.3	U	5.4	U	5.4	U
78-87-5	1,2-Dichloropropane	TO-15	ug/m3	4.6	U	5	U	4.6	U	4.6	U	4.7	U	4.7	U
123-91-1	1,4-Dioxane	TO-15	ug/m3	14	U	16	U	14	U	14	U	14	U	14	U
75-27-4	Bromodichloromethane	TO-15	ug/m3	6.7	U	7.2	U	6.7	U	6.7	U	6.8	U	6.8	U
10061-01-5	cis-1,3-Dichloropropene	TO-15	ug/m3	4.5	U	4.9	U	4.5	U	4.5	U	4.6	U	4.6	U
108-10-1	4-Methyl-2-pentanone	TO-15	ug/m3	4.1	U	4.4	U	4.1	U	4.1	U	4.1	U	4.1	U

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-25 1/6/2006 15 ft		SGRF-26 1/6/2006 15 ft		SGRF-27 1/6/2006 15 ft		SGRF-28 1/6/2006 15 ft		SGRF-29 1/6/2006 15 ft		SGRF-30 1/6/2006 15 ft	
108-88-3	Toluene	TO-15	ug/m3	2.6	J	2.4	J	2.2	J	2.3	J	1.8	J	3.1	J
10061-02-6	trans-1,3-Dichloropropene	TO-15	ug/m3	4.5	U	4.9	U	4.5	U	4.5	U	4.6	U	4.6	U
79-00-5	1,1,2-Trichloroethane	TO-15	ug/m3	5.4	U	5.9	U	5.4	U	5.4	U	5.5	U	5.5	U
127-18-4	Tetrachloroethene	TO-15	ug/m3	6.7	U	7.3	U	6.7	U	6.7	U	6.8	U	6.8	U
591-78-6	2-Hexanone	TO-15	ug/m3	16	U	18	U	16	U	16	U	16	U	16	U
124-48-1	Dibromochloromethane	TO-15	ug/m3	8.5	U	9.2	U	8.5	U	8.5	U	8.6	U	8.6	U
106-93-4	1,2-Dibromoethane	TO-15	ug/m3	7.6	U	8.3	U	7.6	U	7.6	U	7.8	U	7.8	U
108-90-7	Chlorobenzene	TO-15	ug/m3	4.6	U	5	U	4.6	U	4.6	U	4.6	U	4.6	U
100-41-4	Ethylbenzene	TO-15	ug/m3	4.3	U	4.7	U	4.3	U	4.3	U	4.4	U	4.4	U
108-38-3	m-Xylene	TO-15	ug/m3	4.3	U	4.7	U	4.3	U	4.3	U	4.4	U	4.4	U
95-47-6	o-Xylene	TO-15	ug/m3	4.3	U	4.7	U	4.3	U	4.3	U	4.4	U	4.4	U
100-42-5	Styrene	TO-15	ug/m3	4.2	U	4.6	U	4.2	U	4.2	U	4.3	U	4.3	U
75-25-2	Bromoform	TO-15	ug/m3	10	U	11	U	10	U	10	U	10	U	10	U
98-82-8	Isopropylbenzene	TO-15	ug/m3	4.9	U	5.3	U	4.9	U	4.9	U	5	U	5	U
79-34-5	1,1,2,2-Tetrachloroethane	TO-15	ug/m3	6.8	U	7.4	U	6.8	U	6.8	U	6.9	U	6.9	U
103-65-1	n-Propylbenzene	TO-15	ug/m3	4.9	U	5.3	U	4.9	U	4.9	U	5	U	5	U
622-96-8	4-Ethyltoluene	TO-15	ug/m3	4.9	U	5.3	U	1.5	J	4.9	U	5	U	5	U
108-67-8	1,3,5-Trimethyl Benzene	TO-15	ug/m3	4.9	U	5.3	U	4.9	U	4.9	U	5	U	5	U
95-63-6	1,2,4-Trimethylbenzene	TO-15	ug/m3	4.9	U	5.3	U	1.6	J	4.9	U	5	U	5	U
541-73-1	1,3-Dichlorobenzene	TO-15	ug/m3	6	U	6.5	U	6	U	6	U	6.1	U	6.1	U
106-46-7	1,4-Dichlorobenzene	TO-15	ug/m3	6	U	6.5	U	6	U	6	U	6.1	U	6.1	U
100-44-7	Benzyl Chloride	TO-15	ug/m3	5.2	U	5.6	U	5.2	U	5.2	U	5.2	U	5.2	U
95-50-1	1,2-Dichlorobenzene	TO-15	ug/m3	6	U	6.5	U	6	U	6	U	6.1	U	6.1	U
120-82-1	1,2,4-Trichlorobenzene	TO-15	ug/m3	30	UJ	32	UJ	30	UJ	30	UJ	30	UJ	30	UJ
87-68-3	Hexachlorobutadiene	TO-15	ug/m3	42	UJ	46	UJ	42	UJ	42	UJ	43	UJ	43	UJ

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Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-31 1/6/2006 15 ft		SGRF-32 1/6/2006 15 ft		SGRF-33 1/6/2006 15 ft		SGRF-33-Dup SGRF-34 1/6/2006 15 ft	
(Group Code)	**(Group Description)**										
1-TO-15	**Volatile Organic Compounds - Air**										
75-71-8	Dichlorodifluoromethane	TO-15	ug/m3	4.9	U	5	U	5	U	4.9	U
76-14-2	1,2-Dichlorotetrafluoroethane;Fluorocarbon 114	TO-15	ug/m3	7	U	7.1	U	7.1	U	6.9	U
74-87-3	Chloromethane	TO-15	ug/m3	8.2	U	8.3	U	8.3	U	8.1	U
75-01-4	Vinyl Chloride	TO-15	ug/m3	2.5	U	2.6	U	2.6	U	2.5	U
106-99-0	1,3-Butadiene	TO-15	ug/m3	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ
74-83-9	Bromomethane	TO-15	ug/m3	3.9	U	3.9	U	3.9	U	3.8	U
75-00-3	Chloroethane	TO-15	ug/m3	2	J	2.7	U	2.7	U	2.6	U
75-69-4	Trichlorofluoromethane	TO-15	ug/m3	5.6	U	5.7	U	5.7	U	5.5	U
64-17-5	Ethanol	TO-15	ug/m3	70		3.8	J	3	J	6.7	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	TO-15	ug/m3	7.6	U	7.7	U	7.7	U	7.5	U
75-35-4	1,1-Dichloroethene	TO-15	ug/m3	3.9	U	4	U	4	U	3.9	U
67-64-1	Acetone	TO-15	ug/m3	7.6	J	14		5.5	J	2.7	J
67-63-0	Isopropyl Alcohol (Manufacturing-Strong Acid	TO-15	ug/m3	2.4	J	1.6	J	0.81	J	0.82	J
75-15-0	Carbon Disulfide	TO-15	ug/m3	0.98	J	3.1	U	3.1	U	1	J
107-05-1	3-Chloropropene	TO-15	ug/m3	12	U	13	U	13	U	12	U
75-09-2	Methylene Chloride	TO-15	ug/m3	3.4	U	3.5	U	3.5	U	3.4	U
1634-04-4	Methyl tert-Butyl Ether	TO-15	ug/m3	3.6	U	3.6	U	3.6	U	3.6	U
156-60-5	trans-1,2-Dichloroethene	TO-15	ug/m3	3.9	U	4	U	4	U	3.9	U
110-54-3	Hexane	TO-15	ug/m3	3.5	U	1.8	J	3.6	U	3.5	U
75-34-3	1,1-Dichloroethane	TO-15	ug/m3	4	U	4.1	U	4.1	U	4	U
78-93-3	2-Butanone	TO-15	ug/m3	1.7	J	2.8	J	0.91	J	0.96	J
156-59-2	cis-1,2-Dichloroethene	TO-15	ug/m3	3.9	U	4	U	4	U	3.9	U
109-99-9	Tetrahydrofuran	TO-15	ug/m3	2.9	U	2.1	J	3	U	2.9	U
67-66-3	Chloroform	TO-15	ug/m3	4.8	U	4.9	U	4.9	U	4.8	U
71-55-6	1,1,1-Trichloroethane	TO-15	ug/m3	5.4	U	5.5	U	5.5	U	5.4	U
110-82-7	Cyclohexane	TO-15	ug/m3	3.4	U	3.5	U	3.5	U	3.4	U
56-23-5	Carbon Tetrachloride	TO-15	ug/m3	6.3	U	6.4	U	6.4	U	6.2	U
540-84-1	2,2,4-Trimethylpentane	TO-15	ug/m3	4.6	U	4.7	U	4.7	U	4.6	U
71-43-2	Benzene	TO-15	ug/m3	1.4	J	3	J	1.2	J	0.86	J
107-06-2	1,2-Dichloroethane	TO-15	ug/m3	4	U	4.1	U	4.1	U	4	U
142-82-5	n-Heptane	TO-15	ug/m3	4.1	U	4.1	U	4.1	U	4	U
79-01-6	Trichloroethene	TO-15	ug/m3	5.3	U	5.4	U	5.4	U	5.3	U
78-87-5	1,2-Dichloropropane	TO-15	ug/m3	4.6	U	4.7	U	4.7	U	4.6	U
123-91-1	1,4-Dioxane	TO-15	ug/m3	14	U	14	U	14	U	14	U
75-27-4	Bromodichloromethane	TO-15	ug/m3	6.7	U	6.8	U	6.8	U	6.6	U
10061-01-5	cis-1,3-Dichloropropene	TO-15	ug/m3	4.5	U	4.6	U	4.6	U	4.5	U
108-10-1	4-Methyl-2-pentanone	TO-15	ug/m3	4.1	U	4.1	U	4.1	U	4	U

Roosevelt Field
Soil Gas Samples
Volatile Organic Compounds - Air

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	SGRF-31 1/6/2006 15 ft		SGRF-32 1/6/2006 15 ft		SGRF-33 1/6/2006 15 ft		SGRF-33-Dup SGRF-34 1/6/2006 15 ft	
108-88-3	Toluene	TO-15	ug/m3	1.4	J	2.6	J	1.4	J	1.3	J
10061-02-6	trans-1,3-Dichloropropene	TO-15	ug/m3	4.5	U	4.6	U	4.6	U	4.5	U
79-00-5	1,1,2-Trichloroethane	TO-15	ug/m3	5.4	U	5.5	U	5.5	U	5.4	U
127-18-4	Tetrachloroethene	TO-15	ug/m3	6.7	U	6.8	U	6.8	U	6.7	U
591-78-6	2-Hexanone	TO-15	ug/m3	16	U	16	U	16	U	16	U
124-48-1	Dibromochloromethane	TO-15	ug/m3	8.5	U	8.6	U	8.6	U	8.4	U
106-93-4	1,2-Dibromoethane	TO-15	ug/m3	7.6	U	7.8	U	7.8	U	7.6	U
108-90-7	Chlorobenzene	TO-15	ug/m3	4.6	U	4.6	U	4.6	U	4.5	U
100-41-4	Ethylbenzene	TO-15	ug/m3	4.3	U	4.4	U	4.4	U	4.3	U
108-38-3	m-Xylene	TO-15	ug/m3	4.3	U	4.4	U	4.4	U	4.3	U
95-47-6	o-Xylene	TO-15	ug/m3	4.3	U	4.4	U	4.4	U	4.3	U
100-42-5	Styrene	TO-15	ug/m3	4.2	U	4.3	U	4.3	U	4.2	U
75-25-2	Bromoform	TO-15	ug/m3	10	U	10	U	10	U	10	U
98-82-8	Isopropylbenzene	TO-15	ug/m3	4.9	U	5	U	5	U	4.8	U
79-34-5	1,1,2,2-Tetrachloroethane	TO-15	ug/m3	6.8	U	6.9	U	6.9	U	6.8	U
103-65-1	n-Propylbenzene	TO-15	ug/m3	4.9	U	5	U	5	U	4.8	U
622-96-8	4-Ethyltoluene	TO-15	ug/m3	4.9	U	1.7	J	5	U	4.8	U
108-67-8	1,3,5-Trimethyl Benzene	TO-15	ug/m3	4.9	U	5	U	5	U	4.8	U
95-63-6	1,2,4-Trimethylbenzene	TO-15	ug/m3	4.9	U	2.2	J	5	U	4.8	U
541-73-1	1,3-Dichlorobenzene	TO-15	ug/m3	6	U	6.1	U	6.1	U	5.9	U
106-46-7	1,4-Dichlorobenzene	TO-15	ug/m3	6	U	6.1	U	6.1	U	5.9	U
100-44-7	Benzyl Chloride	TO-15	ug/m3	5.2	U	5.2	U	5.2	U	5.1	U
95-50-1	1,2-Dichlorobenzene	TO-15	ug/m3	6	U	6.1	U	6.1	U	5.9	U
120-82-1	1,2,4-Trichlorobenzene	TO-15	ug/m3	30	UJ	30	UJ	30	UJ	29	UJ
87-68-3	Hexachlorobutadiene	TO-15	ug/m3	42	UJ	43	UJ	43	UJ	42	UJ

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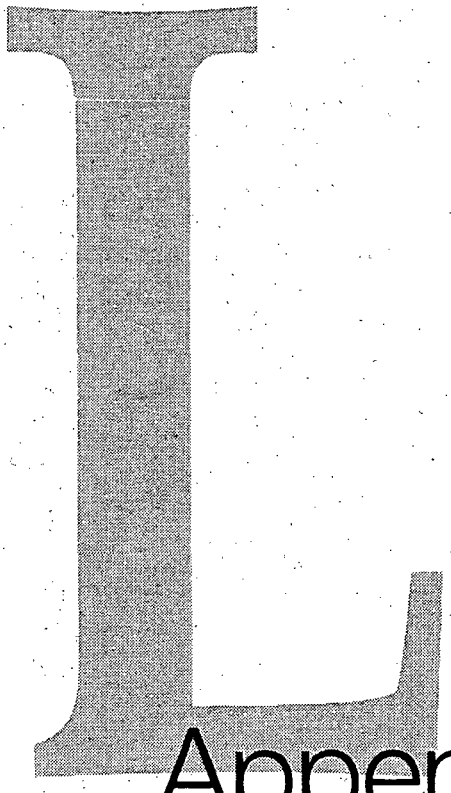

Appendix L

Appendix L

Data Usability Reports

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Appendix L
Data Usability Assessment Report

CDM Federal Programs Corporation (CDM) performed field activities at the Old Roosevelt Field Contaminated Groundwater site (the Roosevelt Field site). Samples were collected from August 2005 through July 2006.

The purpose of this assessment is to evaluate the data collected and determine whether they meet the quality objectives outlined in the Final Quality Assurance Project Plan, Remedial Investigation/Feasibility Study (RI/FS), Old Roosevelt Field Contaminated Groundwater Site, Nassau County, Garden City, New York, June 2005 (QAPP) and the Final QAPP Addendum for the Source Area Soil Gas Survey (October 2005).

The results of the data evaluations completed by CDM are presented in this section. The full data validation narratives were reviewed to prepare this report.

F.1 Usability Summary

Samples were collected and analyzed in accordance with the QAPPs for the Roosevelt Field site.

The volatile organic compound (VOC) samples collected from the vertical profile borings were not validated but were used as screening data to determine onsite well locations.

Data generated onsite, ferrous iron, soluble manganese, hydrogen sulfide, and water quality data are semi-quantitative and are usable for natural attenuation/degradation evaluation. These field generated data will not be used to determine site contamination.

All other data associated with this report are usable as reported with the data validation qualifiers added. Rejected data are flagged "R" and are unusable. The project objective (90 percent) for usable data was achieved.

F.2 Project Objectives

Quality assurance (QA) objectives for measuring data are expressed in terms of precision, accuracy, representativeness, comparability, and completeness. The QA objectives provide a mechanism for on-going control, and evaluating and measuring data quality throughout the project.

Field data collection activities conducted at the Roosevelt Field site during the RI are being used to support the determination of nature and extent of contamination at the site. The field activities included collection of soil vapor, air and groundwater samples. Two rounds of groundwater samples (321, including QC samples) were collected from 8 multiport wells, 2

#1 - Change to Drilling and Groundwater Screening Procedures
#2 - Elimination of Salt Tracer (Potassium Bromide) Requirement for Drilling Mud and Change to Outer Screen Well Development Procedure
#3 - Change in Annular Seal Material
#4 - Change to SVP-08 Screen Zones

None of the changes listed negatively impacted the projects' quality objectives. The rationale and modifications are documented in the FCRs which are included in the RI/FS report to which this document is attached.

F.4 Field Quality Assurance/ Quality Control (QA/QC)

Field Quality Assurance/Quality Control (QA/QC) objectives were accomplished through the use of appropriate sampling techniques and collection of field duplicates, rinsate blanks and trip blanks. Analytical QA/QC was assessed by internal QC checks, method blanks, surrogate spikes, sample custody tracking, sample preservation, adherence to holding times, laboratory control samples (LCSs) and MS/MSDs.

F.4.1 Methods

Samples were analyzed using the following methods:

- TO-15 for air VOCs
- OLM04.3 and SOM01.1 for VOCs
- OLC03.2 and SOM01.1 (trace method) for low detection limit VOCs
- OLM04.3 and SOM01.1 for semi-volatile organic compounds (SVOCs)
- OLM04.3 and SOM01.1 for pesticides
- OLM04.3 and SOM01.1 for polychlorinated biphenols (PCBs)
- SOM01.1 -SIM for 1,4-dioxane
- ILM04.3 for metals, mercury and cyanide
- SW-846 9045C for pH
- RSK 147, 175 for gas analyses
- Lloyd Kahn for total organic carbon (TOC) in soil
- HACH 8146 and HACH 8131 for ferrous iron and sulfide
- EPA 325.3, 353.2, 375.3 and 415.2 for chloride, nitrate, sulfate, and TOC

CLP data was validated by EPA, and DESA data was reported as validated. The data validation was performed using EPA Region 2 guidelines. Screening VOC data was not validated. General chemistry parameters analyzed by GPL laboratory were validated by CDM according to the CDM standard operating procedure, Standard Operating Procedure (SOP) CDM-029A, dated July 2001, a modification of United States Environmental Protection Agency's (USEPA) National Functional Guidelines for Inorganic Data Review, February 1994.

The data validation narratives indicate that the sample analyses generally met the QC criteria cited in the methods. Results associated with QC outliers were appropriately qualified by data validators.

Data Quality Indicator (DQI) criteria were established to ensure accuracy, precision, sensitivity, and completeness of analysis for the analytical fractions and for the media sampled. Analytical QC procedures are detailed in the methods and laboratory specific SOPs. Analytical accuracy, precision, and sensitivity data quality objectives (DQOs) required for this project are provided in the laboratory SOWs.

F.4.2 Data Completeness

Completeness of the field program is defined as the percentage of samples planned for collection as listed in the Final QAPP and Final QAPP Addendum versus the actual samples collected during the field program. (See equation A).

Completeness for acceptable data is defined as the percentage of acceptable data obtained judged to be valid versus the total quantity of data generated. (See equation B.) Acceptable data includes both data which passes all the QC criteria (unqualified data) and data that may not pass all of the QC criteria but had appropriate corrective actions taken (qualified but useable data).

A. $\%\ \text{Completeness} = C \times \frac{100}{n}$

where,

C= actual number of samples collected
n = total number of samples planned

B. $\%\ \text{Completeness} = V \times \frac{100}{n'}$

where,

V= number of measurements judged valid
n' = total number of measurements made

Analytical results from all samples for analyses listed in the Final QAPP and Final QAPP Addendum are presented in a variety of reports. The list of samples collected and parameters analyzed are shown on Table 1.

Completeness of the environmental data set achieved by CDM is shown in Table 2 and was as follows: Of the data planned to be collected, 98 percent was actually collected. In Round 1, 99 percent of the data collected was judged valid, and 96 percent of the data collected in Round 2 was judged valid (97 percent overall). The goal was to generate a complete data set for at least 90 percent of the samples planned to be collected and 90 percent valid data of the samples analyzed. No field samples were lost due to shipping. The data rejected during data validation represents 2.6 percent of all data. Data was rejected in the VOC and SVOC fractions for various factors discussed below. The DQO of 90 percent completeness for the Old Roosevelt Field sampling events was exceeded.

F.5 Data Quality Indicators (DQI)

Achievement of the project's quality objectives were determined by the use of DQIs. Tables 6-1 of the Final QAPP and QAPP Addendum outline the DQI requirements for the project. These DQIs for measuring data, formerly called QA objectives, are expressed in terms of precision, accuracy, representativeness, comparability, and completeness. These DQIs provide a mechanism for on-going control, to evaluate and measure data quality throughout the project. These criteria are defined in the appropriate sections below:

F.5.1 Accuracy

Accuracy is a measurement of agreement for a given measurement against an accepted reference value. It is typically assessed through the analysis of matrix spike and calibration check samples, and expressed as a percent recovery.

Analytical accuracy for the entire data collection activity is difficult to measure because several sources of error exist. Errors can be introduced by any of the following:

- Sampling procedure
- Field contamination
- Sample preservation and handling
- Sample matrix
- Sample preparation
- Analytical techniques

By adhering to the approved field and analytical SOPs, the data generated is believed to be accurate. Data validators reviewed the laboratory data for accuracy, that is, the reported surrogate, internal standards, calibration, MS/MSD, MS/D and LCS results.

The extraction holding time and cooler temperatures were met for all sample analyses. Instrument calibration checks, laboratory spike standards, such as surrogates and internal standard recoveries, were also reviewed during data validation. Some recoveries (surrogates) were outside criteria. The data validator qualified the data as required by the validation guidance.

Several VOC compounds were estimated for surrogates recovered outside criteria and some rejected or estimated for deuterated monitoring compound outliers (e.g, acetone and 2-butanone).

Some of the organic calibration verification data showed outliers. Qualifications were applied to associated sample data based on the organic calibration standards recovery and initial calibration relative response factor results. Of note, non-detect results were rejected and hits estimated for calibrations results of 2,4-dinitrophenol and methyl acetate. Sample results for several other organic compounds were qualified as estimated but none were rejected due to calibration criteria being exceeded.

Field sampling accuracy was attained through strict adherence to the approved Final QAPP, Final QAPP Addendum, and by using EPA approved analytical methods for sample analyses. Based on this, the data should represent as near as possible the actual field conditions at the time of sampling.

F.5.2 Precision

Precision is a quantitative term that estimates the reproducibility of a set of replicate measurements under a given set of conditions. It is defined as a measurement of mutual agreement between measurements of the same property, and is expressed in terms of relative percent difference (RPD) between duplicate determinations.

RPD is calculated as follows:

RPD = absolute value [(C1-C2)/{(C1+C2)/2)}] x 100%

Where: C1 = Concentration of split sample #1
C2 = Concentration of split sample #2

The analytical precision for the reported data was determined by review of organic standard deviation and percent difference, inorganic laboratory duplicate results, inductively coupled plasma (ICP) serial dilution results and gas chromatograph (GC) second column confirmation results. Field and analytical precision was determined from the review of the field duplicate results. The field duplicate sample results were compared based upon their RPD. The field duplicate samples were collected in the same manner as the original samples but were collected in separate, individual containers, given separate sample identifiers and treated as individual samples by the laboratory.

Pesticide identification criteria (high RPD between primary and secondary column confirmation) were not met for a few pesticides, such as heptachlor epoxide, endrin ketone, dieldrin, beta-BHC, gamma-chlordane and alpha-chlordane. These results were either qualified as estimated "J", "UJ" or as non-detect "U". Some analytical RPDs were outside criteria. The data validator qualified as estimated TOC data as required by validation guidelines for laboratory duplicates.

The Table 5 series show field duplicate data results. Analytical precision cannot be determined if the reported value is less than the instrument detection limit or the reporting limit. RPDs for result pairs when both are non-detected are noted as not calculable (NC). The absolute difference value (ABS) was calculated when one value was non-detect and one was detected or when both results were below the reporting limit. For the field duplicate samples an RPD of less than 25 percent is good for water samples; and an RPD of less than 50 percent is reasonable for water samples. The project objective established in the QAPP was 50 percent. Duplicate results for low concentration samples are reviewed based on their absolute differences as compared to their respective reporting limit (RL) values.

As shown on Tables 5a-1 through 5a-5, groundwater sampling precision between the field duplicate pairs was good; of the field duplicate pairs with both detected results above the reporting limit, all but dichlorodifluoromethane, trichlorofluoromethane, and tetrachloroethene in GWM-02-6-R1, and carbon disulfide in GWM-06-6-R1, and tetrachloroethene, chromium, iron and nickel in GWM-08-4-R2, had an RPD less than 50. The precision for the lead results is good since the lead duplicate results were low with an absolute difference less than the reporting limit. For the detected low level results, none of the ABS values exceeded the reporting limit.

Field duplicate analysis was also performed on the field test kit sampling and the wet chemistry parameters. Good precision was shown for all, except methane in GWM-02-06-R1, and sulfide in GWP-11-R2. Laboratory duplicate analyses were also performed on these parameters with good results (below 25% RPD).

F.5.3 Blank Contamination

Tables 3a, 3b, 4a, and 4b show the contaminants detected in the trip and field blanks respectively. Field blanks are used to evaluate the presence of contaminants on sampling equipment following decontamination and the potential for cross contamination during sample collection. Trip blanks are used to determine the intrusion of volatile contaminants during sample shipping and storage. Laboratory method blanks are analyzed to indicate possible contamination introduced by sample handling, preparation, and/or analysis. The method blank results are presented and reviewed as part of the laboratory data package.

Chloroform, acetone, methylene chloride, toluene, bromodichloromethane and m,p-xylene were frequently detected in the trip blanks. Most detections were at or below the reporting limits except acetone, chloroform and bromodichloromethane. Other compounds detected less frequently in trip blanks were dichlorodifluoromethane, chloromethane, vinyl chloride, trichloroethene (TCE), methylcyclohexane, tetrachloroethene (PCE), dibromochloromethane, ethylbenzene, o-xylene, styrene, methyl tert butyl ether (MTBE), and methane. Blank hits which were also detected in the associated environmental samples were appropriately qualified "U" or "UJ" by the data validators.

Chloroform, methylene chloride, toluene, and m & p-xylene were frequently detected in field rinsate blanks. Other compounds detected less frequently were acetone, MTBE, bromodichloromethane, trichloroethene, o-xylene, styrene, chloromethane, ethane and methane. Acetone was detected in Round 1 only and at concentrations above the reporting limits; methane was detected below the reporting limit; and chloroform was detected below and above the reporting limit. Blank hits which were also detected in the associated environmental samples were appropriately qualified "U" or "UJ" by the data validators.

Naphthalene, 4-chloro-3-methylphenol, bis(2-ethylhexyl)phthalate, di-n-butylphthalate, and benzo(a)pyrene were detected in Round 2 field blanks below the reporting limits. Chromium, iron, calcium, magnesium, mercury and cadmium were detected in one or more field blank at levels below the reporting limits. Associated results were appropriately qualified as non-detect "U" or "UJ". No action was noted for the metal results indicating that sample results were not affected by these field blank detections.

F.5.4 Representativeness and Comparability

Representativeness and comparability are achieved by using EPA approved sampling procedures and analytical methodologies. By following approved QAPP procedures for groundwater, the RI data and any future sampling events should yield results representative of environmental conditions at the time of sampling. Similarly, reasonable comparability of analytical results for this and future sampling events can be achieved if the approved EPA analytical methods and standardized reporting units are employed.

F.5.4.1 Representativeness

Representativeness is a qualitative term that expresses the degree to which the sample data accurately and precisely represent the environmental conditions corresponding to the location and depth interval of sample collection. Requirements and procedures for sample collection are designed to maximize sample representativeness. Representativeness also can be monitored by reviewing field documentation and by performing field audits. Appropriate laboratory QA/QC

requirements were described in the Final QAPP, Final QAPP Addendum, and laboratory SOWs to provide for laboratory analytical results that are representative of true field conditions.

Sample representativeness was achieved by CDM through the use of EPA analytical methods, decontaminated sampling equipment, the use of inert materials to collect samples, clean sample gloves, and standard sampling procedures for EPA Region II. Groundwater samples were collected using the QAPP procedures, maintained at 4°C and received intact at the laboratories with the exceptions noted in the data validation reports. The generally low concentrations of blank contaminants and qualifications applied to associated results as discussed above indicate that sample results are representative of the site conditions.

F.5.4.2 Comparability

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

To ensure comparability of data generated for the site, standard sample collection procedures and EPA-approved analytical methods were utilized by CDM. The sample analyses were performed by EPA and the subcontract laboratories using the same methodology. Utilizing such procedures and methods enables the current data to be comparable with the previous data sets generated with similar methods.

All groundwater sample data were consistently reported in micrograms per liter (μg/L), some metals results were reported in mg/L, and detection limits were low enough to compare the data with applicable cleanup goals except the following:

The low concentration VOC analysis reporting limit of 0.5 μg/L did not meet the project screening criteria for cis-1,3-dichloropropene (0.4 μg/L), trans-1,3-dichloropropene (0.4 μg/L), 1,2-dibromoethane (0.0006 μg/L) and 1,2-dibromo-3-chloropropane (0.04 μg/L). In Round 1, metals analysis had reporting limits (RL) above the screening criteria for beryllium (3 μg/L with RL of 5 μg/L), antimony (3 μg/L with RL of 60 μg/L), thallium (0.5 μg/L with RL of 25 μg/L), and zinc (5 μg/L with RL of 60 μg/L); however, the QAPP required OLC03.2 and ICP-AES analysis to achieve lower limits for these analytes since these compounds were not considered to be of concern for the site. In Round 2, ICP-MS analysis was performed but the zinc results (reporting limit = 60U μg/L) were still reported above the limits requested (2 μg/L); however, zinc was detected in most groundwater samples.

