N62578.AR.000292
NCBC DAVISVILLE
5090.3a

Draft Final

VOLUME I
ALLEN HARBOR LANDFILL REMEDIAL INVESTIGATION REPORT:

APPENDICES A-N

NAVAL CONSTRUCTION BATTALION CENTER
DAVISVILLE, RHODE ISLAND

Contract No. N62472-86-C-1282
June, 1994

Prepared For:
Northern Division
Naval Facilities Engineering Command
Lester, Pennsylvania

TRC
TRC Environmental Corporation

Draft Final

U.S. DEPARTMENT OF THE NAVY
INSTALLATION RESTORATION PROGRAM

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LIST OF APPENDICES

APPENDIX	
A	PHASE I, PHASE II, AND SUPPLEMENTAL PHASE II SAMPLE INDICES
B	PHASE II QA/QC DATA
C	PHASE II SOIL BORING LOGS
D	PHASE II MONITORINGING WELL LOGS
E	PHASE II GROUND WATER QUALITY PARAMETERS
F	PHASE I ANALYTICAL DATA
G	PHASE II ANALYTICAL DATA
H	SUPPLEMENTAL PHASE II ANALYTICAL DATA
I	PHASE II DATA VALIDATION
J	PHASE II PHYSICAL SOIL CHARACTERISTIC TEST RESULTS
K	PHASE II SLUG TEST ANALYSIS
L	PHASE II SLUG TEST DATA
M	TIDAL INFLUENCE WATER LEVEL MONITORING EVENTS

APPENDIX A

PHASE I, PHASE II, AND SUPPLEMENTAL PHASE II SAMPLE INDICES

SAMPLE INDEX
NCBC DAVISVILLE – SITE 09 – ALLEN HARBOR LANDFILL
PHASE I – REMEDIAL INVESTIGATION

SAMPLE ID	MATRIX	INTERVAL	ANALYSIS						LAB
			TCL VOA/ VOC	TCL BNA	TCL Pest/ PCB	TAL Metals/ Hardness	TAL Cyanide	Full TCLP	
SURFACE SOIL									
S-09-01-00-S			X	X	X	X			COMPUCHEM
S-09-02-00-S			X	X	X	X			COMPUCHEM
S-09-03-00-S			X	X	X	X			COMPUCHEM
S-09-04-00-S			X	X	X	X			COMPUCHEM
S-09-05-00-S			X	X	X	X			COMPUCHEM
S-09-06-00-S			X	X	X	X			COMPUCHEM
TP-01-00-S			X	X	X	X			COMPUCHEM
TP-02-00-S			X	X	X	X			COMPUCHEM
TP-03-00-S			X	X	X	X			COMPUCHEM
TP-04-00-S			X	X	X	X			COMPUCHEM
TP-05-00-S			X	X	X	X			COMPUCHEM
TP-06-00-S			X	X	X	X			COMPUCHEM
TP-07-00-S			X	X	X	X			COMPUCHEM
TP-08-00-S			X	X	X	X			COMPUCHEM
TP-09-00-S			X	X	X	X			COMPUCHEM
B-09-01-00-S			X	X	X	X			COMPUCHEM
B-09-02-00-S			X	X	X	X			COMPUCHEM
B-09-03-00-S			X	X	X	X			COMPUCHEM
SUBSURFACE SOIL									
B-09-02-02-S			X	X	X	X			COMPUCHEM
B-09-03-04-S			X	X	X	X			COMPUCHEM
TP-1-06-S			X	X	X	X			COMPUCHEM
TP-2-08-S			X	X	X	X			COMPUCHEM
TP-2-21-S			X	X	X	X			COMPUCHEM
TP-3-06-S			X	X	X	X			COMPUCHEM
TP-3-10-S			X	X	X	X			COMPUCHEM
TP-4-12-S			X	X	X	X			COMPUCHEM
TP-4-18-S			X	X	X	X			COMPUCHEM
TP-5-06-S			X	X	X	X			COMPUCHEM
TP-5-20-S			X	X	X	X			COMPUCHEM
TP-6-02-S			X	X	X	X			COMPUCHEM
TP-7-06-S			X	X	X	X			COMPUCHEM
TP-7-12-S			X	X	X	X			COMPUCHEM
TP-8-06-S			X	X	X	X			COMPUCHEM
TP-8-20-S			X	X	X	X			COMPUCHEM
TP-9-08-S			X	X	X	X			COMPUCHEM
TP-9-20-S			X	X	X	X			COMPUCHEM
GROUND WATER									
GW-09-01B			X	X	X	X			COMPUCHEM
GW-09-02B			X	X	X	X			COMPUCHEM
GW-09-03B			X	X	X	X			COMPUCHEM
GW-09-02BD			X	X	X	X			COMPUCHEM
GW-09-04B			X	X	X	X			COMPUCHEM
GW-09-01-A			X	X	X	X			COMPUCHEM
GW-09-02-A			X	X	X	X			COMPUCHEM
GW-09-03-A			X	X	X	X			COMPUCHEM
GW-09-04-A			X	X	X	X			COMPUCHEM
SEDIMENT									
S-09-01-00-S			X	X	X	X			COMPUCHEM
S-09-02-00-S			X	X	X	X			COMPUCHEM
S-09-03-00-S			X	X	X	X			COMPUCHEM
S-09-04-00-S			X	X	X	X			COMPUCHEM

SITE 09 SAMPLE INDEX
NCBC DAVISVILLE
PHASE II – REMEDIAL INVESTIGATION

SAMPLE ID	MATRIX	DATE SAMPLED	TIME	INTERVAL	ANALYSIS														SAMPLER	LAB	SDG #
					TCL VOA/ VOC	TCL BNA	TCL Pest/ PCB	TAL Metals/ Hardness	TAL Cyanide	TOC	Acid Volatile Sulfides	Temp. Blank	Salinity/ Alkalinity	Grain Size	Archived Dioxin/ Furan	Total Chloride	Full TCLP	BOD/ COD/ TSS			
09-SW04	Water	05/04/93	1145	Surface	X	X	X	X	X				X						B. Drake	COMPUCHEM	SDG 1
09-SD04	Sediment	05/04/93	1145	Top to 10cm	X	X	X	X	X	X	X								B. Drake	COMPUCHEM	SDG 46
09-SW04-MS (Matrix Spike)	Water	05/04/93	1145	Surface	X	X	X	X	X				X						B. Drake	COMPUCHEM	
09-SD04-MS (Matrix Spike)	Sediment	05/04/93	1145	Top to 10cm	X	X	X	X	X	X	X								B. Drake	COMPUCHEM	
09-SW04-MD (Matrix Spike Duplicate)	Water	05/04/93	1145	Surface	X	X	X	X	X										B. Drake	COMPUCHEM	
09-SD04-MD (Matrix Spike Duplicate)	Sediment	05/04/93	1145	Top to 10cm	X	X	X	X	X	X	X								B. Drake	COMPUCHEM	
09-SD04-GS	Sediment	05/04/93	1145	Top to 10cm										X					B. Drake	COMPUCHEM	
09-SW09	Water	05/04/93	1230	Surface	X	X	X	X	X				X						D. Boucher	COMPUCHEM	SDG 1
09-SD09	Sediment	05/04/93	1230	Top to 10cm	X	X	X	X	X	X	X								D. Boucher	COMPUCHEM	SDG 46
09-SD09-GS	Sediment	05/04/93	1230	Top to 10cm										X					D. Boucher	COMPUCHEM	
09-SW10	Water	05/04/93	1330	Surface	X	X	X	X	X				X						D. Boucher	COMPUCHEM	SDG 1
09-SD10	Sediment	05/04/93	1330	Top to 10cm	X	X	X	X	X	X	X								D. Boucher	COMPUCHEM	SDG 46
09-SD10-GS	Sediment	05/04/93	1330	Top to 10cm										X					D. Boucher	COMPUCHEM	
09-SW07	Water	05/04/93	1415	Surface	X	X	X	X	X				X						D. Boucher	COMPUCHEM	SDG 1
09-SD07	Sediment	05/04/93	1415	Top to 10cm	X	X	X	X	X	X	X								D. Boucher	COMPUCHEM	SDG 46
*****BEGIN SURFACE SOILS*****																					
BK-SS21	Soil	05/06/93	1230	0.5-1.0'	X														M. Henley	PACE	SDG 6
				0.0-1.0'		X	X	X	X												
BK-SS22	Soil	05/06/93	1230	0.5-1.0'	X														M. Henley	PACE	SDG 6
				0.0-1.0'		X	X	X	X												
BK-SS01	Soil	05/10/93	1350	0.5-1.0'	X														D. Boucher	PACE	SDG 7
				0.0-1.0'		X	X	X	X												
BK-SS02	Soil	05/10/93	1415	0.5-1.0'	X														D. Boucher	PACE	SDG 7
				0.0-1.0'		X	X	X	X												
BK-SS11	Soil	05/11/93	1500	0.5-1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0-1.0'		X	X	X	X												167
BK-SS12	Soil	05/11/93	1515	0.5-1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0-1.0'		X	X	X	X												167