The results for compounds listed above that did not meet the screening criteria should be evaluated by the data user to determine the impact on the usability of the data.

Round 1 and Round 2 groundwater sample results were compared and RPDs of 25 and 50 percent were used as the benchmark. An RPD of less than 25 percent is good for water samples; and an RPD of less than 50 percent is reasonable for water samples. No project objective was established in the QAPP for this comparison. Duplicate results for low concentration samples

were reviewed based on their absolute differences as compared to their respective reporting limit (RL) values.

As shown on Table 5b-1 through 5b-5, groundwater sampling precision between Rounds 1 and 2 was good, however, of the duplicate pairs with both detected results the following VOCs exceeded the 50 percent RPD criterion: dichlorodifluoromethane, trichlorofluoromethane, 1,1-dichloroethene, methylene chloride, 2-butanone, methylcyclohexane, trans-1,3-dichloropropene, 1,1,2-trichloroethane, 1,1,2-trichloro-1,2,2-trifluoroethane, acetone, MTBE, 1,1-dichloroethane, cis-1,2-dichloroethene, 1,1,1-trichloroethane, TCE, and tetrachloroethene. Several sample results in Round 2 TCE had elevated reporting limits of 20 µg/L versus the typical reporting limit, 0.5 µg/L. Since there were many low level TCE hits in Round 1, most of the ABS values were elevated above the 0.5 µg/L reporting limit but did not exceed 20 µg/L. In contrast, three result pairs showed very high ABS values for TCE and methylcyclohexane, GWP-10, GWP-11 and GWX-10019; samples collected from GWP-10 and GWP-11 also showed high ABS values for tetrachloroethene and 2-hexanone. The discrepancy between these sets of results makes the results uncertain. These results should be considered as estimated values.

Metals Round 1 and Round 2 groundwater precision results were variable (Table 5b-5). All RPD outliers are highlighted and ABS outliers are bolded. Aluminum, iron, manganese, calcium, magnesium, potassium, chromium, copper, nickel, lead, and zinc results were above the RPD or ABS criteria in one or more result pair. Most of these outliers had one result approximately double that of the other. Higher discrepancies were shown for aluminum in sample GWM-01-3, zinc in GWM-03-3, and iron in GWX-10020, and GWX-9966.

	Round 1/Round 2 results (µg/L)		
	Aluminum	Zinc	Iron
GWM-01-3	320/30.8J (165%)		
GWM-03-3		28/619 (183%)	
GWX-10020			8,300/1,630 (134%)
GWX-9966			26,000/8,860 (98%)

Although no qualification was made on these outlier results, both result pairs are uncertain and should be used cautiously. These numbers should be considered as estimates.

F.6 Project Assessments

A field technical systems audit was performed on August 24, 2005 during the vertical profile boring groundwater screening to ensure that all activities complied with the applicable QAPP, and Health and Safety Plan. The auditor observed the field team conduct all activities in accordance with the required procedures except for the following:

End of day PID check was not being performed
CGI monitor was not being used to monitor vapors and oxygen levels
Analyte-free water, and acid lot numbers and COC airbill numbers were not recorded in field log books
Logbook table of contents not updated on a daily basis

Prompt corrective action was taken and verified by the auditor. The sample collection activities should provide representative data compliant with the QC goals and objectives outlined in the QAPPs.

F.7 Assessment of Data Usability and Reconciliation with QAPP Goals

The data reported is suitable for its intended use as stated in the Final QAPPs. Data of unusable quality have been rejected (less than two percent) and are not considered usable. However, a few VOCs and metals did not meet the project criteria (Appendix C of the Final QAPP and Final QAPP Addendum). The achievement of the completeness goals for usable data provides sufficient data for project decisions and to move forward with future activities at the Roosevelt Field site.

F.8 References

CDM Documents

CDM. 2005. Final Quality Assurance Project Plan. Old Roosevelt Field Contaminated Groundwater Area Site Remedial investigation/Feasibility Study. Garden City. New York. February.

CDM. 2005. Final Quality Assurance Project Plan Addendum. Source Area Soil Gas Survey Old Roosevelt Field Contaminated Groundwater Area Site Remedial investigation/Feasibility Study. Garden City. New York. October.

Data Validation Procedures

EPA, February 1994, Contract Laboratory Program National Functional Guidelines for Inorganic Data Review

EPA, October 1999 Contract Laboratory Program National Functional Guidelines for Organic Data Review

EPA, March 2001, Region II Standard Operating Procedures No. HW-6, Revision 12 - CLP Organics Data Review and Preliminary Review

EPA, January 1992, Region II Standard Operating Procedures - No. HW-2, Revision 11 - Evaluation of Inorganic Data for the Contract Laboratory Program

Analytical Methodologies

EPA. 2001. Statement of Work for Low Concentration Organic Analytical Service for Superfund (Water Matrix). Document No. OLC03.2. June.

EPA, August 2003, Statement of Work for Organic Analysis, Multi Media, Multi Concentration, Document No. OLM04.3

EPA, February 2004, Statement of Work for Inorganic Analysis, Multi Media, Multi Concentration, Document No. ILM05.3

EPA. 2005. Statement of Work for Organic Analysis. Multi Media. Multi Concentration. Document No. SOM01.1. May.

EPA, Update IVB November 2000 (SW-846), Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846, Third Edition,

American Public Health Association, American Water Works Association, Water Pollution Control Federation, 20th Edition 1998, Standard Methods for the Examination of Water and Waste Water (SM)

EPA-600/4-79-020, Revised March 1983, Methods for the Chemical Analysis of Water and Waste (EPA)

Data Qualifiers
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Organic Qualifiers:

U	-	Compound was analyzed for but not detected. The associated numerical value is the sample quantitation limit.
J	-	Estimated data due to exceeded quality control criteria.
N	-	Presumptive evidence for compound identification.
D	-	Compound is identified at a secondary dilution factor.
R	-	Data is rejected due to exceeded quality control criteria.

Inorganic Qualifiers:

B	-	Reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
J	-	Estimated data due to exceeded quality control criteria.
K	-	Result may be biased high
L	-	Result may be biased low
U	-	Analyte was analyzed for but not detected.
R	-	Data is rejected.

Tables 3, 4, and 5 Definitions:

ABS	-	Absolute value
AES	-	atomic emission spectrophotometer
BRL	-	both results below reporting limit
CRDL	-	contract required detection limit
ICP	-	inductively coupled plasma
mg/L	-	milligram per liter
MS	-	mass spectrophotometer
N/A	-	not available
NC	-	not calculable
PCB	-	polychlorinated biphenyls
RPD	-	relative percent difference
SIM	-	simultaneous ion monitoring
SVOC	-	semi-volatile organic compound
VOC	-	volatile organic compound
µg/L	-	microgram per liter

TABLE 1

SUMMARY OF SAMPLES COLLECTED

Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
Soil Vapor Ports Groundwater Samples																								
FB070805	7/8/05														X									
SVPGW-04-109	7/8/05														X									
SVPGW-04-129	7/8/05														X									
SVPGW-04-49	7/8/05														X									
SVPGW-04-69	7/8/05														X									
SVPGW-04-89	7/8/05														X									
TB070805	7/8/05														X									
FB072005	7/20/05														X									
SVPGW-04-409	7/20/05		MS/MSD												X									
TB072005	7/20/05														X									
WB072005	7/20/05		Water Blank from Lot 052048												X									
FB072105	7/21/05														X									
SVPGW-04-329	7/21/05														X									
SVPGW-04-349	7/21/05														X									
SVPGW-04-369	7/21/05														X									
SVPGW-04-389	7/21/05														X									
SVPGW-04-389-Dup	7/21/05	SVPGW-40-389	Duplicate of SVPGW-04-389												X									
TB072105	7/21/05														X									
FB072205	7/22/05														X									
SVPGW-04-249	7/22/05														X									
SVPGW-04-269	7/22/05														X									
SVPGW-04-289	7/22/05														X									
SVPGW-04-309	7/22/05														X									
TB072205	7/22/05														X									
FB072505	7/25/05														X									
SVPGW-04-149	7/25/05														X									
SVPGW-04-169	7/25/05														X									
SVPGW-04-189	7/25/05														X									
SVPGW-04-209	7/25/05														X									
SVPGW-04-229	7/25/05														X									
TB072505	7/25/05														X									
FB080105	8/1/05														X									
SVPGW-05-450	8/1/05														X									
TB080105	8/1/05														X									
FB080305	8/3/05														X									
SVPGW-05-330	8/3/05														X									
SVPGW-05-350	8/3/05														X									
SVPGW-05-370	8/3/05														X									
SVPGW-05-390	8/3/05		MS/MSD												X									
SVPGW-05-410	8/3/05														X									
SVPGW-05-430	8/3/05														X									
SVPGW-05-430-Dup	8/3/05	SVPGW-50-430	Duplicate of SVPGW-05-430												X									
TB080305	8/3/05														X									
FB080405	8/4/05														X									
SVPGW-05-230	8/4/05														X									

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
SVPGW-05-250	8/4/05														X									
SVPGW-05-270	8/4/05														X									
SVPGW-05-290	8/4/05														X									
SVPGW-05-310	8/4/05														X									
TB080405	8/4/05														X									
FB080505	8/5/05														X									
SVPGW-05-110	8/5/05														X									
SVPGW-05-130	8/5/05														X									
SVPGW-05-150	8/5/05														X									
SVPGW-05-150-Dup	8/5/05	SVPGW-50-150	Duplicate of SVPGW-05-150												X									
SVPGW-05-170	8/5/05														X									
SVPGW-05-190	8/5/05														X									
SVPGW-05-210	8/5/05														X									
TB080505	8/5/05														X									
FB080805	8/8/05														X									
SVPGW-05-50	8/8/05														X									
SVPGW-05-70	8/8/05														X									
SVPGW-05-90	8/8/05		MS/MSD												X									
TB080805	8/8/05														X									
FB081705	8/17/05														X									
SVPGW-04-422	8/17/05														X									
TB081705	8/17/05														X									
SVPGW-03-250	8/22/05														X									
FB082405	8/24/05														48									
SVPGW-03-450	8/24/05														48									
TB082405	8/24/05														48									
FB082505	8/25/05														48									
SVPGW-03-390	8/25/05														48									
SVPGW-03-390-Dup	8/25/05	SVPGW-88-390	Duplicate of SVPGW-03-390												48									
SVPGW-03-410	8/25/05														48									
SVPGW-03-430	8/25/05		MS/MSD												48									
TB082505	8/25/05														48									
FB082605	8/26/05														X									
SVPGW-03-290	8/26/05														X									
SVPGW-03-310	8/26/05														X									
SVPGW-03-330	8/26/05														X									
SVPGW-03-350	8/26/05														X									
SVPGW-03-370	8/26/05														X									
TB082605	8/26/05														X									
FB082905	8/29/05														X									
SVPGW-03-170	8/29/05														X									
SVPGW-03-190	8/29/05														X									
SVPGW-03-210	8/29/05														X									
SVPGW-03-230	8/29/05														X									
SVPGW-03-270	8/29/05														X									
TB082905	8/29/05														X									

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
FB083005	8/30/05														X									
SVPGW-03-110	8/30/05														X									
SVPGW-03-130	8/30/05														X									
SVPGW-03-130-Dup	8/30/05	SVPGW-88-130	Duplicate of SVPGW-03-130												X									
SVPGW-03-150	8/30/05		MS/MSD												X									
SVPGW-03-50	8/30/05														X									
SVPGW-03-70	8/30/05														X									
SVPGW-03-90	8/30/05														X									
TB083005	8/30/05														X									
FB090805	9/8/05														X									
SVPGW-02-430	9/8/05														X									
SVPGW-02-450	9/8/05														X									
TB090805	9/8/05														X									
FB090905	9/9/05														X									
SVPGW-02-310	9/9/05														X									
SVPGW-02-330	9/9/05														X									
SVPGW-02-350	9/9/05														X									
SVPGW-02-350-Dup	9/9/05	SVPGW-90-350	Duplicate of SVPGW-02-350												X									
SVPGW-02-370	9/9/05														X									
SVPGW-02-390	9/9/05		MS/MSD												X									
SVPGW-02-410	9/9/05														X									
TB090905	9/9/05														X									
FB091205	9/12/05														X									
SVPGW-02-210	9/12/05														X									
SVPGW-02-230	9/12/05														X									
SVPGW-02-250	9/12/05														X									
SVPGW-02-270	9/12/05														X									
SVPGW-02-290	9/12/05														X									
TB091205	9/12/05														X									
FB091305	9/13/05														X									
SVPGW-02-110	9/13/05														X									
SVPGW-02-130	9/13/05														X									
SVPGW-02-150	9/13/05		MS/MSD												X									
SVPGW-02-170	9/13/05														X									
SVPGW-02-170-Dup	9/13/05	SVPGW-90-170	Duplicate of SVPGW-02-170												X									
SVPGW-02-190	9/13/05														X									
TB091305	9/13/05														X									
FB091405	9/14/05														X									
SVPGW-02-50	9/14/05														X									
SVPGW-02-70	9/14/05														X									
SVPGW-02-90	9/14/05														X									
TB091405	9/14/05														X									
FB092205	9/22/05														48									
SVPGW-07-390	9/22/05														48									
SVPGW-07-410	9/22/05														48									
SVPGW-07-410-Dup	9/22/05	SVPGW-91-410	Duplicate of SVPGW-07-410												48									

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
SVPGW-07-430	9/22/05														48									
SVPGW-07-450	9/22/05														48									
TB092205	9/22/05														48									
FB092305	9/23/05														X									
SVPGW-07-330	9/23/05														X									
SVPGW-07-350	9/23/05														X									
SVPGW-07-370	9/23/05		MS/MSD												X									
TB092305	9/23/05														X									
FB092605	9/26/05														X									
SVPGW-07-190	9/26/05														X									
SVPGW-07-210	9/26/05														X									
SVPGW-07-230	9/26/05														X									
SVPGW-07-250	9/26/05														X									
SVPGW-07-270	9/26/05														X									
SVPGW-07-290	9/26/05														X									
SVPGW-07-310	9/26/05														X									
TB092605	9/26/05														X									
FB092705	9/27/05														X									
SVPGW-07-110	9/27/05														X									
SVPGW-07-130	9/27/05														X									
SVPGW-07-150	9/27/05		MS/MSD												X									
SVPGW-07-170	9/27/05														X									
SVPGW-07-170-Dup	9/27/05	SVPGW-91-170	Duplicate of SVPGW-07-170												X									
SVPGW-07-50	9/27/05														X									
SVPGW-07-70	9/27/05														X									
SVPGW-07-90	9/27/05														X									
TB092705	9/27/05														X									
FB100505	10/5/05														X									
SVPGW-08-430	10/5/05														X									
SVPGW-08-450	10/5/05														X									
TB100505	10/5/05														X									
FB100605	10/6/05														X									
SVPGW-08-350	10/6/05														X									
SVPGW-08-370	10/6/05														X									
SVPGW-08-370-Dup	10/6/05	SVPGW-85-370	Duplicate of SVPGW-08-370												X									
SVPGW-08-390	10/6/05														X									
SVPGW-08-410	10/6/05														X									
TB100605	10/6/05														X									
FB100705	10/7/05														X									
SVPGW-08-270	10/7/05														X									
SVPGW-08-290	10/7/05														X									
SVPGW-08-310	10/7/05		MS/MSD												X									
SVPGW-08-330	10/7/05														X									
TB100705	10/7/05														X									
FB101105	10/11/05														X									
SVPGW-08-250	10/11/05														X									

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
TB101105	10/11/05														X									
FB101205	10/12/05														X									
SVPGW-08-190	10/12/05														X									
SVPGW-08-210	10/12/05														X									
SVPGW-08-210-Dup	10/12/05	SVPGW-85-210	Duplicate of SVPGW-08-210												X									
SVPGW-08-230	10/12/05														X									
TB101205	10/12/05														X									
FB101305	10/13/05														X									
SVPGW-08-110	10/13/05														X									
SVPGW-08-130	10/13/05														X									
SVPGW-08-150	10/13/05														X									
SVPGW-08-170	10/13/05														X									
TB101305	10/13/05														X									
FB101405	10/14/05														X									
SVPGW-08-50	10/14/05														X									
SVPGW-08-70	10/14/05														X									
SVPGW-08-90	10/14/05		MS/MSD												X									
TB101405	10/14/05														X									
FB102105	10/21/05														X									
SVPGW-06-390	10/21/05														X									
SVPGW-06-410	10/21/05														X									
SVPGW-06-430	10/21/05														X									
SVPGW-06-450	10/21/05														X									
TB102105	10/21/05														X									
FB102405	10/24/05														X									
SVPGW-06-310	10/24/05														X									
SVPGW-06-330	10/24/05														X									
SVPGW-06-350	10/24/05		MS/MSD												X									
SVPGW-06-370	10/24/05														X									
TB102405	10/24/05														X									
FB102505	10/25/05														X									
SVPGW-06-190	10/25/05														X									
SVPGW-06-210	10/25/05														X									
SVPGW-06-230	10/25/05														X									
SVPGW-06-250	10/25/05														X									
SVPGW-06-270	10/25/05														X									
SVPGW-06-270-Dup	10/25/05	SVPGW-65-270	Duplicate of SVPGW-06-270												X									
SVPGW-06-290	10/25/05														X									
TB102505	10/25/05														X									
FB102605	10/26/05														X									
SVPGW-06-110	10/26/05														X									
SVPGW-06-130	10/26/05														X									
SVPGW-06-130-Dup	10/26/05	SVPGW-65-130	Duplicate of SVPGW-06-130												X									
SVPGW-06-150	10/26/05														X									
SVPGW-06-170	10/26/05		MS/MSD												X									
SVPGW-06-50	10/26/05														X									

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
SVPGW-06-70	10/26/05														X									
SVPGW-06-90	10/26/05														X									
TB102605	10/26/05														X									
FB110305	11/3/05														48									
SVPGW-01-370	11/3/05														48									
SVPGW-01-370-Dup	11/3/05	SVPGW-45-370	Duplicate of SVPGW-01-370												48									
SVPGW-01-390	11/3/05		MS/MSD												48									
SVPGW-01-410	11/3/05														48									
SVPGW-01-430	11/3/05														48									
SVPGW-01-450	11/3/05														48									
TB110305	11/3/05														48									
FB110405	11/4/05														48									
SVPGW-01-290	11/4/05														48									
SVPGW-01-310	11/4/05														48									
SVPGW-01-330	11/4/05														48									
SVPGW-01-350	11/4/05														48									
TB110405	11/4/05														48									
FB110705	11/7/05														48									
SVPGW-01-170	11/7/05														48									
SVPGW-01-190	11/7/05														48									
SVPGW-01-210	11/7/05														48									
SVPGW-01-230	11/7/05														48									
SVPGW-01-250	11/7/05														48									
SVPGW-01-270	11/7/05														48									
TB110705	11/7/05														48									
FB110805	11/8/05														48									
SVPGW-01-110	11/8/05														48									
SVPGW-01-130	11/8/05														48									
SVPGW-01-130-Dup	11/8/05	SVPGW-45-130	Duplicate of SVPGW-01-130												48									
SVPGW-01-150	11/8/05		MS/MSD												48									
SVPGW-01-50	11/8/05														48									
SVPGW-01-70	11/8/05														48									
SVPGW-01-90	11/8/05														48									
TB110805	11/8/05														48									
Soil Gas																								
SGRF-01	12/20/05													62										
SGRF-02	12/20/05													62										
SGRF-03	12/20/05													62										
SGRF-04	12/21/05													62										
SGRF-05	12/21/05													62										
SGRF-06	12/21/05													62										
SGTB-1	12/21/05													62										
SGRF-07	12/22/05													62										
SGRF-08	12/22/05													62										
SGRF-08-Dup	12/22/05	SGRF-09	Duplicate of SGRF-08											62										
SGRF-10	12/22/05													62										

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
SGRF-11	12/22/05													62										
SGRF-12	12/23/05													62										
SGRF-13	12/23/05													62										
SGRF-14	12/23/05													62										
SGRF-15	12/23/05													62										
SGRF-16	1/5/06													62										
SGRF-17	1/5/06													62										
SGRF-18	1/5/06													62										
SGRF-19	1/5/06													62										
SGRF-20	1/5/06													62										
SGRF-21	1/5/06													62										
SGRF-22	1/5/06													62										
SGRF-23	1/5/06													62										
SGRF-24	1/6/06													62										
SGRF-25	1/6/06													62										
SGRF-26	1/6/06													62										
SGRF-27	1/6/06													62										
SGRF-28	1/6/06													62										
SGRF-29	1/6/06													62										
SGRF-30	1/6/06													62										
SGRF-31	1/6/06													62										
SGRF-32	1/6/06													62										
SGRF-33	1/6/06													62										
SGRF-33-Dup	1/6/06	SGRF-34	Duplicate of SGRF-33											62										
SGPA-01	1/9/06													62										
SGPA-02	1/9/06													62										
SGPA-03	1/9/06													62										
SGPA-04	1/9/06													62										
SGPA-05	1/9/06													62										
SGHP1	1/12/06													62										
SGHP2	1/12/06													62										
SGHP3	1/12/06													62										
SGHP4	1/12/06													62										
SGPA-06	1/12/06													62										
SGPA-07	1/12/06													62										
SGPA-08	1/12/06													62										
SGPA-09	1/12/06													62										
SGPA-10	1/12/06													62										
SGPA-10-Dup	1/12/06	SGPA-11	Duplicate of SGPA-10											62										
Existing Wells, Multiport and Public Supply Wells																								
FB032206-GP	3/22/06		Grunfos Pump		1	24		1	1	1		1	3			50			65			28		
GWX-10019-R1	3/22/06			1	1	24		1	1	1	1	1	3			50			65			28		
TB032206	3/22/06															50								
TB032206-MEE	3/22/06		for Gas sample										3											
FB032306-GP	3/23/06		Grunfos Pump		1	24		1	1	1		1	3			50			65			28		
GWP-10-R1	3/23/06		Public Supply Well 10 MS/MSD	1	1	24		1	1	1	1	1	3			50			65			28		

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
GWP-11-R1	3/23/06		Public Supply Well 11	1	1	24		1	1	1	1	1	3			50		65			28			
GWP-11-R1-Dup	3/23/06	GWP-21-R1	Duplicate of GWP-11-R1		1	24		1	1	1		1	3			50		65			28			
GWX-10020-R1	3/23/06			1	1	24		1	1	1	1	1	3			50		65			28			
GWX-9398-R1	3/23/06			1	1	24		1	1	1	1	1	3			50		65			28			
TB032306	3/23/06															50								
TB032306-MEE	3/23/06		for Gas sample										3											
FB032406-GP	3/24/06		Grunfos Pump		1	24		1	1	1		1	3			50		65			28			
GWX-10035-R1	3/24/06			1	1	24		1	1	1	1	1	3			50		65			28			
GWX-9966-R1	3/24/06			1	1	24		1	1	1	1	1	3			50		65			28			
GWX-9953-R1	3/24/06			1	1	24		1	1	1	1	1	3			50		65			28			
TB032406	3/24/06															50								
TB032406-MEE	3/24/06		for Gas sample										3											
FB032706-MP	3/27/06		Multiport Well													50								
GWM-03-1-R1	3/27/06															50								
GWX-8474-R1	3/27/06			1	1	24		1	1	1	1	1	3			50		65			28			
GWX-8475-R1	3/27/06			1	1	24		1	1	1	1	1	3			50		65			28			
TB032706	3/27/06															50								
TB032706-MEE	3/27/06		for Gas sample										3											
FB032806-MP	3/28/06		Multiport Well		1	24		1	1	1		1	3			50		65			28			
GWM-03-2-R1	3/28/06															50								
GWM-03-3-R1	3/28/06			1	1	24		1	1	1	1	1	3			50		65			28			
GWM-03-4-R1	3/28/06															50								
GWM-03-5-R1	3/28/06															50								
GWM-03-6-R1	3/28/06															50								
GWM-03-7-R1	3/28/06															50								
TB032806	3/28/06															50								
TB032806-MEE	3/28/06		for Gas sample										3											
FB033006-MP	3/30/06		Multiport Well		1	24		1	1	1		1	3			50		65			28			
GWM-06-5-R1	3/30/06			1	1	24		1	1	1	1	1	3			50		65			28			
TB033006	3/30/06															50								
TB033006-MEE	3/30/06		for Gas sample										3											
FB033106-MP	3/31/06		Multiport Well													50								
GWM-06-1-R1	3/31/06															50								
GWM-06-2-R1	3/31/06															50								
GWM-06-3-R1	3/31/06															50								
GWM-06-4-R1	3/31/06															50								
GWM-06-6-R1	3/31/06															50								
GWM-06-6-R1-Dup	3/31/06	GWM-16-6-R1	Duplicate of GWM-06-6-R1													50								
TB033106	3/31/06															50								
FB040306-MP	4/3/06		Multiport Well													50								
GWM-07-1-R1	4/3/06															50								
GWM-07-3-R1	4/3/06															50								
GWM-07-4-R1	4/3/06															50								
GWM-07-5-R1	4/3/06															50								
GWM-07-5-R1-Dup	4/3/06	GWM-17-5-R1	Duplicate of GWM-07-5-R1													50								
GWM-07-6-R1	4/3/06															50								

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
TB040306	4/3/06															50								
FB040406-MP	4/4/06		Multiport Well		1	24		1	1	1		1	3			50			65			28		
GWM-07-2-R1	4/4/06		MS/MSD	1	1	24		1	1	1	1	1	3			50			65			28		
TB040406	4/4/06															50								
TB040406-MEE	4/4/06		for Gas sample										3											
TB040406-MEE-RE			for Gas sample										3											
FB040506-MP	4/5/06		Multiport Well													50								
GWM-08-1-R1	4/5/06															50								
GWM-08-2-R1	4/5/06															50								
GWM-08-3-R1	4/5/06															50								
GWM-08-5-R1	4/5/06															50								
GWM-08-6-R1	4/5/06															50								
TB040506	4/5/06															50								
FB040606-MP	4/6/06		Multiport Well		1	24		1	1	1		1	3			50			65			28		
GWM-08-4-R1	4/6/06			1	1	24		1	1	1	1	1	3			50			65			28		
TB040606	4/6/06															50								
TB040606-MEE	4/6/06		for Gas sample										3											
FB040706-MP	4/7/06		Multiport Well													50								
GWM-02-10-R1	4/7/06															50								
GWM-02-1-R1	4/7/06															50								
GWM-02-2-R1	4/7/06															50								
GWM-02-3-R1	4/7/06															50								
GWM-02-4-R1	4/7/06															50								
GWM-02-5-R1	4/7/06															50								
GWM-02-7-R1	4/7/06															50								
GWM-02-8-R1	4/7/06															50								
GWM-02-9-R1	4/7/06															50								
TB040706	4/7/06															50								
FB041006-MP	4/10/06		Multiport Well		0	0		0	0	0		1	3			50			65			28		
GWM-02-6-R1	4/10/06			1							1	1	3			50			65			28		
GWM-02-6-R1-Dup	4/10/06	GWM-20-6-R1	Duplicate of GWM-02-6-R1									1	3			50			65			28		
TB041006	4/10/06															50								
TB041006-MEE	4/10/06		for Gas sample										3											
WB-2512143	4/10/06		Resampled 4/11/06									1	3			50			65			28		
FB041106-MP	4/11/06		Multiport Well		1	24		1	1	1		1	3			50			65			28		
GWM-02-6-R1-2	4/11/06		Resample of GWM-02-6-R1		1	24		1	1	1														
GWM-02-6-R1-2-Dup	4/11/06	GWM-20-6-R1-2	Duplicate of GWM-02-R1-2		1	24		1	1	1														
GWM-04-10-R1	4/11/06															50								
GWM-04-1-R1	4/11/06															50								
GWM-04-2-R1	4/11/06															50								
GWM-04-3-R1	4/11/06															50								
GWM-04-4-R1	4/11/06															50								
GWM-04-5-R1	4/11/06															50								
GWM-04-6-R1	4/11/06															50								
GWM-04-7-R1	4/11/06			1	1	24		1	1	1	1	1	3			50			65			28		
GWM-04-8-R1	4/11/06															50								

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
GWM-04-9-R1	4/11/06															50								
TB041106	4/11/06															50								
TB041106-MEE	4/11/06		for Gas sample										3											
WB-2512143-II	4/11/06		Resampled TAL Metals, Cyanide, Chloride, Sulfate and Nitrate		1	24		1	1	1														
FB041206-MP	4/12/06		Multiport Well													50								
GWM-01-10-R1	4/12/06															50								
GWM-01-2-R1	4/12/06															50								
GWM-01-4-R1	4/12/06															50								
GWM-01-4-R2	4/12/06																52	3						
GWM-01-5-R1	4/12/06															50								
GWM-01-6-R1	4/12/06															50								
GWM-01-7-R1	4/12/06															50								
GWM-01-8-R1	4/12/06															50								
GWM-01-9-R1	4/12/06															50								
TB041206	4/12/06															50								
FB041306-MP	4/13/06		Multiport Well		1	24		1	1	1		1	3			50			65			28		
GWM-01-3-R1	4/13/06			1	1	24		1	1	1	1	1	3			50			65			28		
TB041306	4/13/06															50								
TB041306-MEE	4/13/06		for Gas sample										3											
FB041406-MP	4/14/06		Multiport Well		1	24		1	1	1		1	3			50			65			28		
GWM-05-10-R1	4/14/06															50								
GWM-05-1-R1	4/14/06															50								
GWM-05-2-R1	4/14/06															50								
GWM-05-3-R1	4/14/06															50								
GWM-05-4-R1	4/14/06															50								
GWM-05-5-R1	4/14/06															50								
GWM-05-6-R1	4/14/06			1	1	24		1	1	1	1	1	3			50			65			28		
GWM-05-7-R1	4/14/06															50								
GWM-05-8-R1	4/14/06															50								
GWM-05-9-R1	4/14/06															50								
TB041406	4/14/06															50								
TB041406-MEE	4/14/06												3											
FB071006-GP	7/10/06		Grunfos Pump		1	23	7	1	1	1		1	3				52	3		67	18		9	21
GWP-10-R2	7/10/06		Public Supply Well 10 MS/MSD	1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWP-11-R2	7/10/06		Public Supply Well 11	1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWP-11-R2-DUP	7/10/06	GWP-21-R2	Duplicate of GWP-11-R1	1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWX-10020-R2	7/10/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWX-8068-R2	7/10/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWX-8474-R2	7/10/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWX-8475-R2	7/10/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
TB071006	7/10/06												3				52	3						
FB071106-GP	7/11/06		Grunfos Pump		1	23	7	1	1	1		1	3				52	3		67	18		9	21
FB071106-MP	7/11/06																52	3						
GWM-07-1-R2	7/11/06																52	3						
GWM-07-3-R2	7/11/06																52	3						

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
GWM-07-4-R2	7/11/06																52	3						
GWM-07-5-R2	7/11/06																52	3						
GWM-07-6-R2	7/11/06																52	3						
GWX-10019-R2	7/11/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWX-10035-R2	7/11/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWX-9966-R2	7/11/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
TB071106	7/11/06												3				52	3						
FB071206-GP	7/12/06		Grunfos Pump		1	23	7	1	1	1		1	3				52	3		67	18		9	21
FB071206-MP	7/12/06		Multiport Well		1	23	7	1	1	1		1	3				52	3		67	18		9	21
GWM-01-2-R2	7/12/06																52	3						
GWM-07-2-R2	7/12/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWX-9398-R2	7/12/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWX-9953-R2	7/12/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
TB071206	7/12/06												3				52	3						
FB071306-MP	7/13/06		Multiport Well														52	3						
GWM-01-10-R2	7/13/06																52	3						
GWM-01-5-R2	7/13/06																52	3						
GWM-01-6-R2	7/13/06																52	3						
GWM-01-7-R2	7/13/06																52	3						
GWM-01-8-R2	7/13/06																52	3						
GWM-01-9-R2	7/13/06																52	3						
GWM-02-10-R2	7/13/06																52	3						
GWM-02-1-R2	7/13/06																52	3						
GWM-02-2-R2	7/13/06																52	3						
GWM-02-3-R2	7/13/06																52	3						
GWM-02-4-R2	7/13/06																52	3						
GWM-02-5-R2	7/13/06																52	3						
GWM-02-7-R2	7/13/06																52	3						
GWM-02-8-R2	7/13/06																52	3						
GWM-02-9-R2	7/13/06																52	3						
TB071306	7/13/06																52	3						
FB071406-MP	7/14/06		Multiport Well		1	23	7	1	1	1		1	3				52	3		67	18		9	21
GWM-01-3-R2	7/14/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWM-02-6-R2	7/14/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWM-04-1-R2	7/14/06																52	3						
GWM-04-2-R2	7/14/06																52	3						
GWM-04-3-R2	7/14/06																52	3						
GWM-04-4-R2	7/14/06																52	3						
GWM-04-5-R2	7/14/06																52	3						
TB071406	7/14/06												3				52	3						
FB071706-MP	7/17/06		Multiport Well		1	23	7	1	1	1		1	3				52	3		67	18		9	21
GWM-03-1-R2	7/17/06																52	3						
GWM-03-2-R2	7/17/06																52	3						
GWM-03-3-R2	7/17/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWM-03-4-R2	7/17/06																52	3						
GWM-03-5-R2	7/17/06																52	3						

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Table 1
Sample Summary
Old Roosevelt Field Contamination Groundwater Site
Garden City, New York

Sample Name	Sampling Date	Blind Duplicate Identification	Comment	Ferrous Iron	Cyanide	Metals-AES	Metals-MS	Chloride	Nitrate	Sulfate	Sulfide	TOC	Gases	Air VOC	VOC	VOC (low conc)	Trace-VOC	VOC-SIM	SVOC	SVOC-LOW	SVOC-SIM	Pes/PCB	PCB	Pesticide
GWM-03-6-R2	7/17/06																52	3						
GWM-03-7-R2	7/17/06																52	3						
GWM-04-10-R2	7/17/06																52	3						
GWM-04-6-R2	7/17/06																52	3						
GWM-04-7-R2	7/17/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWM-04-8-R2	7/17/06																52	3						
GWM-04-9-R2	7/17/06																52	3						
TB071706	7/17/06												3				52	3						
FB071806-MP	7/18/06		Multiport Well		1	23	7	1	1	1		1	3				52	3		67	18		9	21
GWM-05-6-R2	7/18/06			0	1	23	7	1	1	1	0	1	3				52	3		67	18		9	21
GWM-08-1-R2	7/18/06																52	3						
GWM-08-2-R2	7/18/06																52	3						
GWM-08-3-R2	7/18/06																52	3						
GWM-08-4-R2	7/18/06			1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWM-08-4-R2-DUP	7/18/06	GWM-18-4-R2	Duplicate of GWM-08-4-R2	1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
GWM-08-5-R2	7/18/06																52	3						
GWM-08-6-R2	7/18/06																52	3						
TB071806	7/18/06												3				52	3						
FB071906-MP	7/19/06		Multiport Well														52	3						
GWM-05-10-R2	7/19/06																52	3						
GWM-05-1-R2	7/19/06																52	3						
GWM-05-2-R2	7/19/06																52	3						
GWM-05-3-R2	7/19/06																52	3						
GWM-05-4-R2	7/19/06																52	3						
GWM-05-5-R2	7/19/06																52	3						
GWM-05-7-R2	7/19/06																52	3						
GWM-05-8-R2	7/19/06																52	3						
GWM-05-9-R2	7/19/06																52	3						
GWM-06-1-R2	7/19/06																52	3						
GWM-06-2-R2	7/19/06																52	3						
GWM-06-3-R2	7/19/06																52	3						
GWM-06-4-R2	7/19/06																52	3						
GWM-06-6-R2	7/19/06																52	3						
TB071906	7/19/06																52	3						
FB072006-MP	7/20/06		Multiport Well		1	23	7	1	1	1		1	3				52	3		67	18		9	21
GWM-06-5-R2	7/20/06		MS/MSD	1	1	23	7	1	1	1	1	1	3				52	3		67	18		9	21
TB072006	7/20/06												3				52	3						
Results Sum totals				38	60	1411	203	60	60	60	38	61	243	3100	2256	5650	5044	291	2080	1943	522	896	261	609
Sample totals				38	60	60	29	60	60	60	38	61	81	50	47	113	97	97	32	29	29	32	29	29

X = results not available in project database

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TABLES 2a, 2b and 2c

DATA USABILITY AND COMPLETENESS SUMMARY

Table 2a Data Completeness - Round 1
Table 2b Data Completeness - Round 2
Table 2c Data Completeness - Based on Planned Samples

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Table 2a
Data Completeness - Round 1
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Parameter	Chemical Code	Non-Detected Results	Detected Results	Rejected Data	TOTAL	Estimated Values Based on Hits only ["Just "J's"]	Percent Estimated Values (Detected Values Only)	Percent Rejected
Cyanide	CLP Cyanide	19	1	-0	20		0	0.0
TAL Metals by AES	CLP TAL Metals (only)	323	157	-0	480	3	0.6	0.0
Chloride (Cl)	Cl	-0	20	-0	20		0.0	0.0
Nitrate/Nitrite (NO_3/NO_2)	NO_3/NO_2	1	19	-0	20		0.0	0.0
Sulfate (SO_4)	SO_4	3	17	-0	20		0.0	0.0
Methane/Ethane/Ethene	MEE	45	15	-0	60	14	23.3	0.0
Total Organic Carbon	Total Organic Carbon-water	16	4	-0	20		0.0	0.0
PCB and Pesticides	CLP Pesticides/PCBs	554	5	1	560	4	0.7	0.2
Semi-volatiles	CLP SVOCs	1285	2	13	1300	-0	0.0	1
VOC - Low Concentration	CLP LDL Volatiles	3302	543	55	3900	224	5.7	1.4
Totals		**5548**	**783**	**69**	**6400**	**245**	**3.8**	**1.08**

Percent data rejected	1.08	
Percent of detected results qualified as estimated	3.83	(does not include estimated non-detect data)
Percent complete (judged valid)	98.92	(Includes all estimated data)

Acronyms

AES = atomic emission spectroscopy
Cl = Chloride
CLP = Contract Laboratory Program
LDL = lower dectection limit
J = estimated
MEE = methane, ethane and ethene
MS = mass spectroscopy
NO_3/NO_2 = Nitrate/Nitrite
PCB = polychlorinated biphenyl
SO_4 = sulfate
SVOCs = semi-volatile organic compounds
VOCs = volatile organic compounds
TAL = Target Analyte List

Note: Totals may be lower than Table 1 since QC samples are not used to evaluate the completeness

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Table 2b
Data Completeness - Round 2
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Parameter	Chemical Code	Non-Detected Results	Detected Results	Rejected Data	TOTAL	Estimated Values Based on Hits only ["Just "J's"]	Percent Estimated Values (Detected Values Only)	Percent Rejected
Cyanide	CLP Cyanide	21	-0	-0	21		0	0.0
TAL Metals by AES	CLP TAL Metals (only)	320	163	-0	483	69	14.3	0.0
TAL Metals by MS	Inorganic Analytes-MS	94	53	-0	147	51	34.7	0.0
Chloride (Cl)	CL	-0	21	-0	21		0.0	0.0
Nitrate/Nitrite (NO_3/NO_2)	NO_3/NO_2	1	20	-0	21		0.0	0.0
Sulfate (SO_4)	SO_4	-0	21	-0	21		0.0	0.0
Methane/Ethane/Ethene	MEE	45	18	-0	63	9	14.3	0.0
Total Organic Carbon	Total Organic Carbon-water	20	1	-0	21		0.0	0.0
PCB	SOM01-1-W-PCB	189	-0	-0	189	-0	0.0	0.0
Pesticides	SOM01-1 -W- Pesticides	436	5	-0	441	4	0.9	0.0
SVOC - Low	SOM01-1 -W- SVOA- Low	1201	5	201	1407	4	0.3	14.3
SVOC by SIM	SOM01-1 -W- SVOA-SIM	350	20	8	378	6	1.6	2.1
VOC - Trace analysis	SOM01-1 -W- VOA- Trace	3502	467	35	4004	175	4.4	0.9
VOC by SIM	SOM01-1 -W- VOA-SIM	183	3	45	231	1	0.4	19.5
TOTAL		**6341**	**797**	**289**	**7427**	**319**	**4.3**	**3.9**

Percent data rejected	3.89	
Percent of detected results qualified as estimated	4.30	(does not include estimated non-detect data)
Percent complete (judged valid)	96.11	(Includes all estimated data)

Acronyms

AES = atomic emission spectroscopy
Cl = Chloride
CLP = Contract Laboratory Program
J = estimated
MS = mass spectroscopy
NO_3/NO_2 = Nitrate/Nitrite
PCB = polychlorinated biphenyl
SIM = simultaneous ion monitoring
SO_4 = sulfate
SVOCs = semi-volatile organic compounds
TAL = Target Analyte List
VOCs = volatile organic compounds

Note: Totals may be lower than Table 1 since QC samples are not used to evaluate the completeness

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Table 2c
Data Completeness - Based on Planned Samples
Old Roosevelt Field Groundwater Contamination Site
Garden City, New York

Based on Actual Samples Collected Versus Samples Planned

Sample Type	Sample Code	No. of Sample Planned (per Final QAPP)	No. of Samples Collected	Percent Completeness	No. of Field Duplicates Collected
Groundwater - Multiport Wells Round 1	GWM-R1	68	65	95.6	5
Groundwater - Multiport Wells Round 2	GWM-R2	68	63	92.6	2
Groundwater - Existing Wells Round 1	GWX-R1	10	8	80.0	0
Groundwater - Existing Wells Round 2	GWX-R2	10	9	90.0	0
Public Supply Wells - Round 1	GWP-R1	2	2	100.0	1
Public Supply Wells - Round 2	GWP-R2	2	2	100.0	1
Soil Gas Samples	SGHP				
Soil Gas Samples	SGPA	46	47	102.2	3
Soil Gas Samples	SGRF				
Soil Vapor Samples	SVP	168	172	102.4	10
Totals:		374	368	98.4	24

The table above does not include the groundwater screening samples.

QC Sample Completeness

QAPP Goal	Achieved	Comment
Completeness Goal: 90 percent	Yes	
Field duplicate requirement: 5 percent	Yes	For ferrous Iron two field duplicate samples were collected and analyzed for 42 samples; replicate analyses allowed project objective achievement.
MS/MSD requirement: 5 percent	Yes	
Field blank requirement: 1 per decon event per equipment type	Yes	

Acronmys
MS/MSD = matrix spike/matrix spike duplicate
No. = number
QAPP = Quality Assurance Project Plan

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TABLES 3a and 3b

TRIP BLANK DETECTIONS ROUNDS 1 and 2

Table 3a
Old Roosevelt Field Contaminated Groundwater Site
Groundwater Round 1 - Trip Blanks
Garden City, New York

Method VOCs by OLC03-2-V
Unit microgram per liter (µg/L)
CRQL/RL 0.5 U

Sample Name	Sample Date	Chloro-methane	Vinyl Chloride	Acetone	Methylene Chloride	Methyl tert-Butyl Ether	Chloro-form	Trichloro-ethene	Bromo-dichloro-methane	Toluene	Bromo-form
TB032206	3/22/2006				0.14 J		11	0.12 J	4.8 J		
TB032306	3/23/2006		0.28 J		0.5		1.1				
TB032406	3/24/2006				0.12 J		0.1 J				
TB032706	3/27/2006				0.15 J		9.2		4		
TB032806	3/28/2006				0.2 J		8		3.9		
TB033006	3/30/2006	0.11 J		6.7		0.53	5		2.5	0.73	
TB033106	3/31/2006		0.53	4.3 J	0.18 J						
TB040306	4/3/2006			2.4 J	0.25 J	0.43 J	4.3		2.5	0.45 J	
TB040406	4/4/2006	0.17 J			0.11 J	0.6	4		2.3	0.31 J	
TB040506	4/5/2006				0.17 J	0.75	3.7		2.1	0.25 J	
TB040606	4/6/2006					0.61	2.4		1.6	0.13 J	
TB041006	4/10/2006			6.6	0.22 J		4.9		1.1	0.17 J	
TB041106	4/11/2006			6.7 J	0.2 J		4.8		0.98	0.15 J	0.48 J
TB041206	4/12/2006				0.18 J						
TB041306	4/13/2006			11 J	0.18 J		4.5		0.96		
TB041406	4/14/2006			8.3	0.33 J		4.4		0.91	0.1 J	

Method Gases by RSKSOP147
Unit µg/L

Sample Name	Sample Date	Ethane	Methane
	CRQL/RL	6.2 U	3.3 U
TB032206-MEE	3/22/2006	1.2 J	2.8 J
TB041406-MEE	4/14/2006	--	2.9 J

Notes:
J - estimated value
U - non-detect
CRQL - Contract Required Quantitation Limit
RL - Reporting Limit

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Table 3b
Old Roosevelt Field Contaminated Groundwater Site
Groundwater Round 2 - Trip Blanks
Garden City, New York

Method VOCs by SOM01-1
Unit µg/L
CRQL/RL 0.5 U

Sample Name	Sample Date	Dichlorodi-fluoro-methane	Chloro-methane	Acetone	Methylene Chloride	Chloro-form	Trichloro-ethene	Toluene	Tetrachlor oethene	Ethylbenzene	o-Xylene	m,p-Xylenes
TB071006	7/10/2006	3.6	4.6	11 J	7.1	0.58		0.71		0.06 J	0.04 J	0.15 J
TB071106	7/11/2006				0.72	0.86		0.03 J				
TB071206	7/12/2006				2.9			0.3 J		0.03 J		0.11 J
TB071306	7/13/2006			3 J	1.5	0.6		0.04 J				
TB071406	7/14/2006				1.2	0.43 J		0.08 J				
TB071706	7/17/2006		0.19 J		0.33 J	0.37 J						
TB071806	7/18/2006			4.9 J	0.27 J	1.1		0.02 J				0.01 J
TB071906	7/19/2006			1.9 J	0.78	0.5		0.28 J				0.05 J
TB072006	7/20/2006				1.4	0.29 J	0.1 J	0.07 J	0.08 J			

Notes:
J - estimated value
U - non-detect
microgram per liter (µg/L)

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Table 3b
Old Roosevelt Field Contaminated Groundwater Site
Groundwater Round 2 - Trip Blanks
Garden City, New York

Method	VOCs by SOM01-1
Unit	µg/L
CRQL/RL	0.5 U

Sample Name	Sample Date	Styrene	Bromoform	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Methane
TB071006	7/10/2006	0.08 J				
TB071106	7/11/2006					8.3
TB071206	7/12/2006					
TB071306	7/13/2006		0.2 J	0.04 J	0.04 J	
TB071406	7/14/2006					1.8 J
TB071706	7/17/2006					1.3 J
TB071806	7/18/2006					
TB071906	7/19/2006	0.06 J				
TB072006	7/20/2006					1.7

Notes:
J - estimated value
U - non-detect
microgram per liter (µg/L)

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TABLES 4a and 4b

FIELD BLANK DETECTIONS ROUNDS 1 and 2

Table 4a
Old Roosevelt Field Contaminated Groundwater Site
Groundwater Round 1 - Field Blanks
Garden City, New York

Methods VOCs by OLC03-2-V
Gases by RSK147
Unit microgram per liter (µg/L)

Sample Name	Sample Date	Chloro-methane	Acetone	Methylene Chloride	Methyl tert-Butyl Ether	Chloroform	Trichloro-ethene	Bromo-dichloro-methane	Toluene	Ethane	Methane
FB032206-GP	3/22/2006									7	2.5 J
FB032306-GP	3/23/2006		2.7 J	0.1 J			0.11 J				
FB032406-GP	3/24/2006										4 J
FB032706-MP	3/27/2006			0.13 J		0.24 J					
FB032806-MP	3/28/2006			0.15 J		0.23 J					
FB033006-MP	3/30/2006			0.11 J							
FB033106-MP	3/31/2006			0.13 J					0.15 J		
FB040306-MP	4/3/2006			0.23 J							
FB040406-MP	4/4/2006	0.19 J	2.2 J	0.11 J							
FB040506-MP	4/5/2006			0.13 J	0.76	3.8		2.2	0.26 J		
FB040606-MP	4/6/2006			0.14 J							1.2 J
FB041006-MP	4/10/2006		6			3.8		0.72			1.7 J
FB041106-MP	4/11/2006		6.4 J	0.19 J		4.6	0.12 J	1.1	0.18 J		
FB041206-MP	4/12/2006			0.22 J							
FB041306-MP	4/13/2006										2.5 J
FB041406-MP	4/14/2006			0.35 J		5.1		0.96	0.12 J		1.3 J

Acronyms
J - estimated value
U - non-detect
µg/L = micrograms/liter
VOCs = volatile organic compounds

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Table 4b
Old Roosevelt Field Contaminated Groundwater Site
Groundwater Round 2
- Field Blanks

Methods Trace VOCs by SOM01.1
Unit microgram per liter (µg/L)

Sample Name	Sample Date	Dichlorodi-fluoro-methane	Chloro-methane	Methylene Chloride	Chloroform	Trichloro-ethene	Methylcyclo-hexane	Toluene	Tetrachloro ethene	Dibromo-chloro-methane	Ethyl-benzene	o-Xylene	m,p-Xylenes	Styrene
FB071006-GP	7/10/2006			0.88	0.44 J			0.13 J					0.05 J	
FB071106-GP	7/11/2006	15	19	3	0.76			0.08 J					0.07 J	0.04 J
FB071106-MP	7/11/2006			0.56	0.56			0.07 J					0.05 J	0.05 J
FB071206-GP	7/12/2006			3.7	0.74	0.15 J		0.18 J	0.29 J		0.04 J	0.03 J	0.12 J	
FB071206-MP	7/12/2006			0.62	1.5			0.08 J					0.03 J	
FB071306-MP	7/13/2006		0.54	0.61	0.19 J	0.04 J		0.3 J				0.05 J	0.08 J	
FB071406-MP	7/14/2006			1.4	0.5		1.1	0.11 J		0.08 J			0.03 J	
FB071706-MP	7/17/2006			0.38 J										
FB071806-MP	7/18/2006			0.87	1.1									
FB071906-MP	7/19/2006			0.37 J	0.62									
FB072006-MP	7/20/2006			0.76	0.38 J			0.09 J					0.04 J	

SVOCs Methods Trace-SVOC-Low level and SIM by SOM01.1
Unit microgram per liter (µg/L)

		SVOC-Low				SVOC -SIM	
Sample Name	Sample Date	Naphthalene	4-Chloro-3-methylphenol	Di-n-butyl-phthalate	bis(2-Ethylhexyl) phthalate	Naphthalene	Benzo(a) pyrene
FB071006-GP	7/10/2006	0.22 J		0.89 J	2.2 J	0.2	0.07 J
FB071106-GP	7/11/2006			0.3 J	3.1 J	0.1	0.05 J
FB071106-MP	7/11/2006						
FB071206-GP	7/12/2006	0.24 J		0.58 J	2.8 J	0.17	0.04 J
FB071206-MP	7/12/2006	0.28 J		0.68 J	1.6 J	0.21	0.09 J
FB071306-MP	7/13/2006						
FB071406-MP	7/14/2006	0.3 J	0.88 J	0.54 J	5.5	0.19	0.09 J
FB071706-MP	7/17/2006	0.36 J		2.2 J		0.24	
FB071806-MP	7/18/2006					0.24	
FB071906-MP	7/19/2006						
FB072006-MP	7/20/2006			0.23 J	0.9 J	0.2	

J - estimated value
U - non-detect
µg/L = micrograms/liter
VOCs = volatile organic compounds

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Table 4b
Old Roosevelt Field Contaminated Groundwater Site
Groundwater Round 2
- Field Blanks

Methods *Trace VOCs by SOM01.1*
Unit microgram per liter (µg/L)

Sample Code	Sample Date	Chromium	Iron	Calcium	Magnesium	Mercury	Cadmium
		µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
FB071006-GP	7/10/2006	1.7 J	83.6 J	0.449 J	0.0564 J		
FB071106-GP	7/11/2006	0.48 J					
FB071106-MP	7/11/2006						
FB071206-GP	7/12/2006	0.43 J	27.2 J				
FB071206-MP	7/12/2006						
FB071306-MP	7/13/2006						
FB071406-MP	7/14/2006					0.037 J	
FB071706-MP	7/17/2006						0.02 J
FB071806-MP	7/18/2006					0.046 J	
FB071906-MP	7/19/2006						
FB072006-MP	7/20/2006						

J - estimated value
U - non-detect
µg/L = micrograms/liter
VOCs = volatile organic compounds

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TABLES 5a

FIELD DUPLICATE
RELATIVE PERCENT DIFFERENCES

Table 5a-1 - VOCs
Table 5a-2 - SVOCs
Table 5a-3 – Pesticides and PCBs
Table 5a-4 – Metals
Table 5a-5 – Wet Chemistry

301877

Table 5a-1
Field Duplicate - VOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-02-6-R1 4/10/2006	GWM-02-6-R1-Dup GWM-20-6-R1 4/10/2006	RPD	ABS	GWM-06-6-R1 3/31/2006	GWM-06-6-R1-Dup GWM-16-6-R1 3/31/2006	RPD	ABS	GWM-07-5-R1 4/3/2006	GWM-07-5-R1-Dup GWM-17-5-R1 4/3/2006	RPD	ABS	GWP-11-R1 3/23/2006	GWP-11-R1-Dup GWP-21-R1 3/23/2006	RPD	ABS
Dichlorodifluoromethane	2.9 J	6.9 J	81.6		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		20	21	4.9	
Chloromethane	1 U	1.6 U	NC		0.76 J	0.5 U	NC	0.26	0.14 J	0.23 J	***48.6***		0.5 U	0.5 U	NC	
Vinyl Chloride	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	0.36 J	0.81 J	BRL		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.5	1.6	6.5	
1,1-Dichloroethene	1 U	1.6 U	NC		1.5	1.2	22.2		0.5 U	0.5 U	NC		4	4.2	4.9	
1,1,2-Trichloro-1,2,2-trifluoroethane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.28 J	0.3 J	BRL	0.02
Acetone	10 U	16 U	NC		43	29	***38.9***		5 U	5 U	NC		5 U	5 U	NC	
Carbon Disulfide	1 U	1.6 U	NC		0.66 J	0.35 J	BRL	0.31	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	1 U	1.6 U	NC		0.5 R	0.5 R	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methylene Chloride	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
trans-1,2-Dichloroethene	0.81 J	1 J	21.0		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.18 J	0.22 J	BRL	0.04
Methyl tert-Butyl Ether	0.82 J	0.73 J	11.6		0.15 J	0.5 U	NC	0.35	0.5 U	0.5 U	NC		0.5 U	0.11 J	NC	0.39
1,1-Dichloroethane	0.24 J	0.36 J	BRL	0.12	0.25 J	0.31 J	BRL	0.06	0.5 U	0.5 U	NC		0.73	0.73	0.0	
cis-1,2-Dichloroethene	8.4	11	***26.8***		0.26 J	0.32 J	BRL	0.06	0.5 U	0.5 U	NC		13	14	7.4	
2-Butanone	10 U	16 U	NC		5 U	4.3 J	NC	0.7	5 U	5 U	NC		5 U	5 U	NC	
Chlorobromomethane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,1-Trichloroethane	1 U	1.6 U	NC		1.7	2.3	***30.0***		0.5 U	0.5 U	NC		2.1	2.3	9.1	
Cyclohexane	1 U	1.6 U	NC		0.5 U	0.5 UJ	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.42 J	0.43 J	BRL	0.01
Benzene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloroethane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichloroethene	25	37	***38.7***		0.26 J	0.29 J	BRL	0.03	1.2	1.8	***40.0***		160	160	0.0	
Methylcyclohexane	1 U	1.6 U	NC		0.5 U	0.5 UJ	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloropropane	1 U	1.6 U	NC		0.5 U	0.5 UJ	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	1 U	1.6 U	NC		0.5 U	0.5 UJ	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	10 U	16 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Toluene	1 U	1.6 U	NC		790	810	2.5		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
trans-1,3-Dichloropropene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Tetrachloroethene	1.8	3.5	***64.2***		*0.5 U*	*0.11 J*	BRL	*0.39*	*0.45 J*	*0.7*	***43.5***		*50*	*50*	*0.0*	
2-Hexanone	10 U	16 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Dibromochloromethane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromoethane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	1 U	1.6 U	NC		0.47 J	0.59	22.6		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Xylenes (total)	1 U	1.6 U	NC		0.5 U	0.27 J	BRL	0.23	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Styrene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	1 U	1.6 U	NC		*0.5 U*	*0.5 U*	NC		*0.5 U*	*0.5 U*	NC		*0.5 U*	*0.5 U*	NC	
Isopropylbenzene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	1 U	1.6 U	NC		0.25 J	0.27 J	BRL	0.02	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	1 U	1.6 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	