SITE 09 SAMPLE INDEX
NCBC DAVISVILLE
PHASE II – REMEDIAL INVESTIGATION

SAMPLE ID	MATRIX	DATE SAMPLED	TIME	INTERVAL	ANALYSIS														SAMPLER	LAB	SDG #
					TCL VOA/ VOC	TCL BNA	TCL Pest/ PCB	TAL Metals/ Hardness	TAL Cyanide	TOC	Acid Volatile Sulfides	Temp. Blank	Salinity/ Alkalinity	Grain Size	Archived Dioxin/ Furan	Total Chloride	Full TCLP	BOD/ COD/ TSS			
BK–SS15	Soil	05/11/93	1530	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X												167
BK–SS16	Soil	05/11/93	1545	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X												167
BK–SS17	Soil	05/11/93	1600	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X												167
BK–SS18	Soil	05/11/93	1615	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X												167
09–SS01	Soil	05/11/93	1040	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X						X						167
09–SS02	Soil	05/11/93	0910	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X						X						167
09–SS03	Soil	05/11/93	1115	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X						X						167
09–SS04	Soil	05/11/93	1100	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X						X						167
09–SS05	Soil	05/11/93	0930	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X						X						167
09–SS06	Soil	05/11/93	1000	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X						X						167
09–SS07	Soil	05/11/93	0845	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
				0.0–1.0'		X	X	X	X						X						167
09–SS08	Soil	05/11/93	0940 label	0.5–1.0'	X														D. Boucher	COMPUCHEM	SDG 152
(Duplicate of			0930 actual	0.0–1.0'		X	X	X	X						X						167
09–SS05)																					
BK–SS08	Soil	05/12/93	1430	0.5–1.0'	X														D. Boucher	PACE	SDG 8
				0.0–1.0'		X	X	X	X												
BK–SS05	Soil	05/12/93	1115	0.5–1.0'	X														D. Boucher	PACE	SDG 8
				0.0–1.0'		X	X	X	X												
BK–SS06	Soil	05/12/93	1100	0.5–1.0'	X														D. Boucher	PACE	SDG 8
				0.0–1.0'		X	X	X	X												
BK–SS07	Soil	05/12/93	1045	0.5–1.0'	X														D. Boucher	PACE	SDG 8
				0.0–1.0'		X	X	X	X												
BK–SS09	Soil	05/12/93	1345	0.5–1.0'	X														D. Boucher	PACE	SDG 8
				0.0–1.0'		X	X	X	X												
BK–SS10	Soil	05/12/93	1400	0.5–1.0'	X														D. Boucher	PACE	SDG 8
				0.0–1.0'		X	X	X	X												
09–B7–01	Soil	05/19/93	0905	0–2'	X	X	X	X	X										D. Boucher	COMPUCHEM	SDG 230
09–B7–01–MS	Soil	05/19/93	0905	0–2'	X	X	X	X	X										D. Boucher	COMPUCHEM	SDG 230
(Extra soil for MS/MSD)																					

SITE 09 SAMPLE INDEX
NCBC DAVISVILLE
PHASE II – REMEDIAL INVESTIGATION

SAMPLE ID	MATRIX	DATE SAMPLED	TIME	INTERVAL	ANALYSIS														SAMPLER	LAB	SDG #
					TCL VOA/ VOC	TCL BNA	TCL Pest/ PCB	TAL Metals/ Hardness	TAL Cyanide	TOC	Acid Volatile Sulfides	Temp. Blank	Salinity/ Alkalinity	Grain Size	Archived Dioxin/ Furan	Total Chloride	Full TCLP	BOD/ COD/ TSS			
09-B7-04	Soil	05/19/93	1010	6-8'	X	X	X	X	X										D. Boucher	COMPUCHEM	SDG 230
09-B7-06	Soil	05/19/93	1045	10-12'	X	X	X	X	X										D. Boucher	COMPUCHEM	SDG 230
09-B4-01	Soil	05/19/93	1350	0-2'	X	X	X	X	X										D. Boucher	COMPUCHEM	SDG 230
09-B4-05	Soil	05/19/93	1455	8-10'	X	X	X	X	X						X				D. Boucher	COMPUCHEM	SDG 230
09-B6-01	Soil	05/20/93	0850	0-2'	X	X	X	X	X						X				D. Boucher	COMPUCHEM	SDG 230
09-B6-07	Soil	05/20/93	1000	12-14'	X	X	X	X	X										D. Boucher	COMPUCHEM	SDG 230
09-B5-01	Soil	05/20/93	1225	0-2'	X	X	X	X	X						X				D. Boucher	COMPUCHEM	SDG 230
09-B5-06	Soil	05/20/93	1420	10-12'	X	X	X	X	X						X				D. Boucher	COMPUCHEM	SDG 230
09-B10-01 (Duplicate of 09-B5-01)	Soil	05/20/93	1300	0-2'	X	X	X	X	X										D. Boucher	COMPUCHEM	SDG 230
09-B8-01	Soil	05/21/93	0750	0-2'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 230
09-B8-04	Soil	05/21/93	0830	6'-8'	X	X	X	X	X										T. McMorrow	COMPUCHEM	SDG 230
09-B8-06	Soil	05/21/93	0845	10'-12'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 230
09-B2-01	Soil	05/21/93	1035	0-2'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 230
09-B2-03	Soil	05/21/93	1110	4'-6'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 230
09-MW10-01	Soil	05/24/93	1130	0-2'	X	X	X	X	X										T. McMorrow	COMPUCHEM	SDG 230
09-MW10-09	Soil	05/24/93	1315	16-18'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 230
09-SD5	Soil	05/26/93	1120	Sediment 0-10cm							X								B. Drake	PACE	SDG 12
09-SD6	Soil	05/26/93	1155	Sediment 0-10cm							X								B. Drake	PACE	SDG 12
09-SW5	Water	05/26/93	1120	Surface Water	X	X	X	X	X				X						T. McMorrow	COMPUCHEM	SDG 242
09-SW6	Water	05/26/93	1155	Surface Water	X	X	X	X	X				X						T. McMorrow	COMPUCHEM	SDG 242
09-SD5	Soil	05/26/93	1120	Sediment 0-10cm	X	X	X	X	X	X									T. McMorrow	COMPUCHEM	SDG 300
09-SD6	Soil	05/26/93	1155	Sediment 0-10cm	X	X	X	X	X	X									T. McMorrow	COMPUCHEM	SDG 300
09-B1-01	Soil	05/27/93	1055	0-2'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 300
09-B1-07	Soil	05/27/93	1205	12-14'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 300
09-B3-01	Soil	05/27/93	0830	0-2'	X	X	X	X	X										T. McMorrow	COMPUCHEM	SDG 300
09-B3-03	Soil	05/27/93	0855	4-6'	X	X	X	X	X								X		T. McMorrow	COMPUCHEM	SDG 300
09-MW7-02	Soil	05/27/93	1450	2-4'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 300

SITE 09 SAMPLE INDEX
NCBC DAVISVILLE
PHASE II – REMEDIAL INVESTIGATION

SAMPLE ID	MATRIX	DATE SAMPLED	TIME	INTERVAL	ANALYSIS														SAMPLER	LAB	SDG #
					TCL VOA/ VOC	TCL BNA	TCL Pest/ PCB	TAL Metals/ Hardness	TAL Cyanide	TOC	Acid Volatile Sulfides	Temp. Blank	Salinity/ Alkalinity	Grain Size	Archived Dioxin/ Furan	Total Chloride	Full TCLP	BOD/ COD/ TSS			
09-MW7-06	Soil	05/27/93	1530	10-12'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 300
09-MW8-01	Soil	06/01/93	1140	0-2'	X	X	X	X	X										T. McMorrow	COMPUCHEM	SDG 300
09-MW8-06	Soil	06/01/93	1230	10-12'	X	X	X	X	X										T. McMorrow	COMPUCHEM	SDG 300
09-MW8-04	Soil	06/01/93	1215	6-8'	X	X	X	X	X						X		X		T. McMorrow	COMPUCHEM	SDG 300
09-MW7-23	Soil	06/04/93	1100	44-46'	X														T. McMorrow	COMPUCHEM	SDG 508
09-MW5-01	Soil	06/07/93	1115	0-2'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 508
09-MW14-01 (DUP OF MW5-1)	Soil	06/07/93	1105	0-2'	X	X	X	X	X										T. McMorrow	COMPUCHEM	SDG 508
09-MW5-04	Soil	06/07/93	1215	6-8'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 508
09-MW5-06	Soil	06/07/93	1320	10-12'	X	X	X	X	X										T. McMorrow	COMPUCHEM	SDG 508
09-MW11-01 (Extra soil for MS/MSD)	Soil	06/08/93	0755	0-2'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 508
09-MW11-05	Soil	06/08/93	0900	8-10'	X	X	X	X	X						X		X		T. McMorrow	COMPUCHEM	SDG 508
09-MW6-01	Soil	06/08/93	1400	0-2'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 508
09-MW6-08	Soil	06/09/93	1615	14-16'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	SDG 508
09-MW6-12	Soil	06/09/93	1105	22-24'						X									T. McMorrow	COMPUCHEM	
09-MW6-31	Soil	06/09/93	0830	60-62'						X									T. McMorrow	COMPUCHEM	
09-MW9-01	Soil	06/11/93	1120	0-2'	X	X	X	X	X						X				T. McMorrow	COMPUCHEM	
09-MW9-08	Soil	06/11/93	1355	14-16'	X	X	X	X	X										T. McMorrow	COMPUCHEM	SDG 584
09-MW9-12	Soil	06/16/93	1030	22-24'						X									T. McMorrow	COMPUCHEM	
09-MW1301	Soil	06/25/93	1015	0-2'	X	X	X	X	X										T. McMorrow	COMPUCHEM	SDG 584
09-SD01	Soil	06/30/93	1515	Top to 10 cm							X								J. Smith	PACE	
09-SD02	Soil	06/30/93	1235	Top to 10 cm							X								J. Smith	PACE	
09-SD03	Soil	06/30/93	1310	Top to 10 cm							X								J. Smith	PACE	
09-SD08	Soil	06/30/93	1100	Top to 10 cm							X								J. Smith	PACE	
09-SW01	Water	06/30/93	1515	Surface Water	X	X	X	X	X				X						J. Smith	COMPUCHEM	SDG 601
09-SW01 MS*	Water	06/30/93	1515	Surface Water	X	X	X	X	X										J. Smith	COMPUCHEM	SDG 601
09-SW01 MSD*	Water	06/30/93	1515	Surface Water	X	X	X	X	X										J. Smith	COMPUCHEM	SDG 601
09-SW02	Water	06/30/93	1235	Surface Water	X	X	X	X	X				X						J. Smith	COMPUCHEM	SDG 601
09-SW40 (Duplicate of 09-SW02)	Water	06/30/93	1400	Surface Water	X	X	X	X	X				X						J. Smith	COMPUCHEM	SDG 601

SITE 09 SAMPLE INDEX
NCBC DAVISVILLE
PHASE II – REMEDIAL INVESTIGATION

SAMPLE ID	MATRIX	DATE SAMPLED	TIME	INTERVAL	ANALYSIS														SAMPLER	LAB	SDG #
					TCL VOA/ VOC	TCL BNA	TCL Pest/ PCB	TAL Metals/ Hardness	TAL Cyanide	TOC	Acid Volatile Sulfides	Temp. Blank	Salinity/ Alkalinity	Grain Size	Archived Dioxin/ Furan	Total Chloride	Full TCLP	BOD/ COD/ TSS			
09-SW03	Water	06/30/93	1310	Surface Water	X	X	X	X	X				X						J. Smith	COMPUCHEM	SDG 601
09-SW08	Water	06/30/93	1100	Surface Water	X	X	X	X	X				X						J. Smith	COMPUCHEM	SDG 601
09-SD01	Sediment	06/30/93	1515	Top to 10 cm	X	X	X	X	X	X									J. Smith	COMPUCHEM	SDG 609
09-SD01 MSD*	Sediment	06/30/93	1515	Top to 10 cm	X	X	X	X	X										J. Smith	COMPUCHEM	SDG 609
09-SD02	Sediment	06/30/93	1235	Top to 10 cm	X	X	X	X	X	X									J. Smith	COMPUCHEM	SDG 609
09-SD40 (Duplicate of 09-SD02)	Sediment	06/30/93	1400	Top to 10 cm	X	X	X	X	X	X									J. Smith	COMPUCHEM	SDG 609
09-SD03	Sediment	06/30/93	1310	Top to 10 cm	X	X	X	X	X	X									J. Smith	COMPUCHEM	SDG 609
09-SD08	Sediment	06/30/93	1100	Top to 10 cm	X	X	X	X	X	X									J. Smith	COMPUCHEM	SDG 609
BKSS03	Soil	06/30/93	1010	Background Surface Soil	X	X	X	X	X										J. Smith	COMPUCHEM	SDG 609 610
BKSS04	Soil	06/30/93	1030	Background Surface Soil	X	X	X	X	X										J. Smith	COMPUCHEM	SDG 609 610
09-MW12-1	Soil	08/09/93	1235	0-2'	X	X	X	X	X										J. Smith	COMPUCHEM	SDG 823 825
09-MW12-3	Soil	08/09/93	1245	4-6'	X	X	X	X	X										J. Smith	COMPUCHEM	SDG 823 825
BEGIN GROUND WATER SAMPLING																					
09-MW7D	Water	07/27/93	1015	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 703
09-MW8S	Water	07/27/93	1535	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 703
09-MW6D	Water	07/27/93	0845	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 703
09-MW6S	Water	07/27/93	1050	Ground Water	X	X	X	X	X									X		COMPUCHEM	SDG 703
09-MW6SF (Filtered)	Water	07/27/93	1050	Ground Water				X												COMPUCHEM	
09-MW7S	Water	07/29/93	1045	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09-MW15S (Dup of MW7S)	Water	07/29/93	1200	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09-MW4S	Water	07/29/93	1240	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09-MW11S	Water	07/29/93	0840	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09-MW5S	Water	07/29/93	1015	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09-MW3D	Water	07/29/93	1415	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09-MW10S	Water	07/29/93	1315	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09-MW2S (Extra water for MS/MSD)	Water	07/29/93	1130	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751

SITE 09 SAMPLE INDEX
NCBC DAVISVILLE
PHASE II – REMEDIAL INVESTIGATION

SAMPLE ID	MATRIX	DATE SAMPLED	TIME	INTERVAL	ANALYSIS														SAMPLER	LAB	SDG #
					TCL VOA/ VOC	TCL BNA	TCL Pest/ PCB	TAL Metals/ Hardness	TAL Cyanide	TOC	Acid Volatile Sulfides	Temp. Blank	Salinity/ Alkalinity	Grain Size	Archived Dioxin/ Furan	Total Chloride	Full TCLP	BOD/ COD/ TSS			
09–MW10D	Water	07/29/93		Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09–MW8D	Water	07/29/93	0840	Ground Water	X	X	X	X	X									X		COMPUCHEM	SDG 751
09–MW8DF (Filtered)	Water	07/29/93	0840	Ground Water				X												COMPUCHEM	
09–MW1S	Water	07/29/93	0900	Ground Water	X	X	X	X	X									X		COMPUCHEM	SDG 751
09–MW8DF (Filtered)	Water	07/29/93	0900	Ground Water				X												COMPUCHEM	
09–MW13S	Water	07/30/93	0815	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09–MW13D	Water	07/30/93	1005	Ground Water	X	X	X	X	X											COMPUCHEM	SDG 751
09–MW12D	Water	08/24/93	1145	Ground Water	X	X	X	X	X										Dave B.	COMPUCHEM	SDG 827

SITE 09 SAMPLE INDEX
NCBC DAVISVILLE
SUPPLEMENTAL PHASE II REMEDIAL INVESTIGATION

					ANALYSIS										
SAMPLE ID	MATRIX	DATE SAMPLED	TIME	INTERVAL	TCL VOC	TAL Metals	TAL Cyanide	Total Chloride	Total Dissolved Solids	Salinity	Sodium	Full TCLP	SAMPLER	LAB	SDG #
09-B10-04	SOIL	03/25/94	14:40	6-8'								X	J. Peterson	PACE	SDG 18
09-B10-08	SOIL	03/25/94	15:35	14-16'								X	J. Peterson	PACE	SDG 18
09-B09-04	SOIL	03/29/94	14:24	6-8'								X	K. Prochorena	PACE	SDG 18
09-MW3D-H	WATER	04/25/94	9:31					X	X	X	X		K. Prochorena	PACE	SDG 19
09-MW7S-H	WATER	04/25/94	9:35					X	X	X	X		J. Coykendall	PACE	SDG 19
09-MW9D-H	WATER	04/25/94	10:17					X	X	X	X		M. Henley	PACE	SDG 19
09-MW7D-H	WATER	04/25/94	10:30					X	X	X	X		J. Coykendall	PACE	SDG 19
09-MW2S-H	WATER	04/25/94	10:32					X	X	X	X		K. Prochorena	PACE	SDG 19
09-MW9S-H	WATER	04/25/94	11:40					X	X	X	X		M. Henley	PACE	SDG 19
03-MW08D	WATER	04/25/94	12:10		X	X	X						J. Coykendall	PACE	SDG 19
03-MW7D	WATER	04/25/94	14:10		X	X	X						J. Coykendall	PACE	SDG 19
03-MW6D	WATER	04/25/94	14:10		X	X	X						M. Henley	PACE	SDG 19
09-MW3D-L	WATER	04/25/94	15:21					X	X	X	X		K. Prochorena	PACE	SDG 19
09-MW7S-L	WATER	04/25/94	15:35					X	X	X	X		J. Coykendall	PACE	SDG 19
09-MW9D-L	WATER	04/25/94	15:30					X	X	X	X		M. Henley	PACE	SDG 19
09-MW7D-L	WATER	04/25/94	16:25					X	X	X	X		J. Coykendall	PACE	SDG 19
09-MW2S-L	WATER	04/25/94	16:28					X	X	X	X		K. Prochorena	PACE	SDG 19
09-MW9S-L	WATER	04/25/94	16:35					X	X	X	X		M. Henley	PACE	SDG 19
TB-042594	WATER	04/25/94			X									PACE	SDG 19
FB-042694	WATER	04/26/94	11:45		X	X	X	X	X	X			J. Coykendall	PACE	SDG 19
09-SW1	WATER	05/04/94	16:00					X	X	X	X		T. McMorrow	PACE	SDG 19

APPENDIX B

PHASE II QA/QC DATA

APPENDIX B

PHASE II QA/QC DATA

COMPUCHEM DATA SHEETS

- VOLATILE ORGANIC ANALYSIS DATA
- SEMIVOLATILE ORGANIC ANALYSIS DATA
- PESTICIDES/PCBs ANALYSIS DATA
- INORGANIC ANALYSIS DATA SHEETS