Units: µg/L

301878

Table 5a-1
Field Duplicate - VOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-08-4-R2 7/18/2006		GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006		RPD	ABS	GWP-11-R2 7/10/2006		GWP-11-R2-DUP GWP-21-R2 7/10/2006		RPD	ABS
Dichlorodifluoromethane	0.5	U	0.5	U	NC		0.5	U	3.9	U	NC	
Chloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Vinyl Chloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichlorofluoromethane	0.5	U	0.5	U	NC		1.3		0.5	U	NC	0.8
1,1-Dichloroethene	0.5	U	0.5	U	NC		3.7		0.5	U	NC	3.2
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Acetone	5	U	5	U	NC		5	U	5	U	NC	
Carbon Disulfide	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl Acetate	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methylene Chloride	0.63	U	0.5	U	NC		0.72	U	4.2	U	NC	
trans-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.06	J	0.2	J	BRL	0.14
Methyl tert-Butyl Ether	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethane	0.5	U	0.5	U	NC		0.74		0.98		***27.9***	
cis-1,2-Dichloroethene	0.5	U	0.16	J	NC	0.34	10		15		***40.0***	
2-Butanone	5	U	5	U	NC		5	U	5	U	NC	
Chlorobromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,1-Trichloroethane	0.5	U	0.5	U	NC		2		2		0.0	
Cyclohexane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Carbon Tetrachloride	0.5	U	0.5	U	NC		0.46	J	0.33	J	BRL	0.13
Benzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,4-Dioxane	20	U	20	U	NC		20	U	20	U	NC	
Trichloroethene	1.6		1		***46.2***	0.6	160		120		***28.6***	
Metylcyclohexane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromodichloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
4-Methyl-2-pentanone	5	U	5	U	NC		5	U	5	U	NC	
Toluene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
trans-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Tetrachloroethene	23		40		54.0	17	58		48		18.9	
2-Hexanone	5	U	5	U	NC		5	U	5	U	NC	
Dibromochloromethane	0.5	U	0.16	J	NC	0.34	0.5	U	0.5	U	NC	
1,2-Dibromoethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Ethylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
o-Xylene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
m,p-Xylenes	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Styrene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromoform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Isopropylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,3-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,4-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dibromo-3-chloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,4-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,3-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Volatile Organic Compounds - SIM												
1,4-Dioxane	2	U	2	U	NC		2	R	2	R	NC	
1,2-Dibromoethane	0.05	U	0.05	U	NC		0.05	U	0.05	U	NC	
1,2-Dibromo-3-chloropropane	0.05	U	0.05	U	NC		0.05	U	0.05	U	NC	

Units: µg/L

301879

Table 5a-2
Field Duplicate - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-02-6-R1 4/10/2006		GWM-02-6-R1-Dup / GWM-20-6-R1 4/10/2006		RPD	GWP-11-R1 3/23/2006		GWP-11-R1-Dup / GWP-21-R1 3/23/2006		RPD	GWM-08-4-R2 7/18/2006		GWM-08-4-R2-DUP / GWM-18-4-R2 7/18/2006		RPD	ABS
Benzaldehyde	µg/L	NA	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Phenol	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
bis(2-Chloroethyl) ether	µg/L	1	10	UJ	10	UJ	NC	10	U	10	U	NC	5	R	5	R	NC	
2-Chlorophenol	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2-Methylphenol	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2,2'-oxybis(1-Chloropropane)	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Acetophenone	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
4-Methylphenol	µg/L	50	10	UJ	10	UJ	NC	10	U	10	U	NC	5	R	5	R	NC	
n-Nitroso-di-n-propylamine	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Hexachloroethane	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Nitrobenzene	µg/L	0.4	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Isophorone	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2-Nitrophenol	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2,4-Dimethylphenol	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
bis(2-Chloroethoxy)methane	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2,4-Dichlorophenol	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Naphthalene	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
4-Chloroaniline	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Hexachlorobutadiene	µg/L	0.5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Caprolactam	µg/L	NA	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
4-Chloro-3-methylphenol	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2-Methylnaphthalene	µg/L	NA	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Hexachlorocyclopentadiene	µg/L	5	10	UJ	10	UJ	NC	10	UJ	10	U	NC	5	R	5	R	NC	
2,4,6-Trichlorophenol	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2,4,5-Trichlorophenol	µg/L	5	25	U	25	U	NC	25	U	25	U	NC	5	R	5	R	NC	
1,1'-Biphenyl	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2-Chloronaphthalene	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2-Nitroaniline	µg/L	5	25	U	25	U	NC	25	U	25	U	NC	10	R	10	R	NC	
Dimethylphthalate	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2,6-Dinitrotoluene	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Acenaphthylene	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
3-Nitroaniline	µg/L	5	25	U	25	U	NC	25	U	25	U	NC	10	R	10	R	NC	
Acenaphthene	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2,4-Dinitrophenol	µg/L	10	25	R	25	R	NC	25	R	25	R	NC	10	R	10	R	NC	
4-Nitrophenol	µg/L	50	25	U	25	U	NC	25	U	25	U	NC	10	R	10	R	NC	
Dibenzofuran	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
2,4-Dinitrotoluene	µg/L	5	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Diethylphthalate	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
Fluorene	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
4-Chlorophenyl-phenylether	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	
4-Nitroaniline	µg/L	5	25	U	25	U	NC	25	UJ	25	UJ	NC	10	R	10	R	NC	
4,6-Dinitro-2-methylphenol	µg/L	50	25	UJ	25	UJ	NC	25	UJ	25	UJ	NC	10	R	10	R	NC	
n-Nitrosodiphenylamine	µg/L	50	10	U	10	U	NC	10	U	10	U	NC	5	R	5	R	NC	

301880

Table 5a-2
Field Duplicate - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-02-6-R1 4/10/2006	GWM-02-6-R1-Dup / GWM-20-6-R1 4/10/2006	RPD	GWP-11-R1 3/23/2006	GWP-11-R1-Dup / GWP-21-R1 3/23/2006	RPD	GWM-08-4-R2 7/18/2006	GWM-08-4-R2-DUP / GWM-18-4-R2 7/18/2006	RPD	ABS
4-Bromophenyl-phenylether	µg/L	50	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
1,2,4,5-Tetrachlorobenzene	µg/L		NOT APPLICABLE		NC	NOT APPLICABLE			5 R	5 R	NC	
Hexachlorobenzene	µg/L	0.04	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Atrazine	µg/L	3	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Pentachlorophenol	µg/L	1	25 U	25 U	NC	25 U	25 U	NC	10 R	10 R	NC	
Phenanthrene	µg/L	50	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Anthracene	µg/L	50	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Carbazole	µg/L	50	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Di-n-butylphthalate	µg/L	50	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Fluoranthene	µg/L	50	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Pyrene	µg/L	50	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Butylbenzylphthalate	µg/L	50	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
3,3'-Dichlorobenzidine	µg/L	5	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Benzo(a)anthracene	µg/L	0.002	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Chrysene	µg/L	0.002	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
bis(2-Ethylhexyl) phthalate	µg/L	5	10 UJ	10 UJ	NC	10 U	10 U	NC	5 R	5 R	NC	
Di-n-octylphthalate	µg/L	50	10 UJ	10 UJ	NC	10 UJ	10 U	NC	5 R	5 R	NC	
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Benzo(a)pyrene	µg/L	0.2	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	10 U	NC	10 U	10 U	NC	5 R	5 R	NC	
Dibenz(a,h)anthracene	µg/L	50	10 U	10 U	NC	10 UJ	10 U	NC	5 R	5 R	NC	
Benzo(g,h,i)perylene	µg/L	50	10 U	10 U	NC	10 UJ	10 U	NC	5 R	5 R	NC	
Chlorophenols	µg/L								5 R	5 R	NC	
Naphthalene	µg/L								0.33	0.25	***27.6***	0.08
2-Methylnaphthalene	µg/L								0.1 U	0.1 U	NC	
Acenaphthylene	µg/L								0.1 U	0.1 U	NC	
Acenaphthene	µg/L								0.1 U	0.1 U	NC	
Fluorene	µg/L		NOT APPLICABLE, SIM ANALYSIS NOT PERFORMED IN APRIL 2006						0.1 U	0.1 U	NC	
Pentachlorophenol	µg/L								0.2 UJ	0.2 UJ	NC	
Phenanthrene	µg/L								0.1 U	0.1 U	NC	
Anthracene	µg/L								0.1 U	0.1 U	NC	
Fluoranthene	µg/L								0.1 U	0.1 U	NC	
Pyrene	µg/L								0.1 U	0.1 U	NC	
Benzo(a)anthracene	µg/L								0.1 U	0.1 U	NC	
Chrysene	µg/L								0.1 U	0.1 U	NC	
Benzo(b)fluoranthene	µg/L								0.1 U	0.1 U	NC	
Benzo(k)fluoranthene	µg/L								0.1 U	0.1 U	NC	
Benzo(a)pyrene	µg/L								0.1 U	0.1 U	NC	
Indeno(1,2,3-cd)pyrene	µg/L								0.1 U	0.1 U	NC	
Dibenz(a,h)anthracene	µg/L								0.1 U	0.1 U	NC	
Benzo(g,h,i)perylene	µg/L								0.1 U	0.1 U	NC	

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Table 5a-2
Field Duplicate - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWP-11-R2 7/10/2006		GWP-11-R2-DUP / GWP-21-R2 7/10/2006		RPD	ABS
Benzaldehyde	µg/L	NA	5	U	5	U	NC	
Phenol	µg/L	50	5	U	5	U	NC	
bis(2-Chloroethyl) ether	µg/L	1	5	U	5	U	NC	
2-Chlorophenol	µg/L	5	5	U	5	U	NC	
2-Methylphenol	µg/L	50	5	U	5	U	NC	
2,2'-oxybis(1-Chloropropane)	µg/L	5	5	U	5	U	NC	
Acetophenone	µg/L	50	5	U	5	U	NC	
4-Methylphenol	µg/L	50	5	U	5	U	NC	
n-Nitroso-di-n-propylamine	µg/L	50	5	U	5	U	NC	
Hexachloroethane	µg/L	5	5	U	5	U	NC	
Nitrobenzene	µg/L	0.4	5	U	5	U	NC	
Isophorone	µg/L	50	5	U	5	U	NC	
2-Nitrophenol	µg/L	50	5	U	5	U	NC	
2,4-Dimethylphenol	µg/L	50	5	U	5	U	NC	
bis(2-Chloroethoxy)methane	µg/L	5	5	U	5	U	NC	
2,4-Dichlorophenol	µg/L	5	5	U	5	U	NC	
Naphthalene	µg/L	50	5	U	5	U	NC	
4-Chloroaniline	µg/L	5	5	U	5	U	NC	
Hexachlorobutadiene	µg/L	0.5	5	U	5	U	NC	
Caprolactam	µg/L	NA	5	U	5	U	NC	
4-Chloro-3-methylphenol	µg/L	5	5	U	5	U	NC	
2-Methylnaphthalene	µg/L	NA	5	U	5	U	NC	
Hexachlorocyclopentadiene	µg/L	5	5	U	5	U	NC	
2,4,6-Trichlorophenol	µg/L	5	5	U	5	U	NC	
2,4,5-Trichlorophenol	µg/L	5	5	U	5	U	NC	
1,1'-Biphenyl	µg/L	5	5	U	5	U	NC	
2-Chloronaphthalene	µg/L	5	5	U	5	U	NC	
2-Nitroaniline	µg/L	5	10	U	10	U	NC	
Dimethylphthalate	µg/L	50	5	U	5	U	NC	
2,6-Dinitrotoluene	µg/L	5	5	U	5	U	NC	
Acenaphthylene	µg/L	50	5	U	5	U	NC	
3-Nitroaniline	µg/L	5	10	U	10	U	NC	
Acenaphthene	µg/L	50	5	U	5	U	NC	
2,4-Dinitrophenol	µg/L	10	10	U	10	U	NC	
4-Nitrophenol	µg/L	50	10	U	10	U	NC	
Dibenzofuran	µg/L	50	5	U	5	U	NC	
2,4-Dinitrotoluene	µg/L	5	5	U	5	U	NC	
Diethylphthalate	µg/L	50	5	U	5	U	NC	
Fluorene	µg/L	50	5	U	5	U	NC	
4-Chlorophenyl-phenylether	µg/L	50	5	U	5	U	NC	
4-Nitroaniline	µg/L	5	10	U	10	U	NC	
4,6-Dinitro-2-methylphenol	µg/L	50	10	U	10	U	NC	
n-Nitrosodiphenylamine	µg/L	50	5	U	5	U	NC	

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Table 5a-2
Field Duplicate - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code Sample Name Sample Date	Site-Specific Groundwater Screening Criteria	GWP-11-R2 7/10/2006		GWP-11-R2-DUP GWP-21-R2 7/10/2006		RPD	ABS
4-Bromophenyl-phenylether	µg/L	50	5	U	5	U	NC	
1,2,4,5-Tetrachlorobenzene	µg/L		5	U	5	U	NC	
Hexachlorobenzene	µg/L	0.04	5	U	5	U	NC	
Atrazine	µg/L	3	5	U	5	U	NC	
Pentachlorophenol	µg/L	1	10	U	10	U	NC	
Phenanthrene	µg/L	50	5	U	5	U	NC	
Anthracene	µg/L	50	5	U	5	U	NC	
Carbazole	µg/L	50	5	U	5	U	NC	
Di-n-butylphthalate	µg/L	50	5	U	5	U	NC	
Fluoranthene	µg/L	50	5	U	5	U	NC	
Pyrene	µg/L	50	5	U	5	U	NC	
Butylbenzylphthalate	µg/L	50	5	U	5	U	NC	
3,3'-Dichlorobenzidine	µg/L	5	5	U	5	U	NC	
Benzo(a)anthracene	µg/L	0.002	5	U	5	U	NC	
Chrysene	µg/L	0.002	5	U	5	U	NC	
bis(2-Ethylhexyl) phthalate	µg/L	5	5	U	5	U	NC	
Di-n-octylphthalate	µg/L	50	5	U	5	U	NC	
Benzo(b)fluoranthene	µg/L	0.002	5	U	5	U	NC	
Benzo(k)fluoranthene	µg/L	0.002	5	U	5	U	NC	
Benzo(a)pyrene	µg/L	0.2	5	U	5	U	NC	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	5	U	5	U	NC	
Dibenz(a,h)anthracene	µg/L	50	5	U	5	U	NC	
Benzo(g,h,i)perylene	µg/L	50	5	U	5	U	NC	
Chlorophenols	µg/L		5	U	5	U	NC	
Naphthalene	µg/L		0.15	U	0.18	J	BRL	0.03
2-Methylnaphthalene	µg/L		0.1	U	0.1	R	NC	
Acenaphthylene	µg/L		0.1	U	0.1	R	NC	
Acenaphthene	µg/L		0.1	U	0.1	R	NC	
Fluorene	µg/L		0.1	U	0.1	R	NC	
Pentachlorophenol	µg/L		0.2	UJ	0.2	R	NC	
Phenanthrene	µg/L		0.1	U	0.1	R	NC	
Anthracene	µg/L		0.1	U	0.1	R	NC	
Fluoranthene	µg/L		0.1	U	0.1	R	NC	
Pyrene	µg/L		0.1	U	0.1	U	NC	
Benzo(a)anthracene	µg/L		0.1	U	0.1	U	NC	
Chrysene	µg/L		0.1	U	0.1	U	NC	
Benzo(b)fluoranthene	µg/L		0.1	U	0.1	U	NC	
Benzo(k)fluoranthene	µg/L		0.1	U	0.1	U	NC	
Benzo(a)pyrene	µg/L		0.1	U	0.1	U	NC	
Indeno(1,2,3-cd)pyrene	µg/L		0.1	U	0.1	U	NC	
Dibenz(a,h)anthracene	µg/L		0.1	U	0.1	U	NC	
Benzo(g,h,i)perylene	µg/L		0.1	U	0.1	U	NC	

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Table 5a-3
Field Duplicate - Pesticides and PCBs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Site-Specific Groundwater Screening Criteria	GWM-02-6-R1 4/10/2006		GWM-02-6-R1-Dup GWM-20-6-R1 4/10/2006		RPD	ABS	GWP-11-R1 3/23/2006	GWP-11-R1-Dup GWP-21-R1 3/23/2006	RPD	ABS
Aroclor-1016	0.09	1	U	1	U	NC	N	1 U	1 U	NC	N
Aroclor-1221	0.09	2	U	2	U	NC	O	2 U	2 U	NC	O
Aroclor-1232	0.09	1	U	1	U	NC	T	1 U	1 U	NC	T
Aroclor-1242	0.09	1	U	1	U	NC		1 U	1 U	NC	
Aroclor-1248	0.09	1	U	1	U	NC		1 U	1 U	NC	
Aroclor-1254	0.09	1	U	1	U	NC		1 U	1 U	NC	
Aroclor-1260	0.09	1	U	1	U	NC	A	1 U	1 U	NC	A
Aroclor-1262	N/A						P				P
Aroclor-1268	N/A						P				P
							L				L
alpha-BHC	0.01	0.05	U	0.05	U	NC	I	0.05 U	0.05 U	NC	I
beta-BHC	0.04	0.05	U	0.05	U	NC	C	0.05 U	0.05 U	NC	C
delta-BHC	0.04	0.05	U	0.05	U	NC	A	0.05 U	0.05 U	NC	A
gamma-BHC (Lindane)	0.05	0.05	U	0.05	U	NC	B	0.05 U	0.05 U	NC	B
Heptachlor	0.04	0.05	U	0.05	U	NC	L	0.05 U	0.05 U	NC	L
Aldrin	5	0.05	U	0.05	U	NC	E	0.05 U	0.05 U	NC	E
Heptachlor epoxide	0.03	0.05	U	0.05	U	NC		0.05 U	0.05 U	NC	
Endosulfan I	50	0.05	U	0.05	U	NC		0.05 U	0.05 U	NC	
Dieldrin	0.004	0.1	U	0.1	U	NC		0.1 U	0.1 U	NC	
4,4'-DDE	0.2	0.1	U	0.1	U	NC		0.1 U	0.1 U	NC	
Endrin	2	0.1	U	0.1	U	NC		0.1 U	0.1 U	NC	
Endosulfan II	50	0.1	U	0.1	U	NC		0.1 U	0.1 U	NC	
4,4'-DDD	0.3	0.1	U	0.1	U	NC		0.1 U	0.1 U	NC	
Endosulfan sulfate	50	0.1	U	0.1	U	NC		0.1 U	0.1 U	NC	
4,4'-DDT	0.2	0.1	U	0.1	U	NC		0.1 U	0.1 U	NC	
Methoxychlor	35	0.5	U	0.5	U	NC		0.5 U	0.5 U	NC	
Endrin ketone	5	0.1	U	0.1	U	NC		0.1 U	0.1 U	NC	
Endrin aldehyde	5	0.1	U	0.1	U	NC		0.1 U	0.1 U	NC	
alpha-Chlordane	0.05	0.05	U	0.05	U	NC		0.05 U	0.05 U	NC	
gamma-Chlordane	0.05	0.05	U	0.05	U	NC		0.05 U	0.05 U	NC	
Toxaphene	0.06	5	U	5	U	NC		5 U	5 U	NC	

Unit: µg/L

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Table 5a-3
Field Duplicate - Pesticides and PCBs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-08-4-R2 7/18/2006	GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006	RPD	ABS	GWP-11-R2 7/10/2006	GWP-11-R2-DUP GWP-21-R2 7/10/2006	RPD	ABS
Aroclor-1016	1 U	1 U	NC	N	1 U	1 U	NC	N
Aroclor-1221	1 U	1 U	NC	O	1 U	1 U	NC	O
Aroclor-1232	1 U	1 U	NC	T	1 U	1 U	NC	T
Aroclor-1242	1 U	1 U	NC		1 U	1 U	NC	
Aroclor-1248	1 U	1 U	NC		1 U	1 U	NC	
Aroclor-1254	1 U	1 U	NC		1 U	1 U	NC	
Aroclor-1260	1 U	1 U	NC	A	1 U	1 U	NC	A
Aroclor-1262	1 U	1 U		P	1 U	1 U		P
Aroclor-1268	1 U	1 U		P	1 U	1 U		P
								L
alpha-BHC	0.05 U	0.05 U	NC	I	0.05 U	0.05 U	NC	I
beta-BHC	0.05 U	0.05 U	NC	C	0.05 U	0.05 U	NC	C
delta-BHC	0.05 UJ	0.05 UJ	NC	A	0.05 U	0.05 U	NC	A
gamma-BHC (Lindane)	0.05 U	0.05 U	NC	B	0.05 U	0.05 U	NC	B
Heptachlor	0.05 U	0.05 U	NC	L	0.05 U	0.05 U	NC	L
Aldrin	0.05 U	0.05 U	NC	E	0.05 U	0.05 U	NC	E
Heptachlor epoxide	0.05 U	0.05 U	NC		0.05 U	0.05 U	NC	
Endosulfan I	0.05 U	0.05 U	NC		0.05 U	0.05 U	NC	
Dieldrin	0.1 U	0.1 U	NC		0.1 U	0.1 U	NC	
4,4'-DDE	0.1 U	0.1 U	NC		0.1 U	0.1 U	NC	
Endrin	0.1 U	0.1 U	NC		0.1 U	0.1 U	NC	
Endosulfan II	0.1 U	0.1 U	NC		0.1 U	0.1 U	NC	
4,4'-DDD	0.1 U	0.1 U	NC		0.1 U	0.1 U	NC	
Endosulfan sulfate	0.1 U	0.1 U	NC		0.1 U	0.1 U	NC	
4,4'-DDT	0.1 UJ	0.1 UJ	NC		0.1 U	0.1 U	NC	
Methoxychlor	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Endrin ketone	0.1 U	0.1 U	NC		0.1 U	0.1 U	NC	
Endrin aldehyde	0.1 U	0.1 U	NC		0.1 U	0.1 U	NC	
alpha-Chlordane	0.05 U	0.05 U	NC		0.05 U	0.05 U	NC	
gamma-Chlordane	0.05 U	0.05 U	NC		0.05 U	0.05 U	NC	
Toxaphene	5 U	5 U	NC		5 U	5 U	NC	

Unit: µg/L

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Table 5a-4
Field Duplicates - Metals
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name		Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-02-6-R1-2 4/11/2006		GWM-02-6-R1-2-Dup GWM-20-6-R1-2 4/11/2006		RPD	ABS	GWM-08-4-R2 7/18/2006		GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006		RPD	ABS	GWP-11-R1 3/23/2006		GWP-11-R1-Dup GWP-21-R1 3/23/2006		RPD	ABS
ICP-AES																					
Silver	µg/L		50	6	U	6	U	NC		35	U	35	U	NC		6	U	6	U	NC	
Aluminum	µg/L		N/A	200	U	200	U	NC		200	U	200	U	NC		200	U	200	U	NC	
Arsenic	µg/L		10	8	U	8	U	NC		10	U	10	U	NC		8	U	8	U	NC	
Barium	µg/L		1000	16		17		6.1		200	U	200	U	NC		14		14		0.0	
Beryllium	µg/L		3	5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Cadmium	µg/L		5	4	U	4	U	NC		5	U	5	U	NC		4	U	4	U	NC	
Cobalt	µg/L		N/A	8	U	8	U	NC		5.4	J	5	J	7.7	0.4	8	U	8	U	NC	
Chromium	µg/L		50	6	U	6	U	NC		11.1		1.5	J	152.4	**9.6**	6	U	6	U	NC	
Copper	µg/L			10	U	10	U	NC		25	U	25	U	NC		43		28		***42.3***	
Iron	µg/L		300	100	U	100	U	NC		76.8	J	32	J	82.4	44.8	100	U	100	U	NC	
Manganese	µg/L		300	43		43		0.0		39.2		37.5		4.4		5	U	6.4		NC	1.4
Molybdenum	µg/L		N/A	8	U	8	U	NC								8	U	8	U	NC	
Nickel	µg/L		100	5	U	5	U	NC		12.6	J	6.5	J	63.9	**6.1**	5	U	5	U	NC	
Lead	µg/L		15	7	U	7	U	NC		10	U	10	U	NC		7	U	7	U	NC	
Selenium	µg/L		10000	7	U	7	U	NC		35	U	35	U	NC		7	U	7	U	NC	
Antimony	µg/L		3	14	U	14	U	NC		60	U	60	U	NC		14	U	14	U	NC	
Thallium	µg/L		0.5	20	U	20	U	NC		25	U	25	U	NC		20	U	20	U	NC	
Vanadium	µg/L		N/A	10	U	10	U	NC		0.4	J	50	U	NC	49.6	10	U	10	U	NC	
Zinc	µg/L		5	29		30		3.4		28.9	J	23.8	J	19.4		36		29		21.5	
Calcium	µg/L		N/A	6.5		6.8		4.5		5.75		5.69		1.0		11		11		0.0	
Potassium	µg/L		N/A	2.8		2.8		0.0		5	UJ	5	UJ	NC		1.8		1.9		5.4	
Magnesium	µg/L		35000	2.2		2.3		4.4		2.16	J	2.13	J	1.4		4.8		4.8		0.0	
Sodium	µg/L		20000	33	L	33	L	0.0		24.1		23.4		2.9		27	L	27	L	0.0	
Mercury	µg/L		0.7	0.2	U	0.2	U	NC		0.2	U	0.2	U	NC		0.2	U	0.2	U	NC	
Cyanide	µg/L		200000	5	U	5	U	NC		10	U	10	U	NC		5	U	5	U	NC	
ICP-MS																					
Thallium	µg/L		0.5							0.11	J	0.08	J	BRL	0.03						
Antimony	µg/L		3							2	U	2	U	NC							
Arsenic	µg/L		10	Not Applicable		Not Applicable				1	U	1	U	NC							
Beryllium	µg/L		3							1	U	1	U	NC							
Cadmium	µg/L		5							0.12	J	0.09	J	BRL	0.03						
Selenium	µg/L		10000							5	U	5	U	NC							

Notes:
N/A -- Not available
Values above 25 percent are italicized and bolded. Values above 50 percent are highlighted.
ABS Values above the CRDL are bolded.
NC - Not calculable.

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Table 5a-4
Field Duplicates - Metals
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date		Site-Specific Groundwater Screening Criteria	GWP-11-R2 7/10/2006		GWP-11-R2-DUP GWP-21-R2 7/10/2006		RPD	ABS
ICP-AES									
Silver	µg/L		50	10	U	10	U	NC	
Aluminum	µg/L		N/A	200	U	200	U	NC	
Arsenic	µg/L		10	10	U	10	U	NC	
Barium	µg/L		1000	200	U	200	U	NC	
Beryllium	µg/L		3	5	U	5	U	NC	
Cadmium	µg/L		5	5	U	5	U	NC	
Cobalt	µg/L		N/A	3.3	J	2.9	J	12.9	
Chromium	µg/L		50	0.49	J	10	U	NC	9.5
Copper	µg/L			26.4		28.5		7.7	
Iron	µg/L		300	91.5	J	100	U	NC	8.5
Manganese	µg/L		300	15	U	15	U	NC	
Molybdenum	µg/L		N/A					NC	
Nickel	µg/L		100	40	U	40	U	NC	
Lead	µg/L		15	10	U	10	U	NC	
Selenium	µg/L		10000	35	U	35	U	NC	
Antimony	µg/L		3	60	U	60	U	NC	
Thallium	µg/L		0.5	25	U	25	U	NC	
Vanadium	µg/L		N/A	50	U	50	U	NC	
Zinc	µg/L		5	60	U	60	U	NC	
Calcium	µg/L		N/A	11.5		11.3		1.8	
Potassium	µg/L		N/A	5	UJ	5	UJ	NC	
Magnesium	µg/L		35000	5.08		5.05		0.6	
Sodium	µg/L		20000	29.9		30.3		1.3	
Mercury	µg/L		0.7	0.2	UJ	0.2	UJ	NC	
Cyanide	µg/L		200000	10	U	10	U	NC	
ICP-MS									
Thallium	µg/L		0.5	1	U	1	U	NC	
Antimony	µg/L		3	2	U	2	U	NC	
Arsenic	µg/L		10	1	U	1	U	NC	
Beryllium	µg/L		3	0.05	J	0.02	J	BRL	0.03
Cadmium	µg/L		5	1	U	1	U	NC	
Selenium	µg/L		10000	1.6	J	1.7	J	6.1	

Notes:
N/A -- Not available
Values above 25 percent are italicized and bold
ABS Values above the CRDL are bolded.
NC - Not calculable.