RBs - COMPUCHEM

5/04/93
5/05/93
5/06/93
5/11/93
5/13/93
5/19/93
5/21/93
5/26/93
5/27/93
6/01/93
6/02/93
6/03/93
6/04/93
6/08/93
6/10/93
6/11/93
6/25/93
6/30/93
7/22/93
7/23/93
7/27/93
7/28/93
7/29/93
7/30/93
8/09/93
8/24/93

TRIP BLANKS (VOCs) - COMPUCHEM

5/05/93 & TRB350593
5/06/93
5/11/93
5/13/93
5/19/93
5/20/93
5/21/93
5/24/93
5/26/93
5/27/93
6/01/93
6/02/93
6/03/93
6/04/93
6/07/93
6/08/93
6/09/93
6/10/93
6/11/93
6/25/93
6/30/93
7/22/93
7/23/93
7/27/93
7/28/93
7/29/93
7/30/93
8/09/93
8/24/93

COMPUCHEM RINSATE AND TRIP BLANK RESULTS
VOLATILE ORGANICS

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-82493

Lab Name: COMPUCHEM, RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 827

Matrix: (soil/water) WATER Lab Sample ID: 574029

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN074029B56

Level: (low/med) LOW Date Received: 08/26/93

% Moisture: not dec. ____ Date Analyzed: 08/30/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10.3	~~BJ~~ U
75-15-0	Carbon Disulfide	10	U J
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA

27223 827 SAMPLE DATA PACKAGE

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB-82493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 827

Matrix: (soil/water) WATER Lab Sample ID: 574024

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN074024B56

Level: (low/med) LOW Date Received: 08/26/93

% Moisture: not dec. ____ Date Analyzed: 08/30/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10.2	~~B~~ U
67-64-1	Acetone	10	U J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 548919

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN048919C51

Level: (low/med) LOW Date Received: 05/05/93

% Moisture: not dec. ____ Date Analyzed: 05/06/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549222

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN049222B51

Level: (low/med) LOW Date Received: 05/06/93

% Moisture: not dec. ____ Date Analyzed: 05/10/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	7	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	2	J
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB050593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549219

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN049219B51

Level: (low/med) LOW Date Received: 05/06/93

% Moisture: not dec. ____ Date Analyzed: 05/10/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U J
67-64-1	Acetone	1	~~B~~ J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

27223 1 SAMPLE DATA SUMMARY

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB350593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549220

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN049220B51

Level: (low/med) LOW Date Received: 05/06/93

% Moisture: not dec. ____ Date Analyzed: 05/10/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	3	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549415

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN049415B51

Level: (low/med) LOW Date Received: 05/07/93

% Moisture: not dec. ____ Date Analyzed: 05/10/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	3	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB150693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549417

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN049417B51

Level: (low/med) LOW Date Received: 05/07/93

% Moisture: not dec. ____ Date Analyzed: 05/10/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	26	~~B~~ J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1051193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550434

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN050434B51

Level: (low/med) LOW Date Received: 05/12/93

% Moisture: not dec. ____ Date Analyzed: 05/14/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	36	~~B~~
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB151193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550436

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN050436B51

Level: (low/med) LOW Date Received: 05/12/93

% Moisture: not dec. ____ Date Analyzed: 05/14/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U J
67-64-1	Acetone	10	~~B~~ U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

27223 1 SAMPLE DATA SUMMARY

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1051393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550732

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN050732B56

Level: (low/med) LOW Date Received: 05/14/93

% Moisture: not dec. ____ Date Analyzed: 05/18/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	~~B~~J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB151393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550733

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN050733B56

Level: (low/med) LOW Date Received: 05/14/93

% Moisture: not dec. ____ Date Analyzed: 05/18/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	3	~~B~~J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-51993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551243

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN051243B56

Level: (low/med) LOW Date Received: 05/20/93

% Moisture: not dec. ____ Date Analyzed: 05/20/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~9~~	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB151993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551236

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN051236B56

Level: (low/med) LOW Date Received: 05/20/93

% Moisture: not dec. ____ Date Analyzed: 05/20/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~9~~	~~BJ~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB152093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551357

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN051357B56

Level: (low/med) LOW Date Received: 05/21/93

% Moisture: not dec. ____ Date Analyzed: 05/21/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551424

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN051424B56

Level: (low/med) LOW Date Received: 05/22/93

% Moisture: not dec. ____ Date Analyzed: 05/25/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~B~~	~~BJ~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB152193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551423

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN051423B56

Level: (low/med) LOW Date Received: 05/22/93

% Moisture: not dec. ____ Date Analyzed: 05/25/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~1~~	~~BJ~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB152493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551579

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN051579A56

Level: (low/med) LOW Date Received: 05/25/93

% Moisture: not dec. ____ Date Analyzed: 05/26/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~5~~	~~BJ~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552074

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN052074A56

Level: (low/med) LOW Date Received: 05/27/93

% Moisture: not dec. ____ Date Analyzed: 05/31/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 A	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB152693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552070

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR052070C56

Level: (low/med) LOW Date Received: 05/27/93

% Moisture: not dec. ____ Date Analyzed: 06/01/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~4~~	~~J~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552504

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN052504C56

Level: (low/med) LOW Date Received: 05/28/93

% Moisture: not dec. ____ Date Analyzed: 06/01/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB152793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552503

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN052503C56

Level: (low/med) LOW Date Received: 05/28/93

% Moisture: not dec. ____ Date Analyzed: 06/01/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	3	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552904

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN052904A51

Level: (low/med) LOW Date Received: 06/02/93

% Moisture: not dec. ____ Date Analyzed: 06/03/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10.2	~~BJ~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB160193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552903

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN052903A51

Level: (low/med) LOW Date Received: 06/02/93

% Moisture: not dec. ____ Date Analyzed: 06/03/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	13	~~B~~U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553082

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C2R53082A51

Level: (low/med) LOW Date Received: 06/03/93

% Moisture: not dec. ____ Date Analyzed: 06/04/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	9	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB160293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553093

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN053093C51

Level: (low/med) LOW Date Received: 06/03/93

% Moisture: not dec. ____ Date Analyzed: 06/04/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553553

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN053553A51

Level: (low/med) LOW Date Received: 06/04/93

% Moisture: not dec. ____ Date Analyzed: 06/07/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	14	
67-64-1	Acetone	10	U J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB160393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553552

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN053552A51

Level: (low/med) LOW Date Received: 06/04/93

% Moisture: not dec. ____ Date Analyzed: 06/07/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	15	
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	3	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554192

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN054192A51

Level: (low/med) LOW Date Received: 06/04/93

% Moisture: not dec. ____ Date Analyzed: 06/07/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	18	
67-64-1	Acetone	10	U J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB160493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554194

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C2R54194B51

Level: (low/med) LOW Date Received: 06/05/93

% Moisture: not dec. ____ Date Analyzed: 06/08/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	17	B U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB160793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554371

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN054371A51

Level: (low/med) LOW Date Received: 06/08/93

% Moisture: not dec. ____ Date Analyzed: 06/09/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	8	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554699

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN054699C51

Level: (low/med) LOW Date Received: 06/05/93

% Moisture: not dec. ____ Date Analyzed: 06/10/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	UJ
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	UJ
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB160893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554697

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN054697C51

Level: (low/med) LOW Date Received: 06/09/93

% Moisture: not dec. ____ Date Analyzed: 06/10/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	7	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB160993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 555198

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CR055198B51

Level: (low/med) LOW Date Received: 06/10/93

% Moisture: not dec. ____ Date Analyzed: 06/11/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	13	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1061093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 555507

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN055507B51

Level: (low/med) LOW Date Received: 06/11/93

% Moisture: not dec. ____ Date Analyzed: 06/12/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	5	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB161093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 555509

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN055509B51

Level: (low/med) LOW Date Received: 06/11/93

% Moisture: not dec. ____ Date Analyzed: 06/12/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	13 ~~11~~	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1061193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 556037

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN056037B51

Level: (low/med) LOW Date Received: 06/14/93

% Moisture: not dec. ____ Date Analyzed: 06/17/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U J
67-64-1	Acetone	17	~~B~~ U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U J
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB161193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 556038

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN056038B51

Level: (low/med) LOW Date Received: 06/14/93

% Moisture: not dec. ____ Date Analyzed: 06/18/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U J
75-09-2	Methylene Chloride	12	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1062593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 559377

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN059377B51

Level: (low/med) LOW Date Received: 06/26/93

% Moisture: not dec. ____ Date Analyzed: 06/28/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~2~~	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB162593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 559377

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CR059373B51

Level: (low/med) LOW Date Received: 06/26/93

% Moisture: not dec. ____ Date Analyzed: 06/28/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	UJ
75-09-2	Methylene Chloride	10 4	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/9

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1063093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 560417

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CR060417A54

Level: (low/med) LOW Date Received: 07/01/93

% Moisture: not dec. ____ Date Analyzed: 07/07/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~2~~	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB163093

Lab Name: COMPUCHEM.RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 560419

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CR060419A54

Level: (low/med) LOW Date Received: 07/01/93

% Moisture: not dec. ____ Date Analyzed: 07/07/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~2~~	~~B~~U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1072293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565334

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CR065334A56

Level: (low/med) LOW Date Received: 07/23/93

% Moisture: not dec. _____ Date Analyzed: 07/29/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~9~~	~~BJ~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U J
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB172293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565539

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN065539B56

Level: (low/med) LOW Date Received: 07/23/93

% Moisture: not dec. _____ Date Analyzed: 07/28/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~1~~	B ~~U~~
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565452

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN065452B56

Level: (low/med) LOW Date Received: 07/24/93

% Moisture: not dec. ____ Date Analyzed: 07/28/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10.1	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB172393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565459

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CR065459A56

Level: (low/med) LOW Date Received: 07/24/93

% Moisture: not dec. ____ Date Analyzed: 07/29/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~3~~	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U J
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: CONPU Case No.: 27223 SAS No.: _____ SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566221

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN066221A56

Level: (low/med) LOW Date Received: 07/28/93

% Moisture: not dec. ____ Date Analyzed: 08/02/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~3~~	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U J
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB172793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: CONPU Case No.: 27223 SAS No.: _____ SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566246

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR066246B56

Level: (low/med) LOW Date Received: 07/28/93

% Moisture: not dec. ____ Date Analyzed: 08/03/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~B~~	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: CONPU Case No.: 27223 SAS No.: _____ SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566349

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN066349B56

Level: (low/med) LOW Date Received: 07/29/93

% Moisture: not dec. / Date Analyzed: 08/03/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	~~6~~ 10	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB172893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: CONPU Case No.: 27223 SAS No.: _____ SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566354

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN066354B56

Level: (low/med) LOW Date Received: 07/29/93

% Moisture: not dec. ____ Date Analyzed: 08/03/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~2~~	~~BJ~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1072993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 751

Matrix: (soil/water) WATER Lab Sample ID: 567006

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN067006C56

Level: (low/med) LOW Date Received: 07/30/93

% Moisture: not dec. ____ Date Analyzed: 08/05/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	105	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	5	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB172993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 751

Matrix: (soil/water) WATER Lab Sample ID: 567007

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C2R67007C56

Level: (low/med) LOW Date Received: 07/30/93

% Moisture: not dec. ____ Date Analyzed: 08/06/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~5~~	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	4	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1073093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 810

Matrix: (soil/water) WATER Lab Sample ID: 567279

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN067279C56

Level: (low/med) LOW Date Received: 07/31/93

% Moisture: not dec. ____ Date Analyzed: 08/04/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~4~~	~~BJ~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB173093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 751

Matrix: (soil/water) WATER Lab Sample ID: 567265

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN067265C56

Level: (low/med) LOW Date Received: 07/31/93

% Moisture: not dec. ____ Date Analyzed: 08/05/93

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~4~~	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	2	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1080993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 810

Matrix: (soil/water) WATER Lab Sample ID: 569310

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN069310B54

Level: (low/med) LOW Date Received: 08/10/93

% Moisture: not dec. ____ Date Analyzed: 08/12/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	15	~~B~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TBR180993

Lab Name: COMPUCHEM, RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 810

Matrix: (soil/water) WATER Lab Sample ID: 569307

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN069307B54

Level: (low/med) LOW Date Received: 08/10/93

% Moisture: not dec. ____ Date Analyzed: 08/11/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10 ~~4~~	~~BJ~~ U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA

3/

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-82493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 827

Matrix: (soil/water) WATER Lab Sample ID: 574029

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN074029B56

Level: (low/med) LOW Date Received: 08/26/93

% Moisture: not dec. ____ Date Analyzed: 08/30/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10.3	~~BJ~~ U
67-64-1	Acetone	10	U J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRB-82493

Lab Name: COMPUCHEM, RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 827

Matrix: (soil/water) WATER Lab Sample ID: 574024

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: CN074024B56

Level: (low/med) LOW Date Received: 08/26/93

% Moisture: not dec. ____ Date Analyzed: 08/30/93

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10.2	~~B~~ U
67-64-1	Acetone	10	U J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	Trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I VOA 3/90

COMPUCHEM RINSATE AND TRIP BLANK RESULTS
SEMIVOLATILE ORGANICS

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-82493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 827

Matrix: (soil/water) WATER Lab Sample ID: 574029

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR074029B05

Level: (low/med) LOW Date Received: 08/26/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 09/07/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/09/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.8	~~BJ~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050493

Lab Name: COMPUCHEM.RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 548919

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH048919A21

Level: (low/med) LOW Date Received: 05/05/93

% Moisture: _____ decanted: (Y/N) \ Date Extracted: 05/07/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/10/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 548919

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH048919A21

Level: (low/med) LOW Date Received: 05/05/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/07/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/10/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	~~B~~J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549222

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH049222B05

Level: (low/med) LOW Date Received: 05/06/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/11/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549222

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH049222B05

Level: (low/med) LOW Date Received: 05/06/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/11/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	4	~~B~~J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549415

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH049415B05

Level: (low/med) LOW Date Received: 05/07/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/11/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549415

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH049415B05

Level: (low/med) LOW Date Received: 05/07/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/11/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	46	~~B~~
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1051193

Lab Name: COMPUCHEM.RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550434

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH050434A21

Level: (low/med) LOW Date Received: 05/12/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/14/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

FORM I SV-1 3/90

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1051193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550434

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH050434A21

Level: (low/med) LOW Date Received: 05/12/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/14/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	2	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	14	~~B~~
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

27223 1 SAMPLE DATA SUMMARY

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1051393

Lab Name: COMPUCHEM.RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550732

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH050732A21

Level: (low/med) LOW Date Received: 05/14/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/18/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	U J
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1051393

Lab Nam : COMPUCHEM.RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550732

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH050732A21

Level: (low/med) LOW Date Received: 05/14/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/18/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	15	~~B~~J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-51993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551243

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH051243A21

Level: (low/med) LOW Date Received: 05/20/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/20/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-51993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551243

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH051243A21

Level: (low/med) LOW Date Received: 05/20/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/20/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	1	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	UJ
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	2	J
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10 ~~2~~	~~BJ~~ U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	13	~~B~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551424

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH051424B52

Level: (low/med) LOW Date Received: 05/22/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/25/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/27/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551424

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH051424B52

Level: (low/med) LOW Date Received: 05/22/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/25/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/27/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10 ~~3~~	~~BJ~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552074

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH052074A21

Level: (low/med) LOW Date Received: 05/27/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/28/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/01/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	2	J
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552074

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH052074A21

Level: (low/med) LOW Date Received: 05/27/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/28/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	2	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10 ~~3~~	~~B~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552504

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH052504B05

Level: (low/med) LOW Date Received: 05/28/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/31/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/01/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U J
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552504

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH052504B05

Level: (low/med) LOW Date Received: 05/28/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 05/31/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/01/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10 ~~3~~	~~B~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552904

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH052904A08

Level: (low/med) LOW Date Received: 06/02/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/03/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/08/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	4	J
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552904

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH052904A08

Level: (low/med) LOW Date Received: 06/02/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/03/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/08/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	2	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	~~B~~ U
117-84-0	Di-n-Octyl Phthalate	10	U J
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

27223 242 SAMPLE DATA SUMMARY

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553082

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH053082A05

Level: (low/med) LOW Date Received: 06/03/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/04/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/07/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553082

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH053082A05

Level: (low/med) LOW Date Received: 06/03/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/04/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/07/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553553

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH053553A05

Level: (low/med) LOW Date Received: 06/04/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/07/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	UJ
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553553

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH053553A05

Level: (low/med) LOW Date Received: 06/04/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/07/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554192

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH054192A05

Level: (low/med) LOW Date Received: 06/05/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/07/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U J
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554192

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH054192A05

Level: (low/med) LOW Date Received: 06/05/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/07/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554699

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH054699A15

Level: (low/med) LOW Date Received: 06/09/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/11/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/14/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554699

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH054699A15

Level: (low/med) LOW Date Received: 06/09/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/11/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/14/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1061093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 555507

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH055507A08

Level: (low/med) LOW Date Received: 06/11/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/15/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/16/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1061093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 555507

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH055507A08

Level: (low/med) LOW Date Received: 06/11/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/15/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/16/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	3	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1061193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 556037

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ056037B52

Level: (low/med) LOW Date Received: 06/14/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/17/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/19/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	8	J
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1061193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 556037

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ056037B52

Level: (low/med) LOW Date Received: 06/14/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 06/17/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/19/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	1	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	4	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	2	~~B~~J
117-84-0	Di-n-Octyl Phthalate	10	UJ
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1062593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 559377

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH059377B52

Level: (low/med) LOW Date Received: 06/26/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/01/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/03/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1062593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 559377

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH059377B52

Level: (low/med) LOW Date Received: 06/26/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/01/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/03/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10 ~~5~~	~~BJ~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1063093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 560417

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH060417A05

Level: (low/med) LOW Date Received: 07/01/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/03/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/09/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1063093

Lab Name: COMPUCHEM.RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 560417

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH060417A05

Level: (low/med) LOW Date Received: 07/01/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/03/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/09/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	29	~~B~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2 3/90

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1072293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565334

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH065334B05

Level: (low/med) LOW Date Received: 07/23/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/27/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/29/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

FORM I SV-1

3/

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1072293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565334

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH065334B05

Level: (low/med) LOW Date Received: 07/23/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/27/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/29/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	9	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565452

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH065452A21

Level: (low/med) LOW Date Received: 07/24/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/28/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/29/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10 ~~A~~	~~BJ~~ U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

FORM I SV-1 3/

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565452

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH065452A21

Level: (low/med) LOW Date Received: 07/24/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/28/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/29/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10 ~~2~~	BJ ~~U~~
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	18	~~B~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

RB1-72793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566221

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ066221B52

Level: (low/med) LOW Date Received: 07/28/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/30/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566221