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CDM

Table 5a-5
Field Duplicates - Wet Chemistry Parameters
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\	GWM-02-6-R1 4/10/2006		GWM-02-6-R1-Dup GWM-20-6-R1 4/10/2006		RPD	ABS	GWM-02-6-R1-2-Dup GWM-20-6-R1-2 4/11/2006		GWM-02-6-R1-2 4/11/2006		RPD	ABS	GWP-11-R1 3/23/2006		GWP-11-R1-Dup GWP-21-R1 3/23/2006		RPD	ABS
(Group Description)																				
Wet Chemistry Parameters																				
Chloride	MCAWW325-3	mg/L							32		34		6.06		55		55		0.0	
Sulfate	MCAWW375-	mg/L							33		32		3.08		19		19		0.0	
Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/L							0.5		0.5		0		4		4		0.0	
Total Organic Carbon	SW9060	mg/l	1.5		1	U	NC								1	U	1	U	NC	0.0(
Ferrous Iron and Sulfide																				
Ferrous Iron	HACH8146	mg/L	0.06				NC								0.06				NC	
Sulfide-Reactivity	Sulfide	mg/L	0.03	U			NC								0.01	U			NC	
MEE																				
Ethane	RSKSOP147	ug/L	6.2	U	6.2	U	NC								6.2	U	6.2	U	NC	
Ethene	RSKSOP147	ug/L	5.8	U	5.8	U	NC								5.8	U	5.8	U	NC	
Methane	RSKSOP147	ug/L	44	J	15	J	98.3								40	J	43	J	7.2	

Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\	GWM-08-4-R2 7/18/2006		GWM-08-4-R2-DUP GWM-18-4-R2 7/18/2006		RPD	ABS	GWP-11-R2 7/10/2006		GWP-11-R2-DUP GWP-21-R2 7/10/2006		RPD	ABS
(Group Description)														
Wet Chemistry Parameters														
Chloride	MCAWW325-3	mg/L	20		20		0.0		55		54		1.8	
Sulfate	MCAWW375-	mg/L	30		30		0.0		15		15		0.0	
Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/L	3.1		3.2		3.2		4		4.1		2.5	
Total Organic Carbon	SW9060	mg/l	1	U	1	U	NC		1.3		1	U	NC	0.30
Ferrous Iron and Sulfide														
Ferrous Iron	HACH8146	mg/L	0.03	U	0.03	U	NC		0.06		0.06		0.0	
Sulfide-Reactivity	Sulfide	mg/L	0.04		0.01	U	NC	**0.03**	0.021		0.053		86.5	**0.03**
MEE														
Ethane	RSKSOP147	ug/L	1	U	1	U	NC		1	U	1	U	NC	
Ethene	RSKSOP147	ug/L	1	U	1	U	NC		1	U	1	U	NC	
Methane	RSKSOP147	ug/L	2.2		3.1		34.0		40	DJ	46	DJ	14.0	

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TABLES 5b

FIELD DUPLICATE RELATIVE PERCENT DIFFERENCES

Table 5b-1 and 5b-2 - VOCs
Table 5b-3 - SVOCs
Table 5b-4 – Pesticides and PCBs
Table 5b-5 – Metals

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Table 5b-1
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 1)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-01-2-R1	GWM-01-2-R2	RPD	ABS	GWM-01-3-R1	GWM-01-3-R2	RPD	ABS	GWM-01-4-R1	GWM-01-4-R2	RPD	ABS	GWM-01-5-R1	GWM-01-5-R2	RPD	ABS
Dichlorodifluoromethane	0.5 UJ	0.5 R	NC		0.5 U	0.5 U	NC		0.5 UJ	0.5 R	NC		1.3 UJ	0.5 U	NC	
Chloromethane	0.5 U	0.5 R	NC		0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		1.3 U	0.5 U	NC	
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 R	NC		0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		1.3 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 R	NC	0	0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		1.3 U	0.5 U	NC	
Trichlorofluoromethane	6.5	1	146.7		0.37 J	4.2	BRL	3.83	6.8	16	80.7		24	20	18.2	
1,1-Dichloroethene	0.32 J	0.5 U	NC	0.18	0.32 J	4	BRL	3.68	0.64	0.5 U	NC	0.14	0.55 J	0.5 U	NC	0.05
1,1,2-Trichloro-1,2,2-trifluoroethane	0.19 J	0.5 U	NC	0.31	0.5 U	0.5 U	NC		0.13 J	0.5 U	NC	0.37	0.77 J	0.72	6.7	
Acetone	5 U	1.6 J	NC	3.4	5 U	5 U	NC		5 R	5 U	NC		13 U	5 U	NC	
Carbon Disulfide	0.5 U	0.5 R	NC		0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		1.3 U	0.5 U	NC	
Methyl Acetate	0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		1.3 R	0.5 U	NC	
Methylene Chloride	1	0.5 U	NC	0.5	0.5 U	0.78	NC	0.28	0.5 U	0.5 U	NC		1.3 U	0.8 U	NC	
trans-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Methyl tert-Butyl Ether	1	0.39 J	BRL	0.61	0.5 U	1.1	NC	0.6	1.5	9.9	147.4		8.2	8.1	1.2	
1,1-Dichloroethane	1.1	5.6	134.3		2.7	9.4	110.7		1.8	3.8	71.4		0.98 J	0.81	19.0	
cis-1,2-Dichloroethene	0.5 U	0.13 J	BRL	0.37	0.5 U	0.22 J	NC	0.28	0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
2-Butanone	5 U	5 U	NC		5 U	5 U	NC		5 R	5 U	NC		13 U	5 U	NC	
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Chloroform	0.12 J	0.5 U	NC	0.38	0.5 U	0.5 U	NC		0.2 J	0.5 U	NC		1.3 U	0.5 U	NC	
1,1,1-Trichloroethane	0.38 J	1.7	BRL	1.32	0.93	3.7	119.7		0.51	0.8	***44.3***		0.26 J	0.18 J	BRL	0.08
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Carbon Tetrachloride	0.5 U	0.5 U	NC		0.5 U	0.49 J	NC	0.01	0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Benzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,2-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Trichloroethene	0.3 J	0.99	BRL	0.69	0.77	2.4	102.8		0.5	0.92	59.2		0.32 J	0.5 U	NC	0.18
Methylcyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
4-Methyl-2-pentanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		13 U	5 U	NC	
Toluene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,1,2-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Tetrachloroethene	0.21 J	0.7	BRL	0.49	0.24 J	0.8	BRL	0.56	0.38 J	0.8	BRL	0.42	0.28 J	0.21 J	BRL	0.07
2-Hexanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		13 U	5 U	NC	
Dibromochloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Bromoform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 UJ	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.47 J	NC	0.03	0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 UJ	0.5 U	NC		0.5 U	0.5 U	NC		0.5 UJ	0.5 U	NC		1.3 UJ	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3 U	0.5 U	NC	
1,4-Dioxane		20 R	NC			20 R	NC			20 R	NC			20 U	NC	
VOC SIM Analysis																
1,4-Dioxane		2 R	NC			2 R	NC			2 R	NC			2 R	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

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Table 5b-1
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 1)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-01-6-R1	GWM-01-6-R2	RPD	ABS	GWM-01-7-R1	GWM-01-7-R2	RPD	ABS	GWM-01-8-R1	GWM-01-8-R2	RPD	ABS	GWM-01-9-R1	GWM-01-9-R2	RPD	ABS
Dichlorodifluoromethane	0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC	
Chloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	140	10	173.3		1.8	0.5 U	NC	1.3	0.32 J	0.5 U	NC	0.18	0.5 U	0.5 U	NC	
1,1-Dichloroethene	0.61	0.5 U	NC	0.11	0.12 J	0.5 U	NC	0.38	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloro-1,2,2-trifluoroethane	3.6	0.5 U	NC	3.1	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Acetone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Carbon Disulfide	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC	
Methylene Chloride	0.5 UJ	0.94 U	NC		0.5 UJ	0.97 U	NC		0.92 UJ	0.85 U	NC		0.5 UJ	0.76 U	NC	
trans-1,2-Dichloroethene	0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC	
Methyl tert-Butyl Ether	30	1.8	177.4		0.84	0.15 J	BRL	0.69	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1-Dichloroethane	1.7	0.5 U	NC	1.2	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
2-Butanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC	
1,1,1-Trichloroethane	0.38 J	0.5 U	NC	0.12	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Benzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloroethane	0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC		0.5 UJ	0.5 U	NC	
Trichloroethene	0.49 J	0.5 U	NC	0.01	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methylcyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Toluene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.05 J	NC	0.45	0.5 U	0.5 U	NC	
Tetrachloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
2-Hexanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	2.2 J	NC	2.8
Dibromochloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 UJ	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dioxane		20 U	NC			20 U	NC			20 U	NC			20 UJ	NC	
VOC SIM Analysis																
1,4-Dioxane		2 R	NC			2 R	NC			2 R	NC			2 R	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301891

Table 5b-1
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 1)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-01-10-R1	GWM-01-10-R2	RPD	ABS	GWM-02-1-R1	GWM-02-1-R2	RPD	ABS	GWM-02-2-R1	GWM-02-2-R2	RPD	ABS	GWM-02-3-R1	GWM-02-3-R2	RPD	ABS
Dichlorodifluoromethane	0.5 UJ	0.5 U	NC		6.6	0.5 U	NC	6.1	4.7	0.5 U	NC	4.2	3.5	0.5 U	NC	3
Chloromethane	0.5 U	0.5 U	NC		0.31 J	0.5 U	NC	0.19	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	0.5 U	0.5 U	NC		1.2	3	85.7		58	8.2	150.5		0.95	0.5 U	NC	0.45
1,1-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.46 J	0.5 U	NC	0.04	0.41 J	0.5 U	NC	0.09
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.2 J	0.5 U	NC	0.7	0.5 U	0.5 U	NC	
Acetone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Carbon Disulfide	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	0.5 R	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methylene Chloride	0.5 UJ	0.76 U	NC		0.14 J	0.89 U	NC	0.75	0.5 U	0.88 U	NC	0.38	0.5 U	1.3 U	NC	
trans-1,2-Dichloroethene	0.5 UJ	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.22 J	NC	0.28	0.19 J	0.58	BRL	0.39
Methyl tert-Butyl Ether	0.5 U	0.5 U	NC		0.96	0.97	1.0		0.34 J	0.54	***45.5***		0.37 J	1.1	BRL	0.73
1,1-Dichloroethane	0.5 U	0.5 U	NC		0.12 J	0.5 U	NC	0.38	1.2	0.87	***31.9***		1.1	0.38 J	BRL	0.72
cis-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.97	0.74	***26.9***		0.86	4.1	130.6		2.7	10	115.0	
2-Butanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	0.5 UJ	0.5 U	NC		0.45 J	0.5 U	NC	0.05	0.62	0.5 U	NC	0.12	0.31 J	0.5 U	NC	0.19
1,1,1-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.24 J	0.5 U	NC	0.26	0.31 J	0.5 U	NC	0.19
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	0.5 U	0.5 U	NC		0.14 J	0.03 J	BRL	0.11	0.13 J	0.5 U	NC	0.37	0.5 U	0.5 U	NC	
Benzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloroethane	0.5 UJ	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichloroethene	0.5 U	0.5 U	NC		22	15	***37.6***		13	17	***26.7***		16	38 J	81.5	
Methylcyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Toluene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Tetrachloroethene	0.5 U	0.5 U	NC		2.4	1.8	***28.6***		1.4	2.3	***48.6***		1.6	4.4	93.3	
2-Hexanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Dibromochloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Xylenes (total)/*o-xylene (Round 2)*	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dioxane		20 U	NC			20 U	NC			20 U	NC			20 R	NC	
VOC SIM Analysis																
1,4-Dioxane		2 R	NC			2 U	NC			2 U	NC			2 U	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301892

Table 5b-1
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 1)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-02-4-R1	GWM-02-4-R2	RPD	ABS	GWM-02-5-R1	GWM-02-5-R2	RPD	ABS	GWM-02-6-R1	GWM-02-6-R2	RPD	ABS	GWM-02-7-R1	GWM-02-7-R2	RPD	ABS
Dichlorodifluoromethane	3.9	0.5 U	NC	3.4	10	0.5 U	NC	9.5	2.9 J	0.5 U	NC	2.4	7.5	0.5 U	NC	7
Chloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	0.96	0.39 J	BRL	0.57	3.1	0.44 J	BRL	2.66	0.36 J	0.5 U	NC	0.14	0.55	0.5 U	NC	0.05
1,1-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Acetone	5 U	5 U	NC		5 U	5 U	NC		10 U	5 U	NC		5 U	5 U	NC	
Carbon Disulfide	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methylene Chloride	0.15 J	0.73 U	NC		0.5 U	1.6 U	NC		1 U	0.93	NC	0.07	0.5 U	0.61 U	NC	
trans-1,2-Dichloroethene	0.26 J	0.35 J	BRL	0.09	0.24 J	0.24 J	BRL	0	0.81 J	0.84	3.6		0.5 U	0.5 U	NC	
Methyl tert-Butyl Ether	0.6	0.58	3.4		0.43 J	0.67	BRL	0.24	0.82 J	1.1	***29.2***		0.44 J	0.72	BRL	0.28
1,1-Dichloroethane	0.26 J	0.19 J	BRL	0.07	0.17 J	0.17 J	BRL	0	0.24 J	0.33 J	BRL	0.09	0.5 U	0.5 U	NC	
cis-1,2-Dichloroethene	5.2	5.8	10.9		4.9	5.7	15.1		8.4	10	17.4		0.29 J	0.34 J	BRL	0.05
2-Butanone	5 U	5 U	NC		5 U	5 U	NC		10 U	60	NC		5 U	68	NC	**63**
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	0.34 J	0.5 U	NC	0.16	0.24 J	0.5 U	NC	0.26	1 U	0.5 U	NC		0.34 J	0.5 U	NC	0.16
1,1,1-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.27 J	NC	0.73	0.5 U	0.5 U	NC	
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	0.5 U	0.06 J	NC	0.44	0.1 J	0.07 J	BRL	0.03	1 U	0.13 J	NC	0.87	0.16 J	0.1 J	BRL	0.06
Benzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.15 J	NC	0.85	0.5 U	0.5 U	NC	
1,2-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichloroethene	23	21	9.1		24	23 J	4.3		25	17	***38.1***		18	12	***40.0***	
Methylcyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	5 U	5 U	NC		5 U	5 U	NC		10 U	5 U	NC		5 U	5 U	NC	
Toluene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Tetrachloroethene	2.8	2.6	7.4		5.8	2.2	90.0		1.8	4.3	82.0		3.2	2.3	***32.7***	
2-Hexanone	5 U	3.2 J	NC	1.8	5 U	5 U	NC		10 U	5 U	NC		5 U	5 U	NC	
Dibromochloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 UJ	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 UJ	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dioxane		20 U	NC			20 U	NC			20 R	NC			20 U	NC	
VOC SIM Analysis																
1,4-Dioxane		2 U	NC			2 U	NC			2 R	NC			2 U	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301893

Table 5b-1
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 1)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-02-8-R1	GWM-02-8-R2	RPD	ABS	GWM-02-9-R1	GWM-02-9-R2	RPD	ABS	GWM-02-10-R1	GWM-02-10-R2	RPD	ABS	GWM-03-1-R1	GWM-03-1-R2	RPD	ABS
Dichlorodifluoromethane	6.9	0.5 U	NC	6.4	3.2	0.5 U	NC	2.7	2.2	0.5 U	NC	1.7	0.5 U	0.5 U	NC	
Chloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.19 J	0.5 U	NC	0.31	0.5 U	0.5 U	NC	
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	0.33 J	0.5 U	NC	0.17	0.43 J	0.1 J	BRL	0.33	0.39 J	0.1 J	BRL	0.29	20	52	88.9	
1,1-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.11 J	0.5 U	NC	0.39
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.3 J	0.5 U	NC	0.2
Acetone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	3.1 J	NC	1.9
Carbon Disulfide	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methylene Chloride	0.5 U	0.62 U	NC		0.38 J	1.9 U	NC	1.52	0.7	4.1	142		0.5 U	0.54 U	NC	
trans-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl tert-Butyl Ether	1.4	1.4	0.0		3	4.6	**42.1**		0.24 J	0.5 U	NC	0.26	0.5 U	0.5 U	NC	
1,1-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.41 J	1.1	BRL	0.69
cis-1,2-Dichloroethene	0.36 J	0.48 J	BRL	0.12	0.8	0.76	5.1		0.69	0.14 J	BRL	0.55	0.5 U	0.12 J	NC	0.38
2-Butanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	0.22 J	0.5 U	NC	0.28	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,1-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.28 J	0.26 J	BRL	0.02
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	0.5 U	0.06 J	NC	0.44	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Benzene	0.5 U	0.5 U	NC		0.5 U	0.07 J	NC	0.43	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichloroethene	25	18	**32.6**		20	18	10.5		4.9	1	132.2		1.9	6.1	105.0	
Methylcyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Toluene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Tetrachloroethene	2.8	2.3	19.6		0.86	0.38 J	BRL	0.48	0.68	0.14 J	BRL	0.54	0.2 J	0.5 U	NC	0.3
2-Hexanone	5 U	5 U	NC		5 U	5 U	NC		5 U	2.8 J	NC	2.2	5 U	5 U	NC	
Dibromochloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.02 J	NC	0.48
Xylenes (total)/o-xylene (Round 2)	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dioxane		20 U	NC			20 U	NC			20 U	NC			20 U	NC	
VOC SIM Analysis																
1,4-Dioxane		2 U	NC			2 U	NC			2 R	NC			2 R	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301894

Table 5b-1
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 1)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-03-2-R1	GWM-03-2-R2	RPD	ABS	GWM-03-3-R1	GWM-03-3-R2	RPD	ABS	GWM-03-4-R1	GWM-03-4-R2	RPD	ABS	GWM-03-5-R1	GWM-03-5-R2	RPD	ABS
Dichlorodifluoromethane	0.48 J	0.5 U	NC	0.02	0.17 J	0.5 U	NC	0.33	0.22 J	0.5 U	NC	0.28	1.9	0.5 U	NC	1.4
Chloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	6.8	15	***75.2***		7.1	9.2	***25.8***		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1-Dichloroethene	0.84	1	17.4		0.27 J	0.5 U	NC	0.23	0.12 J	0.5 U	NC		0.15 J	0.5 U	NC	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Acetone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Carbon Disulfide	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC	
Methylene Chloride	0.5 U	1.4 U	NC		0.5 U	1 U	NC		0.5 U	1.3 U	NC		0.5 U	1.4 U	NC	0.9
trans-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl tert-Butyl Ether	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.6	4.7	98.4	
1,1-Dichloroethane	3.5	5.8	***49.5***		2.6	3.3	23.7		0.25 J	0.5 U	NC	0.25	0.7	1.5	67.9	
cis-1,2-Dichloroethene	0.25 J	0.8	BRL	0.55	0.39 J	0.61	BRL	0.22	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
2-Butanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5.0 U	5.0 U	NC	
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,1-Trichloroethane	0.87	1.4	***46.7***		0.89	0.93	NC		0.62	0.5 U	NC	0.12	0.4 J	0.5 U	NC	
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	0.5 U	0.21 J	NC	0.29	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Benzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.2 J	NC	0.3
1,2-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichloroethene	3.3	14	***123.7***		8.9	13	***37.4***	4.1	0.5 U	0.51	NC	0.01	0.4 J	1.0	BRL	0.6
Methylcyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5.0 U	5.0 U	NC	
Toluene	0.5 U	0.04 J	NC	0.46	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Tetrachloroethene	0.39 J	0.5 U	NC	0.11	0.25 J	0.3 J	BRL	0.05	0.54	0.24 J	BRL	0.3	0.4 J	0.5 J	BRL	0.1
2-Hexanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5.0 U	5.0 U	NC	
Dibromochloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dioxane		20 U	NC			20 U	NC			20 U	NC			20 U	NC	
VOC SIM Analysis																
1,4-Dioxane		2 R	NC			2 R	NC			2 R	NC			2 R	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301895

Table 5b-1
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 1)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-03-6-R1	GWM-03-6-R2	RPD	ABS	GWM-03-7-R1	GWM-03-7-R2	RPD	ABS	GWM-04-1-R1	GWM-04-1-R2	RPD	ABS	GWM-04-2-R1	GWM-04-2-R2	RPD	ABS
Dichlorodifluoromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 UJ	0.5 U	NC		1 UJ	0.5 U	NC	
Chloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Trichlorofluoromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		31	14	75.6		16	9.6	***50.0***	
1,1-Dichloroethene	0.23 J	0.5 U	NC		0.5 U	0.5 U	NC		1.2	5.8	131.4		1.7	4	80.7	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 UJ	0.5 U	NC		1 U	0.5 U	NC	
Acetone	5 U	4.2 J	NC		5 U	5 U	NC		10 U	5 U	NC		11 U	5 U	NC	
Carbon Disulfide	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Methyl Acetate	0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		1 R	0.5 U	NC		1 R	0.5 U	NC	
Methylene Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 UJ	1.2	NC	0.2	1.6 U	3	NC	**1.4**
trans-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 UJ	0.5 R	NC		1 UJ	0.5 U	NC	
Methyl tert-Butyl Ether	0.4 J	0.3 J	BRL	0.11	0.5 U	0.5 U	NC		3.4	3	12.5		1.7	2.5	***38.1***	
1,1-Dichloroethane	0.7	0.3 J	BRL	0.38	0.18 J	0.5 U	NC	0.32	2.7	6	75.9		3.3	3.3	0.0	
cis-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.41 J	2.2 J	BRL	**1.79**	0.82 J	2.9	111.8	
2-Butanone	5.0 U	5.0 U	NC		5 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Chloroform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.7 UJ	3.8	NC	**2.1**	2.4 UJ	2.3	NC	0.1
1,1,1-Trichloroethane	0.9	0.8	16.7		0.95	0.63	***40.5***		0.85 J	2.6	101.4		1.2	1.7	***34.5***	
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Carbon Tetrachloride	0.5 U	0.1 J	BRL	0.38	0.5 U	0.07 J	NC	0.43	0.4 J	1.8	BRL	**1.4**	1.3	2.9	76.2	1.6
Benzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC	0.5	1 U	0.5 U	NC	
1,2-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 UJ	0.5 U	NC		1 UJ	0.5 U	NC	
Trichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		30	21 J	***35.3***		26	22	16.7	
Methylcyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
4-Methyl-2-pentanone	5.0 U	5.0 U	NC		5 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Toluene	0.5 U	0.0 J	NC	0.46	0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,1,2-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Tetrachloroethene	0.7	0.6	1.6		0.72	0.54	***28.6***		7.3	21 J	96.8		20	29	***36.7***	
2-Hexanone	5.0 U	5.0 U	NC		5 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Dibromochloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Bromoform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 U	0.05 J	NC	0.45	0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1 U	0.5 U	NC		1 U	0.5 U	NC	
1,4-Dioxane		20 U	NC			20 U	NC			20 R	NC			20 R	NC	
VOC SIM Analysis																
1,4-Dioxane		2 R	NC			2 R	NC			2 R	NC			2 R	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301896

Table 5b-1
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 1)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-04-3-R1	GWM-04-3-R2	RPD	ABS	GWM-04-4-R1	GWM-04-4-R2	RPD	ABS	GWM-04-5-R1	GWM-04-5-R2	RPD	ABS	GWM-04-6-R1	GWM-04-6-R2	RPD	ABS
Dichlorodifluoromethane	5.2 J	11 J		5.8	97 J	13	152.7		64 J	12	136.8		15 J	0.5 U	NC	**14.5**
Chloromethane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Vinyl Chloride	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Bromomethane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Chloroethane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Trichlorofluoromethane	2.8	0.5 U	NC	2.3	8.4 U	0.5 U	NC		6.3 U	0.11 J	NC	6.19	13 U	0.5 U	NC	
1,1-Dichloroethene	1.3 J	9.7	152.7		8.9	4.8	59.9		7.8	3.4	78.6		5.5 J	2	93.3	3.5
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Acetone	32 U	5 U	NC		120 U	5 U	NC		83 U	5 U	NC		160 U	5 U	NC	
Carbon Disulfide	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Methyl Acetate	2.5 R	0.5 U	NC		8.4 R	0.5 U	NC		6.3 R	0.5 U	NC		13 R	0.5 U	NC	
Methylene Chloride	2 J	1.4	***35.3***		3.8 J	1.3	98.0		2.3 J	1.4	***48.6***	0.9	13 UJ	1.2 U	NC	**11.8**
trans-1,2-Dichloroethene	2.5 UJ	0.45 J	NC		8.4 UJ	0.5 U	NC		6.3 UJ	0.5 U	NC		13 UJ	0.5 U	NC	
Methyl tert-Butyl Ether	6.5	15	79.1		10	13	***26.1***		12	18	***40.0***		17	21	21.1	
1,1-Dichloroethane	2.5 U	1.1	NC	1.4	8.4 U	0.52	NC	7.88	6.3 U	0.49 J	NC	5.81	13 U	0.54	NC	**12.5**
cis-1,2-Dichloroethene	1.4 J	11 J	BRL	9.6	3.9 J	5	24.7		3.6 J	4.7	***26.5***		5.3 J	7.8	***38.2***	
2-Butanone	25 U	5 U	NC		84 U	5 U	NC		63 U	5 U	NC		130 U	17	NC	**113**
Chlorobromomethane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Chloroform	2.5 UJ	0.53	NC	1.97	8.4 UJ	0.5 U	NC		6.3 UJ	0.5 U	NC		13 UJ	0.5 U	NC	
1,1,1-Trichloroethane	2.5 U	2.7	NC	0.2	2.4 J	1.7	***34.1***		2.3 J	1.2	62.9		13 U	0.89	NC	**12.1**
Cyclohexane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Carbon Tetrachloride	2.5 U	0.29 J	NC	2.21	8.4 U	0.12 J	NC	8.28	6.3 U	0.08 J	NC	6.22	13 U	0.5 U	NC	
Benzene	2.5 U	0.7	NC	1.8	8.4 U	0.43 J	NC	7.97	6.3 U	0.36 J	NC	5.94	13 U	0.58	NC	**12.4**
1,2-Dichloroethane	2.5 UJ	0.5 U	NC		8.4 UJ	0.5 U	NC		6.3 UJ	0.96	NC		13 UJ	0.5 U	NC	
Trichloroethene	64	180	95.1		280	200	***33.3***		260	130	66.7		220	94	80.3	
Methylcyclohexane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
1,2-Dichloropropane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Bromodichloromethane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
cis-1,3-Dichloropropene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
4-Methyl-2-pentanone	25 U	5 U	NC		84 U	5 U	NC		63 U	5 U	NC		130 U	5 U	NC	
Toluene	2.5 U	0.5 U	NC		8.4 U	0.04 J	NC	8.36	6.3 U	0.5 U	NC		13 U	0.35 J	NC	**12.7**
trans-1,3-Dichloropropene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
1,1,2-Trichloroethane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Tetrachloroethene	21	210	163.6		180	200	10.5		220	100	75.0		350	94	115.3	
2-Hexanone	25 U	5 U	NC		84 U	5 U	NC		63 U	5 U	NC		130 U	5 U	NC	
Dibromochloromethane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.07 J	NC	6.23	13 U	0.5 U	NC	
1,2-Dibromoethane	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Chlorobenzene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Ethylbenzene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.07 J	NC	**12.9**
Xylenes (total)o-xylene (Round 2)	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.08 J	NC	**12.9**
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.21 J	NC	
Styrene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Bromoform	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
Isopropylbenzene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	2.5 U	0.5 U	NC		8.4 U	0.5 UJ	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
1,3-Dichlorobenzene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
1,4-Dichlorobenzene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.06 J	NC	6.24	13 U	0.5 U	NC	
1,2-Dichlorobenzene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	2.5 U	0.5 U	NC		8.4 U	0.5 UJ	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
1,2,4-Trichlorobenzene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
1,2,3-Trichlorobenzene	2.5 U	0.5 U	NC		8.4 U	0.5 U	NC		6.3 U	0.5 U	NC		13 U	0.5 U	NC	
1,4-Dioxane		20 R	NC			20 UJ	NC			20 U	NC			20 U	NC	
VOC SIM Analysis																
1,4-Dioxane		2 R	NC			2 R	NC			2 R	NC			2 R	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301897

Table 5b-1
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 1)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-04-7-R1	GWM-04-7-R2	RPD	ABS	GWM-04-8-R1	GWM-04-8-R2	RPD	ABS	GWM-04-9-R1	GWM-04-9-R2	RPD	ABS	GWM-04-10-R1	GWM-04-10-R2	RPD	ABS
Dichlorodifluoromethane	4.3 J	0.5 U	NC	3.8	2.7 J	0.5 U	NC	2.2	0.67 J	0.5 U	NC	0.17	0.5 UJ	0.5 U	NC	
Chloromethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Vinyl Chloride	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1-Dichloroethene	2.2 J	0.5 U	NC	1.7	0.57	0.5 U	NC	0.07	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloro-1,2,2-trifluoroethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Acetone	87 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Carbon Disulfide	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	6.3 R	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC	
Methylene Chloride	1.8 J	0.5 U	NC	1.3	0.5 U	1.7 U	NC		0.5 U	0.86 U	NC	0.36	0.5 U	0.5 U	NC	
trans-1,2-Dichloroethene	6.3 UJ	0.5 U	NC		0.5 U	0.5 U	0.0		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl tert-Butyl Ether	45	26 J	53.5		27	9.9	92.7		0.32 J	0.5 U	NC	0.18	0.5 U	0.5 U	NC	
1,1-Dichloroethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	0.0		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,2-Dichloroethene	2.2 J	2.7	20.4		2.3	1.4	***48.6***		0.89	0.62	***35.8***	0.27	0.1 J	0.13 J	BRL	0.03
2-Butanone	63 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Chlorobromomethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	6.3 UJ	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,1-Trichloroethane	6.3 U	0.5 U	NC		0.27 J	0.5 U	NC	0.23	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Cyclohexane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	6.3 U	0.5 U	NC		0.1 J	0.5 U	NC	0.4	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Benzene	6.3 U	0.32 J	NC	5.98	0.22 J	0.5 U	NC	0.28	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloroethane	6.3 UJ	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichloroethene	260	120	73.7		90	16	139.6		2.7	2.9	7.1		1.3	1.6	20.7	0.3
Methylcyclohexane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloropropane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	63 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Toluene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
trans-1,3-Dichloropropene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Tetrachloroethene	14	25	56.4		41	16	87.7		15	14	6.9	1	0.37 J	0.31 J	BRL	0.06
2-Hexanone	63 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Dibromochloromethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.47 J	NC	0.03
1,2-Dibromoethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Xylenes (total)/o-xylene (Round 2)	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Isopropylbenzene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	6.3 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dioxane		20 U	NC			20 U	NC			20 U	NC			20 U	NC	
VOC SIM Analysis																
1,4-Dioxane		2 R	NC			2 R	NC			2 R	NC			2 R	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301898

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-05-1-R1 4/14/2006	GWM-05-1-R2 7/19/2006	RPD	ABS	GWM-05-2-R1 4/14/2006	GWM-05-2-R2 7/19/2006	RPD	ABS	GWM-05-3-R1 4/14/2006	GWM-05-3-R2 7/19/2006	RPD	ABS	GWM-05-4-R1 4/14/2006	GWM-05-4-R2 7/19/2006	RPD	ABS
Dichlorodifluoromethane	1.8	0.5 U	NC	1.3	2	0.5 U	NC	1.5	22	0.5 U	NC	**21.5**	17	0.5 U	NC	**16.5**
Chloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	0.5 U	0.5 U	NC		1.2	1.8	***40.0***		0.37 J	0.5 U	NC	0.13	0.46 J	0.5 U	NC	0.04
1,1-Dichloroethene	1	0.5 U	NC	0.5	1	0.5 U	NC	0.5	0.37 J	0.5 U	NC	0.13	0.4 J	0.5 U	NC	0.1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Acetone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Carbon Disulfide	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC	
Methylene Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
trans-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl tert-Butyl Ether	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.8	0.95	17.1		1.8	1.6	11.8	
1,1-Dichloroethane	1.6	0.5 U	NC	1.1	1.8	0.62	97.5		2	1.7	16.2		3	2.3	***26.4***	
cis-1,2-Dichloroethene	0.56	1.1	65.1		1.8	2.9	***46.8***		0.97	1.8	59.9		1.1	2	58.1	
2-Butanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,1-Trichloroethane	0.57	0.5 U	NC	0.07	0.57	0.16 J	BRL	0.41	0.15 J	0.05 J	BRL	0.1	0.18 J	0.17 J	BRL	0.01
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	0.18 J	0.43 J	BRL	0.25	0.25 J	0.87	BRL	0.62	0.17 J	0.19 J	BRL	0.02	0.5 U	0.11 J	NC	0.39
Benzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.12 J	0.13 J	BRL	0.01	0.11 J	0.03 J	BRL	0.08
1,2-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichloroethene	6.6	20 U	NC	**13.4**	32	20 U	NC	**12**	12	20 U	NC	8	14	20 U	NC	6
Methylcyclohexane	0.5 U	9.3	NC	8.8	0.5 U	28	NC	**27.5**	0.5 U	14	NC	**13.5**	0.5 U	18	NC	**17.5**
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.1 J	0.5 U	NC	0.4	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	5 U	0.5 U	NC		5 U	0.5 U	NC		5 U	0.5 U	NC		5 U	0.5 U	NC	
Toluene	0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Tetrachloroethene	0.5	0.5 U	NC	0	0.95	0.5 U	NC	0.45	0.55	0.5 U	NC	0.05	0.72	0.5 U	NC	0.22
2-Hexanone	5 U	0.35 J	NC	4.65	5 U	0.92	NC	4.08	5 U	0.63	NC	4.37	5 U	0.73	NC	4.27
Dibromochloromethane	0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
VOC SIM Analysis																
1,4-Dioxane		0.5 UJ	NC			0.5 U	NC			0.5 UJ	NC			0.5 UJ	NC	
1,4-Dioxane		2 U	NC			2 U	NC			2 U	NC			2 U	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301899

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-05-5-R1 4/14/2006		GWM-05-5-R2 7/19/2006		RPD	ABS	GWM-05-6-R1 4/14/2006		GWM-05-6-R2 7/18/2006		RPD	ABS	GWM-05-7-R1 4/14/2006		GWM-05-7-R2 7/19/2006		RPD	ABS	GWM-05-8-R1 4/14/2006		GWM-05-8-R2 7/19/2006		RPD	ABS
Dichlorodifluoromethane	3.5		0.5	U	NC	3	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Vinyl Chloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichlorofluoromethane	0.56		0.64		13.3		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethene	0.44	J	0.5	U	NC	0.06	0.5	U	0.5	U	NC		2.7		0.5	U	NC	2.2	2.8		1.4		66.7	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.08	J	NC	0.42
Acetone	5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Carbon Disulfide	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl Acetate	0.5	R	0.5	U	NC		0.5	R	0.5	U	NC		0.5	R	0.5	U	NC		0.5	R	0.5	U	NC	
Methylene Chloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
trans-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl tert-Butyl Ether	1.1		1.2		8.7		0.7		0.98		***33.3***		0.5		0.49	J	2.0		0.85		1.1		***25.6***	
1,1-Dichloroethane	1.8		1.6		11.8		0.7		1.4		66.7		4.4		2.7		**47.9**		4.7		3.1		**41.0**	
cis-1,2-Dichloroethene	1.7		2		16.2		0.58		1.8		102.5		0.23	J	0.26	J	BRL	0.03	0.12	J	0.25	J	BRL	0.13
2-Butanone	5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Chlorobromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.27	J	0.5	U	NC	0.23
1,1,1-Trichloroethane	0.26	J	0.2	J	BRL	0.06	0.2	J	0.49	J	BRL	0.29	1.6		0.97		***49.0***		1.5		0.85		55.3	
Cyclohexane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Carbon Tetrachloride	0.12	J	0.12	J	BRL	0	0.5	U	0.5	U	NC		0.5	U	0.12	J	NC	0.38	0.5	U	0.16	J	NC	0.34
Benzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichloroethene	19		20	U	NC	1	5		20	U	NC	**15**	2.6		20	U	NC	**17.4**	0.91		20	U	NC	**19.1**
Methylcyclohexane	0.5	U	18		NC	**17.5**	0.5	U	12		NC	**11.5**	0.5	U	2.1		NC	1.6	0.5	U	1.7		NC	1.2
1,2-Dichloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromodichloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
4-Methyl-2-pentanone	5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC	
Toluene	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
trans-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Tetrachloroethene	0.62		0.5	U	NC	0.12	0.31	J	0.5	U	NC	0.19	0.5		0.5	U	NC	0	0.33	J	0.5	U	NC	0.17
2-Hexanone	5	U	0.6		NC	4.4	5	U	0.72		NC	4.28	5	U	0.4	J	NC	4.6	5	U	0.49	J	NC	4.51
Dibromochloromethane	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
1,2-Dibromoethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.06	J	NC	0.44	0.5	U	0.5	U	NC	
Chlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Ethylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
m,p-Xylenes (Round 2)			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
Styrene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromoform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Isopropylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.27	J	NC	0.23	0.5	U	0.5	U	NC	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,3-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,4-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dibromo-3-chloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,4-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,3-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
VOC SIM Analysis																								
1,4-Dioxane			0.5	UJ	NC				0.5	U	NC				0.5	UJ	NC				0.5	U	NC	
1,4-Dioxane			2	U	NC				2	U	NC				2	U	NC				2	U	NC	
1,2-Dibromoethane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	
1,2-Dibromo-3-chloropropane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301900

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-05-9-R1 4/14/2006		GWM-05-9-R2 7/19/2006		RPD	ABS	GWM-05-10-R1 4/14/2006		GWM-05-10-R2 7/19/2006		RPD	ABS	GWM-06-1-R1 3/31/2006		GWM-06-1-R2 7/19/2006		RPD	ABS	GWM-06-2-R1 3/31/2006		GWM-06-2-R2 7/19/2006		RPD	ABS
Dichlorodifluoromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.59		0.5	U	NC	0.09	0.29	J	0.5	U	NC	0.21
Chloromethane	0.5	U	0.5	U	NC		0.19	J	0.5	U	NC	0.31	0.24	J	0.5	U	NC	0.26	0.47	J	0.5	U	NC	0.03
Vinyl Chloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichlorofluoromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.13	J	0.5	U	NC	0.37
1,1-Dichloroethene	1.2		0.5	U	NC	0.7	0.5	U	0.5	U	NC		6.6		0.5	U	NC	6.1	3.7		0.5	U	NC	3.2
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.15	J	0.22	J	BRL	0.07	0.5	U	0.5	U	NC	
Acetone	5	U	5	U	NC		5	U	5	U	NC		12		5	U	NC	7	21		5	U	NC	**16**
Carbon Disulfide	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		1.5		0.5	U	NC	1	0.6		0.47	J	24.3	
Methyl Acetate	0.5	R	0.5	U	NC		0.5	R	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methylene Chloride	0.5	U	0.55	U	NC		0.5	U	0.5	U	NC		1.1	U	1		NC	0.1	0.5	U	0.5	U	NC	
trans-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl tert-Butyl Ether	0.85		0.5	U	NC	0.35	0.7		0.99		***34.3***		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethane	3.1		0.5	U	NC	2.6	0.5	U	1		NC	0.5	2		0.5	U	NC	1.5	0.99		0.17	J	BRL	0.82
cis-1,2-Dichloroethene	0.34	J	0.5	U	NC	0.16	0.5	U	0.18	J	NC	0.32	1.8		0.67		91.5		0.69		0.19	J	BRL	0.5
2-Butanone	5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Chlorobromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroform	0.24	J	0.5	U	NC	0.26	0.5	U	0.5	U	NC		0.5		0.58	U	NC	0.08	0.11	J	0.5	U	NC	0.39
1,1,1-Trichloroethane	0.52		0.5	U	NC	0.02	0.5	U	0.29	J	NC	0.21	7.4		0.57		171.4		3		0.22	J	BRL	2.78
Cyclohexane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Carbon Tetrachloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.06	J	NC	0.44	0.5	U	0.5	U	NC	
Benzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichloroethene	4.4		20	U	NC	**15.6**	0.11	J	20	U	NC	**19.9**	1.7		20	U	NC	**18.3**	0.33	J	20	U	NC	**19.7**
Methylcyclohexane	0.5	U	0.19	J	NC	0.31	0.5	U	1.6		NC	1.1	0.5	U	1.4		NC	0.9	0.5	U	0.5	U	NC	
1,2-Dichloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromodichloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
4-Methyl-2-pentanone	5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC	
Toluene	0.5	U	5	U	NC		0.5	U	5	U	NC		8.5		5	U	NC	3.5	6.6		5	U	NC	1.6
trans-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Tetrachloroethene	0.81		0.5	U	NC	0.31	0.11	J	0.5	U	NC	0.39	0.23	J	0.5	U	NC	0.27	0.5	U	0.5	U	NC	
2-Hexanone	5	U	0.11	J	NC	4.89	5	U	0.37	J	NC	4.63	5	U	0.5	U	NC		5	U	0.5	U	NC	
Dibromochloromethane	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
1,2-Dibromoethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Ethylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
m,p-Xylenes (Round 2)			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
Styrene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromoform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Isopropylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,3-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,4-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dibromo-3-chloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,4-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,3-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
VOC SIM Analysis																								
1,4-Dioxane			0.5	U	NC				0.5	UJ	NC				0.5	U	NC				0.5	U	NC	
1,4-Dioxane			2	U	NC				2	U	NC				2	U	NC				2	U	NC	
1,2-Dibromoethane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	
1,2-Dibromo-3-chloropropane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	

Units: µg/L
ABS Criteria 10 µg/L

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-06-3-R1 3/31/2006		GWM-06-3-R2 7/19/2006		RPD	ABS	GWM-06-4-R1 3/31/2006		GWM-06-4-R2 7/19/2006		RPD	ABS	GWM-06-5-R1 3/30/2006		GWM-06-5-R2 7/20/2006		RPD	ABS	GWM-06-6-R1 3/31/2006		GWM-06-6-R2 7/19/2006		RPD	ABS
Dichlorodifluoromethane	0.58		0.5	U	NC	0.08	0.36	J	0.5	U	NC	0.14	0.75		0.5	U	NC	0.25	0.5	U	0.5	U	NC	
Chloromethane	2.5		0.5	U	NC	2	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.76	J	0.5	U	NC	0.26
Vinyl Chloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroethane	0.5	U	0.5		NC	0	0.5	U	0.5	U	NC		3.3		0.5	U	NC	2.8	0.5	U	0.5	U	NC	
Trichlorofluoromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethene	13		9.7		***29.1***		14		6.7		70.5		22		16		***31.6***	6	1.5		0.5	U	NC	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Acetone	9.8		8.2		17.8		28		5	U	NC	**23**	9.6		5	U	NC	4.6	43		130		100.6	
Carbon Disulfide	0.94		0.36	J	BRL	0.58	0.25	J	0.37	J	BRL	0.12	0.35	J	0.5	U	NC	0.15	0.66	J	0.37	J	BRL	0.29
Methyl Acetate	0.5	R	0.5	U	NC		0.5	R	0.5	U	NC		0.5	R	0.5	U	NC		0.5	R	6.7		NC	**NC**
Methylene Chloride	0.38	J	0.5	U	NC	0.12	0.56	J	0.5	U	NC	0.06	0.84		1.5	U	NC	0.66	0.5	U	0.5	U	NC	
trans-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl tert-Butyl Ether	0.17	J	0.5	U	NC	0.33	0.2	J	0.5	U	NC	0.3	0.34	J	0.5	U	NC	0.16	0.15	J	0.5	U	NC	0.35
1,1-Dichloroethane	3.8		9.5		85.7		6.5		9.3		***35.4***		15		25	J	***50.0***	10	0.25	J	0.5	U	NC	0.25
cis-1,2-Dichloroethene	4.8	J	5.9	J	20.6		4.1	J	3.7	J	10.3		22	J	17	J	***25.6***	5	0.26	J	0.5	U	NC	0.24
2-Butanone	5	U	2.1	J	NC	2.9	5	U	5	U	NC		5	U	5	U	NC		5	U	22		NC	**17**
Chlorobromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroform	0.55		0.5	U	NC		0.53		0.5	U	NC	0.03	2.1		0.5	U	NC	1.6	0.5	U	0.5	U	NC	
1,1,1-Trichloroethane	14		0.22	J	BRL	**13.8**	15		1.8		157.1		21		6.1		110.0	**14.9**	1.7		0.47	J	BRL	1.23
Cyclohexane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Carbon Tetrachloride	0.5	U	0.5	U	NC		0.5	U	0.29	J	NC	0.21	0.5	U	1		NC	0.5	0.5	U	0.5	U	NC	
Benzene	0.5	U	0.5	U	NC		0.5	U	0.063	J	NC	0.44	0.11	J	0.5	U	NC	0.39	0.5	U	0.5	U	NC	
1,2-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichloroethene	8.2		20	U	NC	**11.8**	2.1		20	U	NC	**17.9**	4.3		20	U	NC	**15.7**	0.26	J	20	R	NC	**NC**
Methylcyclohexane	0.5	U	2.3		NC	1.8	0.5	U	1		NC	0.5	0.5	U	2.5		NC	2	0.5	U	0.5	U	NC	
1,2-Dichloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromodichloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
4-Methyl-2-pentanone	5	U	0.17	J	NC	4.83	5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC	
Toluene	110		5	U	NC	**105**	42		5	U	NC	**37**	23		5	U	NC		790		5	U	NC	**785**
trans-1,3-Dichloropropene	0.5	U	600		NC	**600**	0.5	U	0.79		NC	0.29	0.5	U	0.69		NC	0.19	0.5	U	270		NC	**270**
1,1,2-Trichloroethane	0.5	U	0.5	UJ	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Tetrachloroethene	0.7		0.5	UJ	NC	0.2	0.52		0.5	U	NC	0.02	1.1		0.5	U	NC	0.6	0.5	U	0.5	U	NC	
2-Hexanone	5	U	0.29	J	NC	4.71	5	U	0.24	J	NC	4.76	5	U	0.54		NC		5	U	0.087	J	NC	4.91
Dibromochloromethane	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
1,2-Dibromoethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Ethylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.47	J	0.5	U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5	U	0.23	J	NC	0.27	0.5	U	0.089	J	NC	0.41	0.5	U	0.5	U	NC		0.5	U	0.42	J	NC	0.08
m,p-Xylenes (Round 2)			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
Styrene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromoform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Isopropylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,3-Dichlorobenzene	0.5	U	0.5	UJ	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,4-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.25	J	0.026	J	BRL	0.22
1,2-Dichlorobenzene	0.5	U	0.11	J	NC	0.39	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	1.7		NC	1.2
1,2-Dibromo-3-chloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.042	J	NC	0.46
1,2,4-Trichlorobenzene	0.5	U	0.5	UJ	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,3-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
VOC SIM Analysis																								
1,4-Dioxane			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
1,4-Dioxane			2.4		NC	2.4			2	U	NC				6		NC				2	U	NC	
1,2-Dibromoethane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	
1,2-Dibromo-3-chloropropane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301902

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-07-1-R1 4/3/2006	GWM-07-1-R2 7/11/2006	RPD	ABS	GWM-07-2-R1 4/4/2006	GWM-07-2-R2 7/12/2006	RPD	ABS	GWM-07-3-R1 4/3/2006	GWM-07-3-R2 7/11/2006	RPD	ABS	GWM-07-4-R1 4/3/2006	GWM-07-4-R2 7/11/2006	RPD	ABS
Dichlorodifluoromethane	0.14 J	0.5 U	NC	0.36	0.5 U	0.5 R	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloromethane	0.14 J	0.5 U	NC	0.36	0.5 U	0.5 R	NC		0.5 U	0.5 U	NC		0.16 J	0.5 U	NC	0.34
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.42 J	0.5 U	NC	0.08	0.5 U	0.5 U	NC	
1,1-Dichloroethene	0.18 J	0.5 U	NC	0.32	1.4	5.2	115.2		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Acetone	5 U	5 U	NC		5 U	2 J	NC	3	5 U	5 U	NC		5 U	5 U	NC	
Carbon Disulfide	0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methylene Chloride	0.79 J	1.7 U	NC	0.91	0.5 U	0.57	NC	0.07	0.5 U	0.5 U	NC		0.5 U	1.2 U	NC	
trans-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.07 J	NC	0.43	0.5 U	0.5 U	NC	
Methyl tert-Butyl Ether	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,2-Dichloroethene	0.5 U	0.5 U	NC		0.5 U	0.76	NC	0.26	1	3.9	118.4		0.5 U	0.5 U	NC	
2-Butanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,1-Trichloroethane	0.5 U	0.5 U	NC		0.66	1.6	83.2		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Benzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichloroethene	0.18 J	20 U	NC	**19.8**	0.66	20 R	NC	**19.3**	9.4	20 U	NC	**10.6**	0.38 J	20 U	NC	**19.6**
Methylcyclohexane	0.5 U	0.24 J	NC	0.26	0.5 U	6.2	NC	5.7	0.5 U	20	NC	**19.5**	0.5 U	0.81	NC	0.31
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	5 U	0.5 U	NC		5 U	0.5 U	NC		5 U	0.5 U	NC		5 U	0.5 U	NC	
Toluene	0.56 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.04 J	NC	0.46	0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Tetrachloroethene	0.5 U	0.5 U	NC		0.11 J	0.5 U	NC	0.39	2.2	0.5 U	NC	1.7	0.21 J	0.5 U	NC	0.29
2-Hexanone	5 U	0.5 U	NC		5 U	0.5 U	NC		5 U	7.7	NC	2.7	5 U	0.56	NC	4.44
Dibromochloromethane	0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Xylenes (total)o-xylene (Round 2)	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	0.5 U	0.5 UJ	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
VOC SIM Analysis																
1,4-Dioxane		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
1,4-Dioxane		2 R	NC			2 R	NC			2 R	NC			2 R	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301903

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-07-5-R1 4/3/2006		GWM-07-5-R2 7/11/2006		RPD	ABS	GWM-07-6-R1 4/3/2006		GWM-07-6-R2 7/11/2006		RPD	ABS	GWM-08-1-R1 4/5/2006		GWM-08-1-R2 7/18/2006		RPD	ABS	GWM-08-2-R1 4/5/2006		GWM-08-2-R2 7/18/2006		RPD	ABS
Dichlorodifluoromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	-	0.33	J	0.5	U	NC	0.17
Chloromethane	0.14	J	0.5	U	NC	0.36	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Vinyl Chloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichlorofluoromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Acetone	5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Carbon Disulfide	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl Acetate	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	R	0.5	U	NC		0.5	R	0.5	U	NC	
Methylene Chloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
trans-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl tert-Butyl Ether	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.21	J	0.5	U	NC	0.29	0.18	J	0.46	J	BRL	0.28
2-Butanone	5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Chlorobromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,1-Trichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Cyclohexane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Carbon Tetrachloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Benzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichloroethene	1.2		20	U	NC	**18.8**	0.5	U	20	U	NC		1.9		20	U	NC	**18.1**	1.5		20	U	NC	
Methylcyclohexane	0.5	U	1.8		NC	1.3	0.5	U	0.5	U	NC		0.5	U	1.4		NC	0.9	0.5	U	3.2		NC	2.7
1,2-Dichloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromodichloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
4-Methyl-2-pentanone	5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC	
Toluene	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
trans-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Tetrachloroethene	0.45	J	0.5	U	NC	0.05	0.5	U	0.5	U	NC		1.9		0.5	U	NC	1.4	1.9		0.5	U	NC	
2-Hexanone	5	U	0.69		NC	4.31	5	U	0.5	U	NC		5	U	6.7		NC	1.7	5	U	13		NC	8
Dibromochloromethane	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
1,2-Dibromoethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Ethylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
m,p-Xylenes (Round 2)			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
Styrene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromoform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Isopropylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,3-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,4-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dibromo-3-chloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,4-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,3-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
VOC SIM Analysis																								
1,4-Dioxane			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
1,4-Dioxane			2	R	NC				2	R	NC				2	U	NC				2	U	NC	
1,2-Dibromoethane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	
1,2-Dibromo-3-chloropropane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301904

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWM-08-3-R1 4/5/2006		GWM-08-3-R2 7/18/2006		RPD	ABS	GWM-08-4-R1 4/6/2006		GWM-08-4-R2 7/18/2006		RPD	ABS	GWM-08-5-R1 4/5/2006		GWM-08-5-R2 7/18/2006		RPD	ABS	GWM-08-6-R1 4/5/2006		GWM-08-6-R2 7/18/2006		RPD	ABS
Dichlorodifluoromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Vinyl Chloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichlorofluoromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Acetone	5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Carbon Disulfide	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl Acetate	0.5	R	0.5	U	NC		0.5	R	0.5	U	NC		0.5	R	0.5	U	NC		0.5	R	0.5	U	NC	
Methylene Chloride	0.5	U	0.5	U	NC		0.5	U	0.63	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
trans-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl tert-Butyl Ether	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.18	J	0.3	J	BRL	0.12	0.5	U	0.5	U	NC	
2-Butanone	5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Chlorobromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,1-Trichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Cyclohexane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Carbon Tetrachloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Benzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichloroethene	1.2		20	U	NC	**18.8**	1		20	U	NC	**19**	1.6		20	U	NC	**18.4**	0.5	U	20	U	NC	
Methylcyclohexane	0.5	U	1.1		NC	0.6	0.5	U	1.6		NC	1.1	0.5	U	2		NC	1.5	0.5	U	0.5	U	NC	
1,2-Dichloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromodichloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.13	J	0.5	U	NC	0.37	0.5	U	0.5	U	NC	
4-Methyl-2-pentanone	5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC	
Toluene	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
trans-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Tetrachloroethene	15		0.5	U	NC	**14.5**	17		0.5	U	NC	**16.5**	34		0.5	U	NC	**33.5**	0.92		0.5	U	NC	0.42
2-Hexanone	5	U	23		NC	**18**	5	U	23		NC	**18**	5	U	57		NC	**52**	5	U	0.35	J	NC	4.65
Dibromochloromethane	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
1,2-Dibromoethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Ethylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Xylenes (total)/o-xylene (Round 2)	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
m,p-Xylenes (Round 2)			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
Styrene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromoform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Isopropylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,3-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,4-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dibromo-3-chloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,4-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,3-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.6	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
VOC SIM Analysis																								
1,4-Dioxane			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
1,4-Dioxane			2	U	NC				2	U	NC				2	U	NC				2	U	NC	
1,2-Dibromoethane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	
1,2-Dibromo-3-chloropropane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301905

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWP-10-R1 3/23/2006	GWP-10-R2 7/10/2006	RPD	ABS	GWP-11-R1 3/23/2006	GWP-11-R2 7/10/2006	RPD	ABS	GWX-10019-R1 3/22/2006	GWX-10019-R2 7/11/2006	RPD	ABS	GWX-10020-R1 3/23/2006	GWX-10020-R2 7/10/2006	RPD	ABS
Dichlorodifluoromethane	9.4	21	76.3		20	0.5 U	NC	**19.5**	0.62	0.75 U	NC	0.13	0.5 U	4 U	NC	
Chloromethane	0.5 U	0.69 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	5.5 U	NC	
Vinyl Chloride	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Trichlorofluoromethane	2.4	3.9	***47.6***		1.5	1.3	14.3		1.5	1.9	23.5		0.5 U	0.5 U	NC	
1,1-Dichloroethene	5.5	12	**74.3**		4	3.7	7.8		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U	0.5 U	NC		0.28 J	0.5 U	NC	0.22	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Acetone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	7.7 J	NC	2.7
Carbon Disulfide	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Methyl Acetate	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 R	0.5 U	NC		0.5 R	0.5 U	NC	
Methylene Chloride	0.5 U	2.4 U	NC		0.5 U	0.72 U	NC		0.1 J	0.84 U	NC	0.74	0.5 U	4.8 U	NC	
trans-1,2-Dichloroethene	0.31 J	0.64 J	BRL	0.33	0.18 J	0.06 J	BRL	0.12	0.3 J	0.24 J	BRL	0.06	0.5 U	0.5 U	NC	
Methyl tert-Butyl Ether	0.31 J	0.77	BRL	0.46	0.5 U	0.5 U	NC		17	24	***34.1***		1.7	0.5 U	NC	1.2
1,1-Dichloroethane	1.5	2.5	***50.0***		0.73	0.74	1.4		0.18 J	0.22 J	BRL	0.04	0.5 U	0.5 U	NC	
cis-1,2-Dichloroethene	13	26 J	66.7		13	10	***26.1***		21	23	9.1		0.19 J	0.5 U	NC	0.31
2-Butanone	5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC		5 U	5 U	NC	
Chlorobromomethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chloroform	1.2	1.5	NC	0.3	0.5 U	0.5 U	NC		0.29 J	0.5 U	NC	0.21	0.5 U	0.5 U	NC	
1,1,1-Trichloroethane	2.6	4.8	NC	2.2	2.1	2	4.9		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Cyclohexane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Carbon Tetrachloride	0.85	1.2	NC	0.35	0.42 J	0.46 J	BRL	0.04	0.2 J	0.28 J	BRL	0.08	0.5 U	0.5 U	NC	
Benzene	0.25 J	0.32 J	BRL	0.07	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,2-Dichloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		1.3	0.5 U	NC	0.8	0.5 U	0.5 U	NC	
Trichloroethene	170	20 U	NC	**150**	160	20 U	NC	**140**	260	20 U	NC	**240**	1.6	20 U	NC	**18.4**
Methylcyclohexane	0.5 U	220	NC	**220**	0.5 U	160	NC	**160**	0.5 U	170	NC	**170**	0.5 U	0.14 J	NC	0.36
1,2-Dichloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromodichloromethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
cis-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.11 J	0.5 U	NC	0.39	0.5 U	0.5 U	NC	
4-Methyl-2-pentanone	5 U	0.5 U	NC		5 U	0.5 U	NC		5 U	0.5 U	NC		5 U	0.5 U	NC	
Toluene	0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC	
trans-1,3-Dichloropropene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,1,2-Trichloroethane	0.19 J	0.5 U	NC	0.31	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Tetrachloroethene	270	0.28 J	NC	**270**	50	0.5 U	NC	**49.5**	2	0.5 U	NC	1.5	1.3	0.5 U	NC	0.8
2-Hexanone	5 U	230	NC	**225**	5 U	58	NC	**53**	5 U	2.2	NC	2.8	5 U	0.5 U	NC	
Dibromochloromethane	0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC		0.5 U	5 U	NC	
1,2-Dibromoethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Chlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Ethylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Xylenes (total)o-xylene (Round 2)	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
m,p-Xylenes (Round 2)		0.5 U	NC			0.5 U	NC			0.5 U	NC			0.5 U	NC	
Styrene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Bromoform	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
Isopropylbenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		0.5 U	0.5 U	NC	
1,1,2,2-Tetrachloroethane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,3-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 U	NC	
1,4-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		0.5 U	0.5 U	NC	
1,2-Dichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		0.5 U	0.5 U	NC	
1,2-Dibromo-3-chloropropane	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		0.5 U	0.5 U	NC	
1,2,4-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		0.5 U	0.5 U	NC	
1,2,3-Trichlorobenzene	0.5 U	0.5 U	NC		0.5 U	0.5 U	NC		0.5 U	0.5 R	NC		0.5 U	0.5 U	NC	
VOC SIM Analysis																
1,4-Dioxane		0.5 U	NC			0.5 U	NC			0.5 R	NC			0.5 U	NC	
1,4-Dioxane		2 R	NC			2 R	NC			2 R	NC			2 R	NC	
1,2-Dibromoethane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	
1,2-Dibromo-3-chloropropane		0.05 U	NC			0.05 U	NC			0.05 U	NC			0.05 U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301906