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ066221B52

Level: (low/med) LOW Date Received: 07/28/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 07/30/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	1	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	2	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566349

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH066349B05

Level: (low/med) LOW Date Received: 07/29/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/02/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/04/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566349

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH066349B05

Level: (low/med) LOW Date Received: 07/29/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/02/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/04/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	8	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2 3/90

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1072993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 751

Matrix: (soil/water) WATER Lab Sample ID: 567006

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH067006A21

Level: (low/med) LOW Date Received: 07/30/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/03/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	~~10~~	~~B~~ U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1072993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 751

Matrix: (soil/water) WATER Lab Sample ID: 567006

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH067006A21

Level: (low/med) LOW Date Received: 07/30/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/03/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1073093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 810

Matrix: (soil/water) WATER Lab Sample ID: 567279

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH067279B52

Level: (low/med) LOW Date Received: 07/31/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/05/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/12/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

FORM I SV-1

3/

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1073093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 810

Matrix: (soil/water) WATER Lab Sample ID: 567279

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH067279B52

Level: (low/med) LOW Date Received: 07/31/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/05/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/12/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	13	~~B~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2 3/90

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1080993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 810

Matrix: (soil/water) WATER Lab Sample ID: 569310

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH069310B52

Level: (low/med) LOW Date Received: 08/10/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/12/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/16/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1080993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 810

Matrix: (soil/water) WATER Lab Sample ID: 569310

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH069310B52

Level: (low/med) LOW Date Received: 08/10/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/12/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/16/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10 ~~B~~	~~B~~ U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10 ~~2~~	~~B~~ U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10 ~~6~~	~~B~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-82493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 827

Matrix: (soil/water) WATER Lab Sample ID: 574029

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR074029B05

Level: (low/med) LOW Date Received: 08/26/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 09/07/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/09/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	3	J
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U J
83-32-9	Acenaphthene	10	U

FORM I SV-1 3/90

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-82493

Lab Name: COMPUCHEM, RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: _____ SDG No.: 827

Matrix: (soil/water) WATER Lab Sample ID: 574029

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR074029B05

Level: (low/med) LOW Date Received: 08/26/93

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 09/07/93

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/09/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10.8	~~BJ~~ U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

COMPUCHEM RINSATE AND TRIP BLANK RESULTS
PESTICIDE/PCB ORGANICS

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-82493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 827

Matrix: (soil/water) WATER Lab Sample ID: 574029

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 08/26/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/29/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/23/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.050	U J
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U J
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

RB1050492

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 548919

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/05/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/06/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/10/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

27223 1 SAMPLE DATA SUMMARY

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549222

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/06/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/08/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/13/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1050693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 549415

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/07/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/08/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/13/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1051193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550434

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/12/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/14/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/17/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D.
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1051393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 1

Matrix: (soil/water) WATER Lab Sample ID: 550732

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/14/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/18/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/22/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.0100	J
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-51993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551243

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/20/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/21/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/25/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 551424

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/22/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/25/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/02/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.0031	JP
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.0033	J
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.0024	J
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052693

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552074

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/27/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/28/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1052793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552504

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 05/28/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/01/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/03/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 242

Matrix: (soil/water) WATER Lab Sample ID: 552904

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 06/02/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/04/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/07/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553082

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 06/03/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/05/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/08/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 553553

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 06/04/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/07/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/09/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060493

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554192

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 06/05/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/07/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/09/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1060893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 554699

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 06/09/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/11/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/15/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1061093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 555507

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 06/11/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/16/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/19/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1061193

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 388

Matrix: (soil/water) WATER Lab Sample ID: 556037

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 06/14/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/18/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/22/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1062593

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 559377

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 06/26/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/30/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/07/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1063093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 601

Matrix: (soil/water) WATER Lab Sample ID: 560417

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/01/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/02/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/15/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1072293

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565334

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/23/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/28/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/14/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U J
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72393

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 645

Matrix: (soil/water) WATER Lab Sample ID: 565452

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/24/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/29/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/13/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72793

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566221

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/28/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/02/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/20/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-72893

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 703

Matrix: (soil/water) WATER Lab Sample ID: 566349

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/29/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/02/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/20/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U J
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U ✓

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1072993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 751

Matrix: (soil/water) WATER Lab Sample ID: 567006

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/30/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/03/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/24/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U UJ
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1073093

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 810

Matrix: (soil/water) WATER Lab Sample ID: 567279

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/31/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/05/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/26/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1080993

Lab Name: COMPUCHEM,RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 810

Matrix: (soil/water) WATER Lab Sample ID: 569310

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 08/10/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/12/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/28/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.050	U UJ
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	~~0.0013~~ 0.050	~~JPB~~ U UJ
309-00-2	Aldrin	0.050	U UJ
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST 3/90

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB1-82493

Lab Name: COMPUCHEM, RTP Contract: (3-90)-REVS

Lab Code: COMPU Case No.: 27223 SAS No.: SDG No.: 827

Matrix: (soil/water) WATER Lab Sample ID: 574029

Sample wt/vol: 1000 (g/ml) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 08/26/93

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/29/93

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/23/93

Injection Volume: 2.0 (uL) Dilution Factor: 1

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

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

CAS NO.	COMPOUND		Q
319-8[illegible]	alpha-BHC	0.050	U J
319-[illegible]	beta-BHC	0.050	U
319-[illegible]	delta-BHC	0.050	U
58-8[illegible]	gamma-BHC (Lindane)	0.050	U J
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

COMPUCHEM RINSATE AND TRIP BLANK RESULTS
INORGANICS

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1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1050493

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 722316

Matrix (soil/water): WATER Lab Sample ID: 548935

Level (low/med): LOW Date Received: 05/05/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	125	~~B~~	U	P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	3.6	~~B~~		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	140	~~B~~	U	P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	7.3	~~B~~	U	P
7439-89-6	Iron	74.8	~~B~~		P
7439-92-1	Lead	4.3		~~WN~~ UJ	F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	1.1	~~B~~		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	.20	U	~~WN~~ J	F
7440-23-5	Sodium	454	~~B~~	U	P
7440-28-0	Thallium	4.0	U	~~WN~~ J	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	9.4	~~B~~	U	P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 10

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1050593

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 722316

Matrix (soil/water): WATER Lab Sample ID: 549224

Level (low/med): LOW Date Received: 05/06/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	130	~~B~~	U	P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	597	~~B~~	U	P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.1	~~B~~	U	P
7439-89-6	Iron	93.5	~~B~~		P
7439-92-1	Lead	2.0	U	~~N~~ J	F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	2.6	~~B~~		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	.72	~~B~~	~~WN~~ UJ	F
7440-23-5	Sodium	421	~~B~~	U	P
7440-28-0	Thallium	4.0	U	~~N~~ J	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	10.2	~~B~~	U	P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 11

INORGANIC SDG 722316

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1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1050693

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 722316

Matrix (soil/water): WATER Lab Sample ID: 549424

Level (low/med): LOW Date Received: 05/07/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	95.6	~~B~~	U	P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	234	~~B~~	U	P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.3	~~B~~	U	P
7439-89-6	Iron	74.8	~~B~~		P
7439-92-1	Lead	3.6		~~WN~~ UJ	F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	2.2	~~B~~		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	.45	~~B~~	~~WN~~ UJ	F
7440-23-5	Sodium	374	~~B~~	U	P
7440-28-0	Thallium	4.0	U	~~N~~ J	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	10.2	~~B~~	U	P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 12

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1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1051193

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 722316

Matrix (soil/water): WATER Lab Sample ID: 550435

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	104	~~B~~	U	P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	479	~~B~~	U	P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	9.4	~~B~~		P
7439-89-6	Iron	41.0	U		P
7439-92-1	Lead	2.0	U	~~WN~~ J	F
7439-95-4	Magnesium	39.0	U		P
7439-96-5	Manganese	1.0	U		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	.62	~~B~~	~~WN~~ UJ	F
7440-23-5	Sodium	518	~~B~~	U	P
7440-28-0	Thallium	4.0	U	~~WN~~ J	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	19.6	~~B~~	U	P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 13

INORGANIC SDG 722316

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1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1051393

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 722316

Matrix (soil/water): WATER Lab Sample ID: 550734

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	88.4	~~B~~	U	P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	458	~~B~~	U	P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	74.8	~~B~~		P
7439-92-1	Lead	8.9		~~N~~ UJ	F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	2.2	~~B~~		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	.20	U	~~WN~~ J	F
7440-23-5	Sodium	418	~~B~~	U	P
7440-28-0	Thallium	4.0	U	~~WN~~ J	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	26.0		U	P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 14

INORGANIC SDG 223244

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1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1-51993

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223244

Matrix (soil/water): WATER Lab Sample ID: 551252

Level (low/med): LOW Date Received: 05/20/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	92.6	~~B~~	U	P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U	~~WN*~~ J	F
7440-39-3	Barium	2.3	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	52.9	~~B~~ ~~E~~ J		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	73.8	~~B~~ ~~N*~~ J		P
7439-92-1	Lead	2.0	U	~~W~~ J	F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	1.0	U	E	P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U	~~N~~ J	P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	~~U~~ ~~WN~~ R		F
7440-22-4	Silver	.20	U	~~WN~~ J	F
7440-23-5	Sodium	815	~~B~~ ~~E~~ UJ		P
7440-28-0	Thallium	4.0	~~U~~ ~~N~~ BR		F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 6