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWX-10035-R1 3/24/2006		GWX-10035-R2 7/11/2006		RPD	ABS	GWX-8068-R1		GWX-8068-R2 7/10/2006		RPD	ABS	GWX-8474-R1 3/27/2006		GWX-8474-R2 7/10/2006		RPD	ABS	GWX-8475-R1 3/27/2006		GWX-8475-R2 7/10/2006		RPD	ABS
Dichlorodifluoromethane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloromethane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Vinyl Chloride	0.5	U	0.5	U	NC		Not		0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromomethane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroethane	0.5	U	0.5	U	NC		Collected		0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichlorofluoromethane	0.5	U	0.5	U	NC				1.2		NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethene	0.5	U	0.5	U	NC		During		17		NC		0.5	U	7.4		NC	6.9	17		20	J	16.2	3
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	NC				5.5		NC		0.48	J	1.2		BRL	0.72	2.3		4.9		72.2	
Acetone	5	U	2.8	J	NC	2.2	Round 1		5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Carbon Disulfide	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl Acetate	0.5	R	0.5	U	NC				0.5	U	NC		0.5	R	0.5	U	NC		0.5	R	0.5	U	NC	
Methylene Chloride	0.5	U	0.91	U	NC				0.5	U	NC		0.5	U	0.52	U	NC		0.5	U	0.64	U	NC	
trans-1,2-Dichloroethene	0.5	U	0.5	U	NC				0.07	J	NC		0.1	J	0.5	U	NC	0.4	0.5	U	0.5	U	NC	
Methyl tert-Butyl Ether	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethane	0.5	U	0.5	U	NC				1.2		NC		0.39	J	0.48	J	BRL	0.09	0.7		0.75		6.9	
cis-1,2-Dichloroethene	0.5	U	0.5	U	NC				5.3	J	NC		0.76		1.4	J	59.3		1.2		0.79	J	***41.2***	
2-Butanone	5	U	5	U	NC				5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Chlorobromomethane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroform	0.5	U	0.5	U	NC				3.8		NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,1-Trichloroethane	0.5	U	0.5	U	NC				4.1		NC		0.93		2.7		97.5		5.3		6.9		***26.2***	
Cyclohexane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Carbon Tetrachloride	0.5	U	0.5	U	NC				0.44	J	NC		0.5	U	0.42	J	NC	0.08	0.5	U	0.5	U	NC	
Benzene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichloroethane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichloroethene	1.2		20	U	NC	**18.8**			20	U	NC		29		20	U	NC	9	24		20	U	NC	4
Methylcyclohexane	0.5	U	0.31	J	NC	0.19			54		NC		0.5	U	25		NC	**24.5**	0.5	U	16		NC	**15.5**
1,2-Dichloropropane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromodichloromethane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,3-Dichloropropene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
4-Methyl-2-pentanone	5	U	0.5	U	NC				0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC	
Toluene	0.5	U	5	U	NC				5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
trans-1,3-Dichloropropene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloroethane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Tetrachloroethene	0.5	U	0.5	U	NC				0.18	J	NC		5.8		0.5	U	NC	5.3	5.5		0.5	U	NC	5
2-Hexanone	5	U	0.5	U	NC				170		NC		5	U	6.3		NC	1.3	5	U	3.7		NC	1.3
Dibromochloromethane	0.5	U	5	U	NC				5	U	NC		0.5	U	3	J	NC	2.5	0.5	U	5	U	NC	
1,2-Dibromoethane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chlorobenzene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Ethylbenzene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Xylenes (total)o-xylene (Round 2)	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
m,p-Xylenes (Round 2)			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
Styrene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromoform	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Isopropylbenzene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,3-Dichlorobenzene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,4-Dichlorobenzene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.02	J	NC	0.48
1,2-Dichlorobenzene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.02	J	NC	0.48
1,2-Dibromo-3-chloropropane	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,4-Trichlorobenzene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,3-Trichlorobenzene	0.5	U	0.5	U	NC				0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
VOC SIM Analysis																								
1,4-Dioxane			0.5	U	NC				0.5	U	NC				0.5	U	NC				0.5	U	NC	
1,4-Dioxane			2	R	NC				2	R	NC				2	R	NC				3.2	J	NC	3.2
1,2-Dibromoethane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	
1,2-Dibromo-3-chloropropane			0.05	U	NC				0.05	U	NC				0.05	U	NC				0.05	U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301907

Table 5b-2
Round 1 versus Round 2 -
Low Detection Limit VOCs (Sample Group 2)
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	GWX-9398-R1 3/23/2006		GWX-9398-R2 7/12/2006		RPD	ABS	GWX-9966-R1 3/24/2006		GWX-9966-R2 7/11/2006		RPD	ABS	GWX-9953-R1 3/24/2006		GWX-9953-R2 7/12/2006		RPD	ABS
Dichlorodifluoromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Vinyl Chloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichlorofluoromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Acetone	5	U	5	U	NC		5	U	5	U	NC		2.3	J	5	U	NC	2.7
Carbon Disulfide	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl Acetate	0.5	U	0.5	U	NC		0.5	R	0.5	U	NC		0.5	R	0.5	U	NC	
Methylene Chloride	0.5	U	2.4		NC	1.9	0.5	U	0.52	U	NC		0.5	U	2.2		NC	1.7
trans-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Methyl tert-Butyl Ether	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		4.2		5.3		23.2	
1,1-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,2-Dichloroethene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
2-Butanone	5	U	5	U	NC		5	U	5	U	NC		5	U	5	U	NC	
Chlorobromomethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chloroform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,1-Trichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Cyclohexane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Carbon Tetrachloride	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Benzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Trichloroethene	0.5	U	20	R	NC		0.5	U	20	U	NC		0.5	U	20	R	NC	
Methylcyclohexane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromodichloromethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
cis-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
4-Methyl-2-pentanone	5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC	
Toluene	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
trans-1,3-Dichloropropene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2-Trichloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Tetrachloroethene	0.16	J	0.5	U	NC	0.34	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
2-Hexanone	5	U	0.5	U	NC		5	U	0.5	U	NC		5	U	0.5	U	NC	
Dibromochloromethane	0.5	U	5	U	NC		0.5	U	5	U	NC		0.5	U	5	U	NC	
1,2-Dibromoethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Chlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Ethylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Xylenes (total)o-xylene (Round 2)	0.5	U	0.5	U	NC		0.5	U	0.03	J	NC	0.47	0.5	U	0.5	U	NC	
m,p-Xylenes (Round 2)			0.5	U	NC				0.2	J	NC				0.5	U	NC	
Styrene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Bromoform	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
Isopropylbenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,3-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,4-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2-Dibromo-3-chloropropane	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,4-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
1,2,3-Trichlorobenzene	0.5	U	0.5	U	NC		0.5	U	0.5	U	NC		0.5	U	0.5	U	NC	
VOC SIM Analysis																		
1,4-Dioxane			0.5	U	NC				0.5	U	NC				0.5	U	NC	
1,4-Dioxane			2	R	NC				2	R	NC				2	R	NC	
1,2-Dibromoethane			0.05	U	NC				0.05	U	NC				0.05	U	NC	
1,2-Dibromo-3-chloropropane			0.05	U	NC				0.05	U	NC				0.05	U	NC	

Units: µg/L
ABS Criteria 10 µg/L

301908

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-01-3-R1 4/13/2006	GWM-01-3-R2 7/14/2006	RPD	ABS	GWM-02-6-R1 4/10/2006	GWM-02-6-R2 7/14/2006	RPD	ABS	GWM-03-3-R1 3/28/2006	GWM-03-3-R2 7/17/2006	RPD	ABS
Benzaldehyde	µg/L	NA	10 U	5 U	NC		10 U	5 U	NC		10 UJ	5 U	NC	
Phenol	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
bis(2-Chloroethyl) ether	µg/L	1	10 U	5 U	NC		10 UJ	5 U	NC		10 U	5 U	NC	
2-Chlorophenol	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2-Methylphenol	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2,2'-oxybis(1-Chloropropane)	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Acetophenone	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
4-Methylphenol	µg/L	50	10 U	5 U	NC		10 UJ	5 U	NC		10 U	5 U	NC	
n-Nitroso-di-n-propylamine	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 UJ	5 U	NC	
Hexachloroethane	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Nitrobenzene	µg/L	0.4	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Isophorone	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2-Nitrophenol	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2,4-Dimethylphenol	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
bis(2-Chloroethoxy)methane	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2,4-Dichlorophenol	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Naphthalene	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
4-Chloroaniline	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Hexachlorobutadiene	µg/L	0.5	10 U	5 U	NC		10 U	5 U	NC		10 UJ	5 U	NC	
Caprolactam	µg/L	NA	10 U	5 U	NC		10 U	5 U	NC		10 UJ	5 U	NC	
4-Chloro-3-methylphenol	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2-Methylnaphthalene	µg/L	NA	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Hexachlorocyclopentadiene	µg/L	5	10 U	5 U	NC		10 UJ	5 U	NC		10 U	5 U	NC	
2,4,6-Trichlorophenol	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2,4,5-Trichlorophenol	µg/L	5	25 U	5 U	NC		25 U	5 U	NC		25 U	5 U	NC	
1,1'-Biphenyl	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2-Chloronaphthalene	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2-Nitroaniline	µg/L	5	25 U	10 U	NC		25 U	10 U	NC		25 U	10 U	NC	
Dimethylphthalate	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2,6-Dinitrotoluene	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
Acenaphthylene	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
3-Nitroaniline	µg/L	5	25 U	10 U	NC		25 U	10 U	NC		25 U	10 U	NC	
Acenaphthene	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2,4-Dinitrophenol	µg/L	10	25 U	10 U	NC		25 R	10 U	NC		25 UJ	10 U	NC	
4-Nitrophenol	µg/L	50	25 U	10 U	NC		25 U	10 U	NC		25 UJ	10 U	NC	
Dibenzofuran	µg/L	50	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	
2,4-Dinitrotoluene	µg/L	5	10 U	5 U	NC		10 U	5 U	NC		10 U	5 U	NC	

301909

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-01-3-R1 4/13/2006		GWM-01-3-R2 7/14/2006		RPD	ABS	GWM-02-6-R1 4/10/2006		GWM-02-6-R2 7/14/2006		RPD	ABS	GWM-03-3-R1 3/28/2006		GWM-03-3-R2 7/17/2006		RPD	ABS
Diethylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Fluorene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Chlorophenyl-phenylether	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Nitroaniline	µg/L	5	25	U	10	U	NC		25	U	10	U	NC		25	UJ	10	U	NC	
4,6-Dinitro-2-methylphenol	µg/L	50	25	U	10	U	NC		25	UJ	10	U	NC		25	U	10	U	NC	
n-Nitrosodiphenylamine	µg/L	50	10	UJ	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Bromophenyl-phenylether	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Hexachlorobenzene	µg/L	0.04	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Atrazine	µg/L	3	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Pentachlorophenol	µg/L	1	25	U	10	U	NC		25	U	10	U	NC		25	U	10	U	NC	
Phenanthrene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Anthracene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Carbazole	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Di-n-butylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Fluoranthene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Pyrene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Butylbenzylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
3,3'-Dichlorobenzidine	µg/L	5	10	UJ	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(a)anthracene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Chrysene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
bis(2-Ethylhexyl) phthalate	µg/L	5	10	U	5	U	NC		10	UJ	5	U	NC		10	U	5	U	NC	
Di-n-octylphthalate	µg/L	50	10	U	5	U	NC		10	UJ	5	U	NC		10	U	5	U	NC	
Benzo(b)fluoranthene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(k)fluoranthene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	UJ	5	U	NC	
Benzo(a)pyrene	µg/L	0.2	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10	UJ	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Dibenz(a,h)anthracene	µg/L	50	10	UJ	5	U	NC		10	U	0.33	J	NC	9.67	10	U	5	U	NC	
Benzo(g,h,i)perylene	µg/L	50	10	UJ	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Chlorophenols	µg/L				5	U	NC				5	U	NC				5	U	NC	

301910

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-04-7-R1 4/11/2006		GWM-04-7-R2 7/17/2006		RPD	ABS	GWM-05-6-R1 4/14/2006		GWM-05-6-R2 7/18/2006		RPD	ABS	GWM-06-5-R1 3/30/2006		GWM-06-5-R2 7/20/2006		RPD	ABS
Benzaldehyde	µg/L	NA	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Phenol	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		6		5	U	NC	1.0
bis(2-Chloroethyl) ether	µg/L	1	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2-Chlorophenol	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2-Methylphenol	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2,2'-oxybis(1-Chloropropane)	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Acetophenone	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
4-Methylphenol	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		56		5	U	NC	**51.0**
n-Nitroso-di-n-propylamine	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Hexachloroethane	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Nitrobenzene	µg/L	0.4	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Isophorone	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2-Nitrophenol	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2,4-Dimethylphenol	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
bis(2-Chloroethoxy)methane	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2,4-Dichlorophenol	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Naphthalene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
4-Chloroaniline	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Hexachlorobutadiene	µg/L	0.5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Caprolactam	µg/L	NA	10	U	5	U	NC		11	U	5	R	NC		10	UJ	5	U	NC	
4-Chloro-3-methylphenol	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2-Methylnaphthalene	µg/L	NA	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Hexachlorocyclopentadiene	µg/L	5	10	UJ	5	U	NC		11	U	5	R	NC		10	UJ	5	U	NC	
2,4,6-Trichlorophenol	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2,4,5-Trichlorophenol	µg/L	5	25	U	5	U	NC		28	U	5	R	NC		26	U	5	U	NC	
1,1'-Biphenyl	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2-Chloronaphthalene	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2-Nitroaniline	µg/L	5	25	U	10	U	NC		28	U	10	R	NC		26	U	10	U	NC	
Dimethylphthalate	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2,6-Dinitrotoluene	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Acenaphthylene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
3-Nitroaniline	µg/L	5	25	U	10	U	NC		28	U	10	R	NC		26	UJ	10	U	NC	
Acenaphthene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2,4-Dinitrophenol	µg/L	10	25	R	10	U	NC		28	U	10	R	NC		26	UJ	10	U	NC	
4-Nitrophenol	µg/L	50	25	UJ	10	U	NC		28	U	10	R	NC		26	U	10	U	NC	
Dibenzofuran	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
2,4-Dinitrotoluene	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	UJ	5	U	NC	

301911

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-04-7-R1 4/11/2006		GWM-04-7-R2 7/17/2006		RPD	ABS	GWM-05-6-R1 4/14/2006		GWM-05-6-R2 7/18/2006		RPD	ABS	GWM-06-5-R1 3/30/2006		GWM-06-5-R2 7/20/2006		RPD	ABS
Diethylphthalate	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	UJ	5	U	NC	
Fluorene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
4-Chlorophenyl-phenylether	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
4-Nitroaniline	µg/L	5	25	U	10	U	NC		28	U	10	R	NC		26	UJ	10	U	NC	
4,6-Dinitro-2-methylphenol	µg/L	50	25	UJ	10	U	NC		28	U	10	R	NC		26	U	10	U	NC	
n-Nitrosodiphenylamine	µg/L	50	10	U	5	U	NC		11	UJ	5	R	NC		10	U	5	U	NC	
4-Bromophenyl-phenylether	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Hexachlorobenzene	µg/L	0.04	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Atrazine	µg/L	3	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Pentachlorophenol	µg/L	1	25	U	10	U	NC		28	U	10	R	NC		26	U	10	U	NC	
Phenanthrene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Anthracene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Carbazole	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Di-n-butylphthalate	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Fluoranthene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Pyrene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Butylbenzylphthalate	µg/L	50	10	UJ	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
3,3'-Dichlorobenzidine	µg/L	5	10	U	5	U	NC		11	UJ	5	R	NC		10	U	5	U	NC	
Benzo(a)anthracene	µg/L	0.002	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Chrysene	µg/L	0.002	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
bis(2-Ethylhexyl) phthalate	µg/L	5	10	UJ	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Di-n-octylphthalate	µg/L	50	10	UJ	5	U	NC		11	U	5	R	NC		10	UJ	5	U	NC	
Benzo(b)fluoranthene	µg/L	0.002	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Benzo(k)fluoranthene	µg/L	0.002	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Benzo(a)pyrene	µg/L	0.2	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10	U	5	U	NC		11	UJ	5	R	NC		10	U	5	U	NC	
Dibenz(a,h)anthracene	µg/L	50	10	U	5	U	NC		11	UJ	5	R	NC		10	U	5	U	NC	
Benzo(g,h,i)perylene	µg/L	50	10	U	5	U	NC		11	UJ	5	R	NC		10	UJ	5	U	NC	
Chlorophenols	µg/L				5	U	NC				5	R	NC				5	U	NC	

301912

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-07-2-R1 4/4/2006	GWM-07-2-R2 7/12/2006	RPD	ABS	GWM-08-4-R1 4/6/2006	GWM-08-4-R2 7/18/2006	RPD	ABS	GWP-10-R1 3/23/2006	GWP-10-R2 7/10/2006	RPD	ABS
Benzaldehyde	µg/L	NA	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Phenol	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
bis(2-Chloroethyl) ether	µg/L	1	10 UJ	5 U	NC		11 UJ	5 R	NC		10 U	5 U	NC	
2-Chlorophenol	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2-Methylphenol	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2,2'-oxybis(1-Chloropropane)	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Acetophenone	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
4-Methylphenol	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
n-Nitroso-di-n-propylamine	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Hexachloroethane	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Nitrobenzene	µg/L	0.4	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Isophorone	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2-Nitrophenol	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2,4-Dimethylphenol	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
bis(2-Chloroethoxy)methane	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2,4-Dichlorophenol	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Naphthalene	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
4-Chloroaniline	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Hexachlorobutadiene	µg/L	0.5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Caprolactam	µg/L	NA	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
4-Chloro-3-methylphenol	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2-Methylnaphthalene	µg/L	NA	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Hexachlorocyclopentadiene	µg/L	5	10 UJ	5 U	NC		11 UJ	5 R	NC		10 UJ	5 U	NC	
2,4,6-Trichlorophenol	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2,4,5-Trichlorophenol	µg/L	5	26 U	5 U	NC		27 U	5 R	NC		25 U	5 U	NC	
1,1'-Biphenyl	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2-Chloronaphthalene	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2-Nitroaniline	µg/L	5	26 U	10 U	NC		27 U	10 R	NC		25 U	10 U	NC	
Dimethylphthalate	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2,6-Dinitrotoluene	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
Acenaphthylene	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
3-Nitroaniline	µg/L	5	26 U	10 U	NC		27 U	10 R	NC		25 U	10 U	NC	
Acenaphthene	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2,4-Dinitrophenol	µg/L	10	26 R	10 U	NC		27 R	10 R	NC		25 R	10 U	NC	
4-Nitrophenol	µg/L	50	26 UJ	10 U	NC		27 UJ	10 R	NC		25 U	10 U	NC	
Dibenzofuran	µg/L	50	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	
2,4-Dinitrotoluene	µg/L	5	10 U	5 U	NC		11 U	5 R	NC		10 U	5 U	NC	

301913

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-07-2-R1 4/4/2006		GWM-07-2-R2 7/12/2006		RPD	ABS	GWM-08-4-R1 4/6/2006		GWM-08-4-R2 7/18/2006		RPD	ABS	GWP-10-R1 3/23/2006		GWP-10-R2 7/10/2006		RPD	ABS
Diethylphthalate	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Fluorene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
4-Chlorophenyl-phenylether	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
4-Nitroaniline	µg/L	5	26	U	10	U	NC		27	U	10	R	NC		25	UJ	10	U	NC	
4,6-Dinitro-2-methylphenol	µg/L	50	26	R	10	U	NC		27	R	10	R	NC		25	UJ	10	U	NC	
n-Nitrosodiphenylamine	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
4-Bromophenyl-phenylether	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Hexachlorobenzene	µg/L	0.04	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Atrazine	µg/L	3	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Pentachlorophenol	µg/L	1	26	UJ	10	U	NC		27	UJ	10	R	NC		25	U	10	U	NC	
Phenanthrene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Anthracene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Carbazole	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Di-n-butylphthalate	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Fluoranthene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Pyrene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Butylbenzylphthalate	µg/L	50	10	UJ	5	U	NC		11	UJ	5	R	NC		10	U	5	U	NC	
3,3'-Dichlorobenzidine	µg/L	5	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Benzo(a)anthracene	µg/L	0.002	10	U	5	U	NC		11	U	5	R	NC		10	U	0.2	J	NC	9.8
Chrysene	µg/L	0.002	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
bis(2-Ethylhexyl) phthalate	µg/L	5	10	UJ	5	U	NC		11	UJ	5	R	NC		10	U	5	U	NC	
Di-n-octylphthalate	µg/L	50	10	UJ	5	U	NC		11	UJ	5	R	NC		10	UJ	0.25	J	NC	9.75
Benzo(b)fluoranthene	µg/L	0.002	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Benzo(k)fluoranthene	µg/L	0.002	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Benzo(a)pyrene	µg/L	0.2	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10	U	5	U	NC		11	U	5	R	NC		10	U	5	U	NC	
Dibenz(a,h)anthracene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	UJ	5	U	NC	
Benzo(g,h,i)perylene	µg/L	50	10	U	5	U	NC		11	U	5	R	NC		10	UJ	5	U	NC	
Chlorophenols	µg/L				5	U	NC				5	R	NC				5	U	NC	

301914

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWP-11-R1 3/23/2006		GWP-11-R2 7/10/2006		RPD	ABS	GWX-10019-R1 3/22/2006		GWX-10019-R2 7/11/2006		RPD	ABS	GWX-10020-R1 3/23/2006		GWX-10020-R2 7/10/2006		RPD	ABS
Benzaldehyde	µg/L	NA	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Phenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
bis(2-Chloroethyl) ether	µg/L	1	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Chlorophenol	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Methylphenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,2'-oxybis(1-Chloropropane)	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Acetophenone	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Methylphenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
n-Nitroso-di-n-propylamine	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Hexachloroethane	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Nitrobenzene	µg/L	0.4	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Isophorone	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Nitrophenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4-Dimethylphenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
bis(2-Chloroethoxy)methane	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4-Dichlorophenol	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Naphthalene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	UJ	NC	
4-Chloroaniline	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Hexachlorobutadiene	µg/L	0.5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Caprolactam	µg/L	NA	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Chloro-3-methylphenol	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Methylnaphthalene	µg/L	NA	10	U	5	U	NC		10	U	5	U	NC		10	U	5	UJ	NC	
Hexachlorocyclopentadiene	µg/L	5	10	UJ	5	U	NC		10	UJ	5	U	NC		10	U	5	U	NC	
2,4,6-Trichlorophenol	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4,5-Trichlorophenol	µg/L	5	25	U	5	U	NC		25	U	5	U	NC		25	U	5	U	NC	
1,1'-Biphenyl	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Chloronaphthalene	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	UJ	NC	
2-Nitroaniline	µg/L	5	25	U	10	U	NC		25	U	10	U	NC		25	U	10	U	NC	
Dimethylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,6-Dinitrotoluene	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Acenaphthylene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	UJ	NC	
3-Nitroaniline	µg/L	5	25	U	10	U	NC		25	U	10	U	NC		25	U	10	U	NC	
Acenaphthene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	UJ	NC	
2,4-Dinitrophenol	µg/L	10	25	R	10	U	NC		25	R	10	U	NC		25	R	10	U	NC	
4-Nitrophenol	µg/L	50	25	U	10	U	NC		25	U	10	U	NC		25	U	10	U	NC	
Dibenzofuran	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4-Dinitrotoluene	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	

301915

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWP-11-R1 3/23/2006		GWP-11-R2 7/10/2006		RPD	ABS	GWX-10019-R1 3/22/2006		GWX-10019-R2 7/11/2006		RPD	ABS	GWX-10020-R1 3/23/2006		GWX-10020-R2 7/10/2006		RPD	ABS
Diethylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	0.22	J	NC	9.78
Fluorene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Chlorophenyl-phenylether	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Nitroaniline	µg/L	5	25	UJ	10	U	NC		25	UJ	10	U	NC		25	U	10	U	NC	
4,6-Dinitro-2-methylphenol	µg/L	50	25	UJ	10	U	NC		25	UJ	10	U	NC		25	U	10	U	NC	
n-Nitrosodiphenylamine	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Bromophenyl-phenylether	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Hexachlorobenzene	µg/L	0.04	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Atrazine	µg/L	3	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Pentachlorophenol	µg/L	1	25	U	10	U	NC		25	U	10	U	NC		25	U	10	U	NC	
Phenanthrene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Anthracene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Carbazole	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Di-n-butylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Fluoranthene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Pyrene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Butylbenzylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
3,3'-Dichlorobenzidine	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(a)anthracene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Chrysene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
bis(2-Ethylhexyl) phthalate	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Di-n-octylphthalate	µg/L	50	10	UJ	5	U	NC		10	UJ	5	U	NC		10	U	5	U	NC	
Benzo(b)fluoranthene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(k)fluoranthene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(a)pyrene	µg/L	0.2	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Dibenz(a,h)anthracene	µg/L	50	10	UJ	5	U	NC		10	UJ	5	U	NC		10	U	5	U	NC	
Benzo(g,h,i)perylene	µg/L	50	10	UJ	5	U	NC		10	UJ	5	U	NC		10	U	5	U	NC	
Chlorophenols	µg/L				5	U	NC				5	U	NC				5	U	NC	

301916

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWX-10035-R1 3/24/2006	GWX-10035-R2 7/11/2006	RPD	ABS		GWX-8068-R2 7/10/2006	RPD	ABS	GWX-8474-R1 3/27/2006	GWX-8474-R2 7/10/2006	RPD	ABS
Benzaldehyde	µg/L	NA	10 U	5 U	NC			5 U	NC		10 UJ	5 U	NC	
Phenol	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
bis(2-Chloroethyl) ether	µg/L	1	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2-Chlorophenol	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2-Methylphenol	µg/L	50	10 U	5 U	NC		No	5 U	NC		10 U	5 U	NC	
2,2'-oxybis(1-Chloropropane)	µg/L	5	10 U	5 U	NC		sample	5 U	NC		10 U	5 U	NC	
Acetophenone	µg/L	50	10 U	5 U	NC		collected	5 U	NC		10 U	5 U	NC	
4-Methylphenol	µg/L	50	10 U	5 U	NC		in	5 U	NC		10 U	5 U	NC	
n-Nitroso-di-n-propylamine	µg/L	50	10 UJ	5 U	NC		round 1	5 U	NC		10 UJ	5 U	NC	
Hexachloroethane	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Nitrobenzene	µg/L	0.4	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Isophorone	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2-Nitrophenol	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2,4-Dimethylphenol	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
bis(2-Chloroethoxy)methane	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2,4-Dichlorophenol	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Naphthalene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
4-Chloroaniline	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Hexachlorobutadiene	µg/L	0.5	10 UJ	5 U	NC			5 U	NC		10 UJ	5 U	NC	
Caprolactam	µg/L	NA	10 UJ	5 U	NC			5 U	NC		10 UJ	5 U	NC	
4-Chloro-3-methylphenol	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2-Methylnaphthalene	µg/L	NA	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Hexachlorocyclopentadiene	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2,4,6-Trichlorophenol	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2,4,5-Trichlorophenol	µg/L	5	25 U	5 U	NC			5 U	NC		25 U	5 U	NC	
1,1'-Biphenyl	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2-Chloronaphthalene	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2-Nitroaniline	µg/L	5	25 U	10 U	NC			10 U	NC		25 U	10 U	NC	
Dimethylphthalate	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2,6-Dinitrotoluene	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Acenaphthylene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
3-Nitroaniline	µg/L	5	25 U	10 U	NC			10 U	NC		25 U	10 U	NC	
Acenaphthene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2,4-Dinitrophenol	µg/L	10	25 UJ	10 U	NC			10 U	NC		25 UJ	10 U	NC	
4-Nitrophenol	µg/L	50	25 U	10 U	NC			10 U	NC		25 UJ	10 U	NC	
Dibenzofuran	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
2,4-Dinitrotoluene	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	

301917

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code Sample Name Sample Date	Site-Specific Groundwater Screening Criteria	GWX-10035-R1 3/24/2006	GWX-10035-R2 7/11/2006	RPD	ABS		GWX-8068-R2 7/10/2006	RPD	ABS	GWX-8474-R1 3/27/2006	GWX-8474-R2 7/10/2006	RPD	ABS
Diethylphthalate	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Fluorene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
4-Chlorophenyl-phenylether	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
4-Nitroaniline	µg/L	5	25 UJ	10 U	NC			10 U	NC		25 UJ	10 U	NC	
4,6-Dinitro-2-methylphenol	µg/L	50	25 U	10 U	NC			10 U	NC		25 U	10 U	NC	
n-Nitrosodiphenylamine	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
4-Bromophenyl-phenylether	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Hexachlorobenzene	µg/L	0.04	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Atrazine	µg/L	3	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Pentachlorophenol	µg/L	1	25 U	10 U	NC			10 U	NC		25 U	10 U	NC	
Phenanthrene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Anthracene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Carbazole	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Di-n-butylphthalate	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Fluoranthene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Pyrene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Butylbenzylphthalate	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
3,3'-Dichlorobenzidine	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Benzo(a)anthracene	µg/L	0.002	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Chrysene	µg/L	0.002	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
bis(2-Ethylhexyl) phthalate	µg/L	5	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Di-n-octylphthalate	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Benzo(b)fluoranthene	µg/L	0.002	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Benzo(k)fluoranthene	µg/L	0.002	10 U	5 U	NC			5 U	NC		10 UJ	5 U	NC	
Benzo(a)pyrene	µg/L	0.2	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Dibenz(a,h)anthracene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Benzo(g,h,i)perylene	µg/L	50	10 U	5 U	NC			5 U	NC		10 U	5 U	NC	
Chlorophenols	µg/L			5 U	NC			5 U	NC			5 U	NC	

301918

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWX-8475-R1 3/27/2006		GWX-8475-R2 7/10/2006		RPD	ABS	GWX-9398-R1 3/23/2006		GWX-9398-R2 7/12/2006		RPD	ABS	GWX-9966-R1 3/24/2006		GWX-9966-R2 7/11/2006		RPD	ABS
Benzaldehyde	µg/L	NA	10	UJ	5	U	NC		10	U	10	U	NC		10	U	5	U	NC	
Phenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
bis(2-Chloroethyl) ether	µg/L	1	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Chlorophenol	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Methylphenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,2'-oxybis(1-Chloropropane)	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Acetophenone	µg/L	50	10	U	5	U	NC		10	U	10	U	NC		10	U	5	U	NC	
4-Methylphenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
n-Nitroso-di-n-propylamine	µg/L	50	10	UJ	5	U	NC		10	U	5	U	NC		10	UJ	5	U	NC	
Hexachloroethane	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Nitrobenzene	µg/L	0.4	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Isophorone	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Nitrophenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4-Dimethylphenol	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
bis(2-Chloroethoxy)methane	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4-Dichlorophenol	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Naphthalene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Chloroaniline	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Hexachlorobutadiene	µg/L	0.5	10	UJ	5	U	NC		10	U	5	U	NC		10	UJ	5	U	NC	
Caprolactam	µg/L	NA	10	UJ	5	U	NC		10	U	5	U	NC		10	UJ	5	U	NC	
4-Chloro-3-methylphenol	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Methylnaphthalene	µg/L	NA	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Hexachlorocyclopentadiene	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4,6-Trichlorophenol	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4,5-Trichlorophenol	µg/L	5	25	U	5	U	NC		25	U	5	U	NC		25	U	5	U	NC	
1,1'-Biphenyl	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2-Chloronaphthalene	µg/L	5	10	U	5	U	NC		10	U	0.18		NC	9.8	10	U	5	U	NC	
2-Nitroaniline	µg/L	5	25	U	10	U	NC		25	U	10	U	NC		25	U	10	U	NC	
Dimethylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,6-Dinitrotoluene	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Acenaphthylene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
3-Nitroaniline	µg/L	5	25	U	10	U	NC		25	U	10	U	NC		25	U	10	UJ	NC	
Acenaphthene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4-Dinitrophenol	µg/L	10	25	UJ	10	U	NC		25	R	10	U	NC		25	UJ	10	U	NC	
4-Nitrophenol	µg/L	50	25	UJ	10	U	NC		25	U	10	U	NC		25	U	10	U	NC	
Dibenzofuran	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
2,4-Dinitrotoluene	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	

301919

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWX-8475-R1 3/27/2006		GWX-8475-R2 7/10/2006		RPD	ABS	GWX-9398-R1 3/23/2006		GWX-9398-R2 7/12/2006		RPD	ABS	GWX-9966-R1 3/24/2006		GWX-9966-R2 7/11/2006		RPD	ABS
Diethylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Fluorene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Chlorophenyl-phenylether	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Nitroaniline	µg/L	5	25	UJ	10	U	NC		25	UJ	10	U	NC		25	UJ	10	U	NC	
4,6-Dinitro-2-methylphenol	µg/L	50	25	U	10	U	NC		25	UJ	10	U	NC		25	U	10	U	NC	
n-Nitrosodiphenylamine	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
4-Bromophenyl-phenylether	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	0.1	U	NC	
Hexachlorobenzene	µg/L	0.04	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Atrazine	µg/L	3	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Pentachlorophenol	µg/L	1	25	U	10	U	NC		25	U	10	U	NC		25	U	10	U	NC	
Phenanthrene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Anthracene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Carbazole	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Di-n-butylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Fluoranthene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Pyrene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Butylbenzylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
3,3'-Dichlorobenzidine	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(a)anthracene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Chrysene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
bis(2-Ethylhexyl) phthalate	µg/L	5	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Di-n-octylphthalate	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(b)fluoranthene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(k)fluoranthene	µg/L	0.002	10	UJ	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(a)pyrene	µg/L	0.2	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Dibenz(a,h)anthracene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Benzo(g,h,i)perylene	µg/L	50	10	U	5	U	NC		10	U	5	U	NC		10	U	5	U	NC	
Chlorophenols	µg/L				5	U	NC				5	U	NC				5	U	NC	

301920

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code Sample Name Sample Date	Site-Specific Groundwater Screening Criteria	GWX-9953-R1 3/24/2006		GWX-9953-R2 7/12/2006		RPD	ABS
Benzaldehyde	µg/L	NA	10	U	5	U	NC	
Phenol	µg/L	50	10	U	5	U	NC	
bis(2-Chloroethyl) ether	µg/L	1	10	U	5	U	NC	
2-Chlorophenol	µg/L	5	10	U	5	U	NC	
2-Methylphenol	µg/L	50	10	U	5	U	NC	
2,2'-oxybis(1-Chloropropane)	µg/L	5	10	U	5	U	NC	
Acetophenone	µg/L	50	10	U	5	U	NC	
4-Methylphenol	µg/L	50	10	U	5	U	NC	
n-Nitroso-di-n-propylamine	µg/L	50	10	UJ	5	U	NC	
Hexachloroethane	µg/L	5	10	U	5	U	NC	
Nitrobenzene	µg/L	0.4	10	U	5	U	NC	
Isophorone	µg/L	50	10	U	5	U	NC	
2-Nitrophenol	µg/L	50	10	U	5	U	NC	
2,4-Dimethylphenol	µg/L	50	10	U	5	U	NC	
bis(2-Chloroethoxy)methane	µg/L	5	10	U	5	U	NC	
2,4-Dichlorophenol	µg/L	5	10	U	5	U	NC	
Naphthalene	µg/L	50	10	U	5	U	NC	
4-Chloroaniline	µg/L	5	10	U	5	U	NC	
Hexachlorobutadiene	µg/L	0.5	10	UJ	5	U	NC	
Caprolactam	µg/L	NA	10	UJ	5	U	NC	
4-Chloro-3-methylphenol	µg/L	5	10	U	5	U	NC	
2-Methylnaphthalene	µg/L	NA	10	U	5	U	NC	
Hexachlorocyclopentadiene	µg/L	5	10	U	5	U	NC	
2,4,6-Trichlorophenol	µg/L	5	10	U	5	U	NC	
2,4,5-Trichlorophenol	µg/L	5	25	U	5	U	NC	
1,1'-Biphenyl	µg/L	5	10	U	5	U	NC	
2-Chloronaphthalene	µg/L	5	10	U	5	U	NC	
2-Nitroaniline	µg/L	5	25	U	10	U	NC	
Dimethylphthalate	µg/L	50	10	U	5	U	NC	
2,6-Dinitrotoluene	µg/L	5	10	U	5	U	NC	
Acenaphthylene	µg/L	50	10	U	5	U	NC	
3-Nitroaniline	µg/L	5	25	U	10	U	NC	
Acenaphthene	µg/L	50	10	U	5	U	NC	
2,4-Dinitrophenol	µg/L	10	25	UJ	10	U	NC	
4-Nitrophenol	µg/L	50	25	U	10	U	NC	
Dibenzofuran	µg/L	50	10	U	5	U	NC	
2,4-Dinitrotoluene	µg/L	5	10	U	5	U	NC	

301921

Table 5b-3
Round 1 versus Round 2 - SVOCs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code Sample Name Sample Date	Site-Specific Groundwater Screening Criteria	GWX-9953-R1 3/24/2006		GWX-9953-R2 7/12/2006		RPD	ABS
Diethylphthalate	µg/L	50	10	U	5	U	NC	
Fluorene	µg/L	50	10	U	5	U	NC	
4-Chlorophenyl-phenylether	µg/L	50	10	U	5	U	NC	
4-Nitroaniline	µg/L	5	25	UJ	10	U	NC	
4,6-Dinitro-2-methylphenol	µg/L	50	25	U	10	U	NC	
n-Nitrosodiphenylamine	µg/L	50	10	U	5	U	NC	
4-Bromophenyl-phenylether	µg/L	50	10	U	5	U	NC	
Hexachlorobenzene	µg/L	0.04	10	U	5	U	NC	
Atrazine	µg/L	3	10	U	5	U	NC	
Pentachlorophenol	µg/L	1	25	U	10	U	NC	
Phenanthrene	µg/L	50	10	U	5	U	NC	
Anthracene	µg/L	50	10	U	5	U	NC	
Carbazole	µg/L	50	10	U	5	U	NC	
Di-n-butylphthalate	µg/L	50	10	U	5	U	NC	
Fluoranthene	µg/L	50	10	U	5	U	NC	
Pyrene	µg/L	50	10	U	5	U	NC	
Butylbenzylphthalate	µg/L	50	10	U	5	U	NC	
3,3'-Dichlorobenzidine	µg/L	5	10	U	5	U	NC	
Benzo(a)anthracene	µg/L	0.002	10	U	5	U	NC	
Chrysene	µg/L	0.002	10	U	5	U	NC	
bis(2-Ethylhexyl) phthalate	µg/L	5	10	U	14		NC	4.0
Di-n-octylphthalate	µg/L	50	10	U	5	U	NC	
Benzo(b)fluoranthene	µg/L	0.002	10	U	5	U	NC	
Benzo(k)fluoranthene	µg/L	0.002	10	U	5	U	NC	
Benzo(a)pyrene	µg/L	0.2	10	U	5	U	NC	
Indeno(1,2,3-cd)pyrene	µg/L	0.002	10	U	5	U	NC	
Dibenz(a,h)anthracene	µg/L	50	10	U	5	U	NC	
Benzo(g,h,i)perylene	µg/L	50	10	U	5	U	NC	
Chlorophenols	µg/L				5	U	NC	

301922

Table 5b-4
Round 1 versus Round 2 - Pesticides/PCBs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code Sample Name Sample Date	Site-Specific Groundwater Screening Criteria	GWM-01-3-R1 4/13/2006		GWM-01-3-R2 7/14/2006		RPD	ABS	GWM-02-6-R1 4/10/2006		GWM-02-6-R2 7/14/2006		RPD	ABS	GWM-03-3-R1 3/28/2006		GWM-03-3-R2 7/17/2006		RPD	ABS
Aroclor-1016	µg/L	0.09	1.1	U	1	U	NC	0.1	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1221	µg/L	0.09	2.1	U	1	U	NC	1.1	2	U	1	U	NC	1.0	2	U	1	U	NC	1.0
Aroclor-1232	µg/L	0.09	1.1	U	1	U	NC	0.1	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1242	µg/L	0.09	1.1	U	1	U	NC	0.1	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1248	µg/L	0.09	1.1	U	1	U	NC	0.1	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1254	µg/L	0.09	1.1	U	1	U	NC	0.1	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1260	µg/L	0.09	1.1	U	1	U	NC	0.1	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1262	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	U	NC	NC
Aroclor-1268	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	U	NC	NC
Pesticides/PCBs																				
alpha-BHC	µg/L	0.01	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
beta-BHC	µg/L	0.04	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
delta-BHC	µg/L	0.04	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
gamma-BHC (Lindane)	µg/L	0.05	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor	µg/L	0.04	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Aldrin	µg/L	5	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor epoxide	µg/L	0.03	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Endosulfan I	µg/L	50	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Dieldrin	µg/L	0.004	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDE	µg/L	0.2	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin	µg/L	2	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan II	µg/L	50	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDD	µg/L	0.3	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan sulfate	µg/L	50	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDT	µg/L	0.2	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Methoxychlor	µg/L	35	0.53	U	0.5	U	NC	0.0	0.5	U	0.5	U	NC	0.0	0.5	U	0.5	U	NC	0.0
Endrin ketone	µg/L	5	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin aldehyde	µg/L	5	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
alpha-Chlordane	µg/L	0.05	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
gamma-Chlordane	µg/L	0.05	0.053	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Toxaphene	µg/L	0.06	5.3	U	5	U	NC	0.3	5	U	5	U	NC	0.0	5	U	5	U	NC	0.0

301923

Table 5b-4
Round 1 versus Round 2 - Pesticides/PCBs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-04-7-R1 4/11/2006		GWM-04-7-R2 7/17/2006		RPD	ABS	GWM-05-6-R1 4/14/2006		GWM-05-6-R2 7/18/2006		RPD	ABS	GWM-06-5-R1 3/30/2006		GWM-06-5-R2 7/20/2006		RPD	ABS
Aroclor-1016	µg/L	0.09	1	U	1	U	NC	0.0	1.1	U	1	U	NC	0.1	1	U	1	UJ	NC	0.0
Aroclor-1221	µg/L	0.09	2	U	1	U	NC	1.0	2.2	U	1	U	NC	1.2	2	U	1	UJ	NC	1.0
Aroclor-1232	µg/L	0.09	1	U	1	U	NC	0.0	1.1	U	1	U	NC	0.1	1	U	1	UJ	NC	0.0
Aroclor-1242	µg/L	0.09	1	U	1	U	NC	0.0	1.1	U	1	U	NC	0.1	1	U	1	UJ	NC	0.0
Aroclor-1248	µg/L	0.09	1	U	1	U	NC	0.0	1.1	U	1	U	NC	0.1	1	U	1	UJ	NC	0.0
Aroclor-1254	µg/L	0.09	1	U	1	U	NC	0.0	1.1	U	1	U	NC	0.1	1	U	1	UJ	NC	0.0
Aroclor-1260	µg/L	0.09	1	U	1	U	NC	0.0	1.1	U	1	U	NC	0.1	1	U	1	UJ	NC	0.0
Aroclor-1262	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	UJ	NC	NC
Aroclor-1268	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	UJ	NC	NC
Pesticides/PCBs																				
alpha-BHC	µg/L	0.01	0.05	U	0.05	U	NC	0.0	0.054	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
beta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.054	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
delta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.054	U	0.05	UJ	NC	0.0	0.05	U	0.05	UJ	NC	0.0
gamma-BHC (Lindane)	µg/L	0.05	0.05	U	0.05	U	NC	0.0	0.054	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.054	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Aldrin	µg/L	5	0.05	U	0.05	U	NC	0.0	0.054	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor epoxide	µg/L	0.03	0.05	U	0.05	U	NC	0.0	0.054	UJ	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Endosulfan I	µg/L	50	0.05	U	0.05	U	NC	0.0	0.054	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Dieldrin	µg/L	0.004	0.1	U	0.1	U	NC	0.0	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDE	µg/L	0.2	0.1	U	0.1	U	NC	0.0	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin	µg/L	2	0.1	U	0.1	U	NC	0.0	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan II	µg/L	50	0.1	U	0.1	U	NC	0.0	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDD	µg/L	0.3	0.1	U	0.1	U	NC	0.0	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan sulfate	µg/L	50	0.1	U	0.1	U	NC	0.0	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDT	µg/L	0.2	0.1	U	0.1	U	NC	0.0	0.11	U	0.1	UJ	NC	0.0	0.1	U	0.1	UJ	NC	0.0
Methoxychlor	µg/L	35	0.5	U	0.5	U	NC	0.0	0.54	U	0.5	U	NC	0.0	0.5	U	0.5	U	NC	0.0
Endrin ketone	µg/L	5	0.1	U	0.1	U	NC	0.0	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin aldehyde	µg/L	5	0.1	U	0.1	U	NC	0.0	0.11	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
alpha-Chlordane	µg/L	0.05	0.05	U	0.05	U	NC	0.0	0.054	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
gamma-Chlordane	µg/L	0.05	0.05	U	0.05	U	NC	0.0	0.054	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Toxaphene	µg/L	0.06	5	U	5	U	NC	0.0	5.4	U	5	U	NC	0.4	5	U	5	U	NC	0.0

301924

Table 5b-4
Round 1 versus Round 2 - Pesticides/PCBs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWM-07-2-R1 4/4/2006		GWM-07-2-R2 7/12/2006		RPD	ABS	GWM-08-4-R1 4/6/2006		GWM-08-4-R2 7/18/2006		RPD	ABS	GWP-10-R1 3/23/2006		GWP-10-R2 7/10/2006		RPD	ABS
Aroclor-1016	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1221	µg/L	0.09	2	U	1	U	NC	1.0	2	U	1	U	NC	1.0	2	U	1	U	NC	1.0
Aroclor-1232	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1242	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1248	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1254	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1260	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1262	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	U	NC	NC
Aroclor-1268	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	U	NC	NC
Pesticides/PCBs																				
alpha-BHC	µg/L	0.01	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
beta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
delta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	UJ	NC	0.0	0.05	U	0.05	U	NC	0.0
gamma-BHC (Lindane)	µg/L	0.05	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Aldrin	µg/L	5	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor epoxide	µg/L	0.03	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Endosulfan I	µg/L	50	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Dieldrin	µg/L	0.004	0.073	J	0.038	J		0.04	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDE	µg/L	0.2	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin	µg/L	2	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan II	µg/L	50	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDD	µg/L	0.3	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan sulfate	µg/L	50	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDT	µg/L	0.2	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	UJ	NC	0.0	0.1	U	0.1	U	NC	0.0
Methoxychlor	µg/L	35	0.5	U	0.5	U	NC	0.0	0.5	U	0.5	U	NC	0.0	0.5	U	0.5	U	NC	0.0
Endrin ketone	µg/L	5	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin aldehyde	µg/L	5	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
alpha-Chlordane	µg/L	0.05	0.043	J	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
gamma-Chlordane	µg/L	0.05	0.022	J	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Toxaphene	µg/L	0.06	5	U	5	U	NC	0.0	5	U	5	U	NC	0.0	5	U	5	U	NC	0.0

301925

Table 5b-4
Round 1 versus Round 2 - Pesticides/PCBs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWP-11-R1 3/23/2006		GWP-11-R2 7/10/2006		RPD	ABS	GWX-10019-R1 3/22/2006		GWX-10019-R2 7/11/2006		RPD	ABS	GWX-10020-R1 3/23/2006		GWX-10020-R2 7/10/2006		RPD	ABS
Aroclor-1016	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1221	µg/L	0.09	2	U	1	U	NC	1.0	2	U	1	U	NC	1.0	2	U	1	U	NC	1.0
Aroclor-1232	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1242	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1248	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1254	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1260	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1262	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	U	NC	NC
Aroclor-1268	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	U	NC	NC
Pesticides/PCBs																				
alpha-BHC	µg/L	0.01	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
beta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
delta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
gamma-BHC (Lindane)	µg/L	0.05	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Aldrin	µg/L	5	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor epoxide	µg/L	0.03	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Endosulfan I	µg/L	50	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Dieldrin	µg/L	0.004	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDE	µg/L	0.2	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin	µg/L	2	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan II	µg/L	50	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDD	µg/L	0.3	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan sulfate	µg/L	50	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDT	µg/L	0.2	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Methoxychlor	µg/L	35	0.5	U	0.5	U	NC	0.0	0.5	U	0.5	U	NC	0.0	0.5	U	0.5	U	NC	0.0
Endrin ketone	µg/L	5	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin aldehyde	µg/L	5	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
alpha-Chlordane	µg/L	0.05	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
gamma-Chlordane	µg/L	0.05	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Toxaphene	µg/L	0.06	5	U	5	U	NC	0.0	5	U	5	U	NC	0.0	5	U	5	U	NC	0.0

301926

Table 5b-4
Round 1 versus Round 2 - Pesticides/PCBs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWX-10035-R1 3/24/2006		GWX-10035-R2 7/11/2006		RPD	ABS		GWX-8068-R2 7/10/2006		RPD	ABS	GWX-8474-R1 3/27/2006		GWX-8474-R2 7/10/2006		RPD	ABS
Aroclor-1016	µg/L	0.09	1	U	1	U	NC	0.0		1	U	NC		1.1	U	1	U	NC	0.1
Aroclor-1221	µg/L	0.09	2	U	1	U	NC	1.0	No	1	U	NC		2.1	U	1	U	NC	1.1
Aroclor-1232	µg/L	0.09	1	U	1	U	NC	0.0	sample	1	U	NC		1.1	U	1	U	NC	0.1
Aroclor-1242	µg/L	0.09	1	U	1	U	NC	0.0	collected	1	U	NC		1.1	U	1	U	NC	0.1
Aroclor-1248	µg/L	0.09	1	U	1	U	NC	0.0	in	1	U	NC		1.1	U	1	U	NC	0.1
Aroclor-1254	µg/L	0.09	1	U	1	U	NC	0.0	round 1	1	U	NC		1.1	U	1	U	NC	0.1
Aroclor-1260	µg/L	0.09	1	U	1	U	NC	0.0		1	U	NC		1.1	U	1	U	NC	0.1
Aroclor-1262	µg/L	N/A			1	U	NC	NC		1	U	NC				1	U	NC	NC
Aroclor-1268	µg/L	N/A			1	U	NC	NC		1	U	NC				1	U	NC	NC
Pesticides/PCBs																			
alpha-BHC	µg/L	0.01	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
beta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
delta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
gamma-BHC (Lindane)	µg/L	0.05	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
Heptachlor	µg/L	0.04	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
Aldrin	µg/L	5	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
Heptachlor epoxide	µg/L	0.03	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
Endosulfan I	µg/L	50	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
Dieldrin	µg/L	0.004	0.1	U	0.1	U	NC	0.0		0.1	U	NC		0.11	U	0.1	U	NC	0.0
4,4'-DDE	µg/L	0.2	0.1	U	0.1	U	NC	0.0		0.1	U	NC		0.11	U	0.1	U	NC	0.0
Endrin	µg/L	2	0.1	U	0.1	U	NC	0.0		0.1	U	NC		0.11	U	0.1	U	NC	0.0
Endosulfan II	µg/L	50	0.1	U	0.1	U	NC	0.0		0.1	U	NC		0.11	U	0.1	U	NC	0.0
4,4'-DDD	µg/L	0.3	0.1	U	0.1	U	NC	0.0		0.1	U	NC		0.11	U	0.1	U	NC	0.0
Endosulfan sulfate	µg/L	50	0.1	U	0.1	U	NC	0.0		0.1	U	NC		0.11	U	0.1	U	NC	0.0
4,4'-DDT	µg/L	0.2	0.1	U	0.1	U	NC	0.0		0.1	U	NC		0.11	U	0.1	U	NC	0.0
Methoxychlor	µg/L	35	0.5	U	0.5	U	NC	0.0		0.5	U	NC		0.53	U	0.5	U	NC	0.0
Endrin ketone	µg/L	5	0.1	U	0.1	U	NC	0.0		0.1	U	NC		0.11	U	0.1	U	NC	0.0
Endrin aldehyde	µg/L	5	0.1	U	0.1	U	NC	0.0		0.1	U	NC		0.11	U	0.1	U	NC	0.0
alpha-Chlordane	µg/L	0.05	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
gamma-Chlordane	µg/L	0.05	0.05	U	0.05	U	NC	0.0		0.05	U	NC		0.053	U	0.05	U	NC	0.0
Toxaphene	µg/L	0.06	5	U	5	U	NC	0.0		5	U	NC		5.3	U	5	U	NC	0.3

301927

Table 5b-4
Round 1 versus Round 2 - Pesticides/PCBs
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York

Chemical Name	Sample Code / Sample Name / Sample Date	Site-Specific Groundwater Screening Criteria	GWX-8475-R1 3/27/2006		GWX-8475-R2 7/10/2006		RPD	ABS	GWX-9398-R1 3/23/2006		GWX-9398-R2 7/12/2006		RPD	ABS	GWX-9966-R1 3/24/2006		GWX-9966-R2 7/11/2006		RPD	ABS
Aroclor-1016	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1221	µg/L	0.09	2	U	1	U	NC	1.0	2	U	1	U	NC	1.0	2	U	1	U	NC	1.0
Aroclor-1232	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1242	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1248	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1254	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1260	µg/L	0.09	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0	1	U	1	U	NC	0.0
Aroclor-1262	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	U	NC	NC
Aroclor-1268	µg/L	N/A			1	U	NC	NC			1	U	NC	NC			1	U	NC	NC
Pesticides/PCBs																				
alpha-BHC	µg/L	0.01	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
beta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
delta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
gamma-BHC (Lindane)	µg/L	0.05	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor	µg/L	0.04	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Aldrin	µg/L	5	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Heptachlor epoxide	µg/L	0.03	0.05	U	0.05	U	NC	0.0	0.13	JN	0.05	U	NC	0.1	0.05	U	0.05	U	NC	0.0
Endosulfan I	µg/L	50	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0	0.05	U	0.05	U	NC	0.0
Dieldrin	µg/L	0.004	0.1	UJ	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDE	µg/L	0.2	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin	µg/L	2	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan II	µg/L	50	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDD	µg/L	0.3	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endosulfan sulfate	µg/L	50	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
4,4'-DDT	µg/L	0.2	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Methoxychlor	µg/L	35	0.5	U	0.5	U	NC	0.0	0.5	U	0.5	U	NC	0.0	0.5	U	0.5	U	NC	0.0
Endrin ketone	µg/L	5	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
Endrin aldehyde	µg/L	5	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0	0.1	U	0.1	U	NC	0.0
alpha-Chlordane	µg/L	0.05	0.05	UJ	0.05	U	NC	0.0	0.49	R	0.56	JN	NC	0.1	0.05	U	0.05	U	NC	0.0
gamma-Chlordane	µg/L	0.05	0.05	U	0.05	U	NC	0.0	0.86		0.99			0.1	0.05	U	0.05	U	NC	0.0
Toxaphene	µg/L	0.06	5	U	5	U	NC	0.0	5	U	5	U	NC	0.0	5	U	5	U	NC	0.0

301928

Table 5b-4

Round 1 versus Round 2 - Pesticides/PCBs

Old Roosevelt Field Contaminated Groundwater Site

Garden City, New York

Chemical Name	Sample Code Sample Name Sample Date	Site-Specific Groundwater Screening Criteria	GWX-9973-R1 3/24/2006		GWX-9953-R2 7/12/2006		RPD	ABS
Aroclor-1016	µg/L	0.09	1	U	1	U	NC	0.0
Aroclor-1221	µg/L	0.09	2	U	1	U	NC	1.0
Aroclor-1232	µg/L	0.09	1	U	1	U	NC	0.0
Aroclor-1242	µg/L	0.09	1	U	1	U	NC	0.0
Aroclor-1248	µg/L	0.09	1	U	1	U	NC	0.0
Aroclor-1254	µg/L	0.09	1	U	1	U	NC	0.0
Aroclor-1260	µg/L	0.09	1	U	1	U	NC	0.0
Aroclor-1262	µg/L	N/A			1	U	NC	NC
Aroclor-1268	µg/L	N/A			1	U	NC	NC
Pesticides/PCBs								
alpha-BHC	µg/L	0.01	0.05	U	0.05	U	NC	0.0
beta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0
delta-BHC	µg/L	0.04	0.05	U	0.05	U	NC	0.0
gamma-BHC (Lindane)	µg/L	0.05	0.05	U	0.05	U	NC	0.0
Heptachlor	µg/L	0.04	0.05	U	0.05	U	NC	0.0
Aldrin	µg/L	5	0.05	U	0.05	U	NC	0.0
Heptachlor epoxide	µg/L	0.03	0.05	U	0.026	J	NC	0.0
Endosulfan I	µg/L	50	0.05	U	0.05	U	NC	0.0
Dieldrin	µg/L	0.004	0.1	U	0.1	U	NC	0.0
4,4'-DDE	µg/L	0.2	0.1	U	0.1	U	NC	0.0
Endrin	µg/L	2	0.1	U	0.1	U	NC	0.0
Endosulfan II	µg/L	50	0.1	U	0.1	U	NC	0.0
4,4'-DDD	µg/L	0.3	0.1	U	0.1	U	NC	0.0
Endosulfan sulfate	µg/L	50	0.1	U	0.1	U	NC	0.0
4,4'-DDT	µg/L	0.2	0.1	U	0.1	U	NC	0.0
Methoxychlor	µg/L	35	0.5	U	0.5	U	NC	0.0
Endrin ketone	µg/L	5	0.1	U	0.1	U	NC	0.0
Endrin aldehyde	µg/L	5	0.1	U	0.1	U	NC	0.0
alpha-Chlordane	µg/L	0.05	0.05	U	0.05	U	NC	0.0
gamma-Chlordane	µg/L	0.05	0.05	U	0.026	J	NC	0.0
Toxaphene	µg/L	0.06	5	U	5	U	NC	0.0