INORGANIC SDG 223244

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1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1052193

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223244

Matrix (soil/water): WATER Lab Sample ID: 551425

Level (low/med): LOW Date Received: 05/22/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	99.2	~~B~~	U	P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U	~~WN*~~ J	F
7440-39-3	Barium	2.3	~~B~~		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	62.8	~~B~~ ~~E~~ J		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	483		~~N*~~ J	P
7439-92-1	Lead	2.0	U	~~W~~ J	F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	6.8	~~B~~ ~~E~~	U	P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U	~~N~~ J	P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	~~U~~ ~~WN~~	R	F
7440-22-4	Silver	.20	U	~~WN~~ J	F
7440-23-5	Sodium	709	~~B~~ ~~E~~	UJ	P
7440-28-0	Thallium	4.0	~~U~~ ~~N~~	R	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	6.0	~~B~~		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 7

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1052693

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223244

Matrix (soil/water): WATER Lab Sample ID: 552080

Level (low/med): LOW Date Received: 05/27/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.0	U		P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U	~~WN+~~ J	F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~N~~ J	F
7440-70-2	Calcium	46.4	~~B~~ ~~E~~ J		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	248		~~N+~~ J	P
7439-92-1	Lead	2.0	U	J	F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	4.9	~~B~~ ~~E~~ U		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U	~~N~~ J	P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	~~U~~ ~~WN~~ R		F
7440-22-4	Silver	.20	U	~~WN~~ J	F
7440-23-5	Sodium	695	B	~~E~~ J	P
7440-28-0	Thallium	4.0	~~U~~ ~~N~~ R		F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	4.3	~~B~~		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 8

INORGANIC SDG 223244

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1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1052793

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223244

Matrix (soil/water): WATER Lab Sample ID: 552505

Level (low/med): LOW Date Received: 05/28/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	86.6	~~B~~	U	P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U	~~WN*~~ J	F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	47.7	~~B E~~	J	P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	80.5	~~B N*~~	J	P
7439-92-1	Lead	2.0	U	J	F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	2.2	~~B E~~	U	P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U	~~N~~ J	P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	~~U WN~~	R	F
7440-22-4	Silver	.20	U	~~WN~~ J	F
7440-23-5	Sodium	439	~~B E~~	UJ	P
7440-28-0	Thallium	4.0	~~U N~~	R	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	9.4	~~B~~		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 9

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1060193

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223244

Matrix (soil/water): WATER Lab Sample ID: 552905

Level (low/med): LOW Date Received: 06/02/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	149	~~B~~	U	P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U	~~WN*~~ J	F
7440-39-3	Barium	2.7	~~B~~		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	62.8	~~B~~ ~~E~~ J		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	201		~~N*~~ J	P
7439-92-1	Lead	2.0	U	J	F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	4.8	~~B~~ ~~E~~ U		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U	~~N~~ J	P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	~~U~~ ~~WN~~ R		F
7440-22-4	Silver	.20	U	~~N~~ J	F
7440-23-5	Sodium	531	~~B~~ ~~E~~ UJ		P
7440-28-0	Thallium	4.0	~~U~~ ~~N~~ R		F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	4.6	~~B~~		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 10

INORGANIC SDG 22338

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1060293

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223389

Matrix (soil/water): WATER Lab Sample ID: 553094

Level (low/med): LOW Date Received: 06/03/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	103	~~B~~		P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U	J	F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~W~~ J	F
7440-70-2	Calcium	42.2	~~B~~		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	563			P
7439-92-1	Lead	2.0	U		F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	5.0	~~B~~ U		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U	~~W~~ J	F
7440-22-4	Silver	.20	U	~~W~~ J	F
7440-23-5	Sodium	251	U		P
7440-28-0	Thallium	4.0	U		F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 1

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1060393

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223389

Matrix (soil/water): WATER Lab Sample ID: 553554

Level (low/med): LOW Date Received: 06/04/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.0	U		P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	WJ	F
7440-70-2	Calcium	24.0	U		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	281			P
7439-92-1	Lead	2.0	U		F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	5.9	~~B~~ U		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U	J	F
7440-22-4	Silver	.20	U	J	F
7440-23-5	Sodium	251	U		P
7440-28-0	Thallium	4.0	U		F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	10.6	~~B~~ U		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 2

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1060493

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223389

Matrix (soil/water): WATER Lab Sample ID: 554196

Level (low/med): LOW Date Received: 06/05/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.0	U		P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	WJ	F
7440-70-2	Calcium	31.4	~~B~~		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	180			P
7439-92-1	Lead	2.0	U		F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	10.9	~~B~~		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U	WJ	F
7440-22-4	Silver	.20	U	WJ	F
7440-23-5	Sodium	251	U		P
7440-28-0	Thallium	4.0	U		F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 3

INORGANIC SDG 223389

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1060893

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223389

Matrix (soil/water): WATER Lab Sample ID: 554700

Level (low/med): LOW Date Received: 06/09/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	40.5	~~B~~		P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~W~~ J	F
7440-70-2	Calcium	29.6	~~B~~		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	65.9	~~B~~		P
7439-92-1	Lead	2.0	U		F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	1.0	U		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U	~~W~~ J	F
7440-22-4	Silver	.20	U	J	F
7440-23-5	Sodium	251	U		P
7440-28-0	Thallium	4.0	U		F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 4

INORGANIC SDG 223389

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1061093

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223389

Matrix (soil/water): WATER Lab Sample ID: 555508

Level (low/med): LOW Date Received: 06/11/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.0	U		P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U	~~W~~ J	F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U	~~W~~ J	F
7440-70-2	Calcium	24.0	U		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	65.9	~~B~~		P
7439-92-1	Lead	2.0	U		F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	1.5	~~B~~ U		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U	~~W~~ J	F
7440-22-4	Silver	.20	U	~~W~~ J	F
7440-23-5	Sodium	251	U		P
7440-28-0	Thallium	4.0	U		F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 5

INORGANIC SDG 223389

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1061193

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223389

Matrix (soil/water): WATER Lab Sample ID: 556040

Level (low/med): LOW Date Received: 06/14/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.0	U		P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	3.0	U	~~W~~ J	F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U	~~W~~ J	F
7440-70-2	Calcium	24.0	U		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	8.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	569			P
7439-92-1	Lead	2.0	U		F
7439-95-4	Magnesium	59.0	U		P
7439-96-5	Manganese	3.2	~~B~~ U		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	17.0	U		P
7440-09-7	Potassium	1350	U		P
7782-49-2	Selenium	3.0	U	~~W~~ J	F
7440-22-4	Silver	2.0	U	~~W~~ J	F
7440-23-5	Sodium	251	U		P
7440-28-0	Thallium	4.0	U		F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	5.2	~~B~~ U		P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 6

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1062593

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223603

Matrix (soil/water): WATER Lab Sample ID: 559385

Level (low/med): LOW Date Received: 06/26/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	95.5	~~B~~		P
7440-36-0	Antimony	35.0	U		P
7440-38-2	Arsenic	4.0	U		F
7440-39-3	Barium	2.1	~~B~~		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	N	F
7440-70-2	Calcium	187	~~B~~ U		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	9.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	994			P
7439-92-1	Lead	3.0		~~W~~ J	F
7439-95-4	Magnesium	64.6	~~B~~ E		P
7439-96-5	Manganese	9.7	~~B~~		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	18.0	U		P
7440-09-7	Potassium	1270	U		P
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	.20	U		F
7440-23-5	Sodium	366	~~B~~ U		P
7440-28-0	Thallium	3.0	U	~~W~~ J	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	53.1		J	P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

FORM 1.05 - PAGE 6

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1063093

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223603

Matrix (soil/water): WATER Lab Sample ID: 560418

Level (low/med): LOW Date Received: 07/01/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	114	~~B~~		P
7440-36-0	Antimony	35.0	U		P
7440-38-2	Arsenic	4.0	U	W	F
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	.10	U	~~WN~~ J	F
7440-70-2	Calcium	102	~~B~~ U		P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	9.0	U		P
7440-50-8	Copper	4.0	U		P
7439-89-6	Iron	33.9	~~B~~		P
7439-92-1	Lead	2.0	U	~~N~~ J	F
7439-95-4	Magnesium	48.0	U	E	P
7439-96-5	Manganese	1.0	U		P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	18.0	U		P
7440-09-7	Potassium	1270	U		P
7782-49-2	Selenium	3.0	U	W	F
7440-22-4	Silver	.20	U		F
7440-23-5	Sodium	745	~~B~~ U		P
7440-28-0	Thallium	3.0	U	~~WN~~ J	F
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	34.3		J	P
	Cyanide	10.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 7

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1072293

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223646

Matrix (soil/water): WATER Lab Sample ID: 565335

Level (low/med): LOW Date Received: 07/23/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	44.0	U		P	
7440-36-0	Antimony	35.0	U		P	
7440-38-2	Arsenic	4.0	U		F	UJ
7440-39-3	Barium	2.0	U		P	
7440-41-7	Beryllium	1.0	U		P	
7440-43-9	Cadmium	.10	U	W	F	UJ
7440-70-2	Calcium	50.7	~~B~~		P	U
7440-47-3	Chromium	8.0	U		P	
7440-48-4	Cobalt	9.0	U		P	
7440-50-8	Copper	4.0	U		P	
7439-89-6	Iron	40.9	B		P	
7439-92-1	Lead	2.0	U		F	
7439-95-4	Magnesium	48.0	U		P	
7439-96-5	Manganese	1.0	U		P	
7439-97-6	Mercury	.20	U		CV	
7440-02-0	Nickel	18.0	U		P	
7440-09-7	Potassium	1270	U		P	
7782-49-2	Selenium	3.0	U		F	UJ
7440-22-4	Silver	.40	~~B~~	N	F	J
7440-23-5	Sodium	123	B		P	
7440-28-0	Thallium	3.0	U	WN	F	UJ
7440-62-2	Vanadium	6.0	U		P	
7440-66-6	Zinc	4.0	U		P	
	Cyanide	10.0	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 19

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB-72393

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223646

Matrix (soil/water): WATER Lab Sample ID: 565457

Level (low/med): LOW Date Received: 07/24/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	44.0	U		P	
7440-36-0	Antimony	35.0	U		P	
7440-38-2	Arsenic	4.0	U	W	F	UJ
7440-39-3	Barium	2.0	U		P	
7440-41-7	Beryllium	1.0	U		P	
7440-43-9	Cadmium	.10	U	W	F	UJ
7440-70-2	Calcium	31.8	B		P	U
7440-47-3	Chromium	8.0	U		P	
7440-48-4	Cobalt	9.0	U		P	
7440-50-8	Copper	4.0	U		P	
7439-89-6	Iron	25.0	U		P	
7439-92-1	Lead	2.0	U		F	
7439-95-4	Magnesium	48.0	U		P	
7439-96-5	Manganese	1.0	U		P	
7439-97-6	Mercury	.20	U		CV	
7440-02-0	Nickel	18.0	U		P	
7440-09-7	Potassium	1270	U		P	
7782-49-2	Selenium	3.0	U	W	F	UJ
7440-22-4	Silver	.20	U	N	F	UJ
7440-23-5	Sodium	132	B		P	
7440-28-0	Thallium	3.0	U	N	F	UJ
7440-62-2	Vanadium	6.0	U		P	
7440-66-6	Zinc	4.0	U		P	
	Cyanide	10.0	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 18

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RBI-72793

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223704

Matrix (soil/water): WATER Lab Sample ID: 566254

Level (low/med): LOW Date Received: 07/29/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	44.0	U		P	
7440-36-0	Antimony	35.0	U		P	
7440-38-2	Arsenic	4.0	U	W	F	UJ
7440-39-3	Barium	2.0	U		P	
7440-41-7	Beryllium	1.0	U		P	
7440-43-9	Cadmium	.10	U	N	F	UJ
7440-70-2	Calcium	42.5	~~B~~		P	U
7440-47-3	Chromium	8.0	U		P	
7440-48-4	Cobalt	9.0	U		P	
7440-50-8	Copper	4.0	U		P	
7439-89-6	Iron	25.0	U		P	
7439-92-1	Lead	2.0	U		F	
7439-95-4	Magnesium	48.0	U		P	
7439-96-5	Manganese	1.0	U		P	
7439-97-6	Mercury	.20	U		CV	
7440-02-0	Nickel	18.0	U		P	
7440-09-7	Potassium	1270	U		P	
7782-49-2	Selenium	3.0	U	WN	F	UJ
7440-22-4	Silver	.20	U	W	F	UJ
7440-23-5	Sodium	186	B		P	
7440-28-0	Thallium	30.0	U	N	F	UJ
7440-62-2	Vanadium	6.0	U		P	
7440-66-6	Zinc	4.0	U		P	
	Cyanide	10.0	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 20

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RB1-72893

Lab Name: COMPUCHEM LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: _____ SDG No.: 223704

Matrix (soil/water): WATER Lab Sample ID: 566380

Level (low/med): LOW Date Received: 07/29/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	44.0	U		P	
7440-36-0	Antimony	49.0	B		P	
7440-38-2	Arsenic	4.0	U		F	
7440-39-3	Barium	2.0	U		P	
7440-41-7	Beryllium	1.0	U		P	
7440-43-9	Cadmium	.10	U	N	F	UJ
7440-70-2	Calcium	74.1	B		P	
7440-47-3	Chromium	8.0	U		P	
7440-48-4	Cobalt	9.0	U		P	
7440-50-8	Copper	4.0	U		P	
7439-89-6	Iron	64.4	B		P	
7439-92-1	Lead	2.0	U		F	
7439-95-4	Magnesium	48.0	U		P	
7439-96-5	Manganese	1.2	B		P	
7439-97-6	Mercury	.20	U		CV	
7440-02-0	Nickel	18.0	U		P	
7440-09-7	Potassium	1270	U		P	
7782-49-2	Selenium	3.0	U	N	F	UJ
7440-22-4	Silver	.20	B	W	F	J
7440-23-5	Sodium	165	B		P	
7440-28-0	Thallium	30.0	U	WN	F	UJ
7440-62-2	Vanadium	6.0	U		P	
7440-66-6	Zinc	4.0	U		P	
	Cyanide	10.0	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
FORM 1.05 - PAGE 19

INORGANIC SDG 223767

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RB1072993

Lab Name: COMPUCHEM_LABORATORIES Contract: 3/90

Lab Code: COMPU_ Case No.: 50050_ SAS No.: _____ SDG No.: 223767

Matrix (soil/water): WATER Lab Sample ID: 567060

Level (low/med): LOW Date Received: 07/30/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	44.0	U	*	P	UJ
7440-36-0	Antimony	35.0	U		P	
7440-38-2	Arsenic	4.0	U	WN	F	UJ
7440-39-3	Barium	2.0	U		P	
7440-41-7	Beryllium	1.0	U		P	
7440-43-9	Cadmium	1.0	U	WN	F	UJ
7440-70-2	Calcium	95.8	~~B~~		P	U
7440-47-3	Chromium	8.0	U		P	
7440-48-4	Cobalt	9.0	U		P	
7440-50-8	Copper	4.0	U		P	
7439-89-6	Iron	25.0	U		P	
7439-92-1	Lead	2.0	U		F	UJ
7439-95-4	Magnesium	48.0	U		P	
7439-96-5	Manganese	1.0	U		P	
7439-97-6	Mercury	0.20	U		CV	
7440-02-0	Nickel	18.0	U		P	
7440-09-7	Potassium	1270	U		P	
7782-49-2	Selenium	3.0	U	WN	F	UJ
7440-22-4	Silver	1.0	U	W	F	UJ
7440-23-5	Sodium	252	B		P	
7440-28-0	Thallium	3.0	U	WN	F	UJ
7440-62-2	Vanadium	6.0	U		P	
7440-66-6	Zinc	5.8	~~B~~	*	P	UJ
	Cyanide	5.0	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

INORGANIC SDG 223767

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RB1073093

Lab Name: COMPUCHEM_LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: SDG No.: 223767

Matrix (soil/water): WATER Lab Sample ID: 567282

Level (low/med): LOW Date Received: 07/31/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	44.0	U	*	P	UJ
7440-36-0	Antimony	35.0	U		P	
7440-38-2	Arsenic	4.0	U	N	F	
7440-39-3	Barium	2.0	U		P	
7440-41-7	Beryllium	1.0	U		P	
7440-43-9	Cadmium	1.0	U	WN	F	UJ
7440-70-2	Calcium	42.5	~~B~~		P	U
7440-47-3	Chromium	8.0	U		P	
7440-48-4	Cobalt	9.0	U		P	
7440-50-8	Copper	4.0	U		P	
7439-89-6	Iron	25.0	U		P	
7439-92-1	Lead	2.0	U		F	UJ
7439-95-4	Magnesium	48.0	U		P	
7439-96-5	Manganese	1.0	U		P	
7439-97-6	Mercury	0.20	U		CV	
7440-02-0	Nickel	18.0	U		P	
7440-09-7	Potassium	1270	U		P	
7782-49-2	Selenium	3.0	U	WN	F	UJ
7440-22-4	Silver	1.0	U	W	F	UJ
7440-23-5	Sodium	168	B		P	
7440-28-0	Thallium	3.0	U	WN	F	UJ
7440-62-2	Vanadium	6.0	U		P	
7440-66-6	Zinc	4.0	U	*	P	UJ
	Cyanide	5.0	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC SDG 223767

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RB1080993

Lab Name: COMPUCHEM_LABORATORIES Contract: 3/90

Lab Code: COMPU Case No.: 50050 SAS No.: SDG No.: 223767

Matrix (soil/water): WATER Lab Sample ID: 569315

Level (low/med): LOW Date Received: 08/10/93

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	44.0	U	*	P	UJ
7440-36-0	Antimony	35.0	U		P	
7440-38-2	Arsenic	4.0	U	N	F	
7440-39-3	Barium	2.0	U		P	
7440-41-7	Beryllium	1.0	U		P	UJ
7440-43-9	Cadmium	1.0	U	WN	F	U
7440-70-2	Calcium	161	B		P	
7440-47-3	Chromium	8.0	U		P	
7440-48-4	Cobalt	9.0	U		P	
7440-50-8	Copper	4.0	U		P	
7439-89-6	Iron	91.4	B		P	
7439-92-1	Lead	2.5	B		F	
7439-95-4	Magnesium	48.0	U		P	
7439-96-5	Manganese	4.6	B		P	
7439-97-6	Mercury	0.20	U		CV	
7440-02-0	Nickel	18.0	U		P	
7440-09-7	Potassium	1270	U		P	
7782-49-2	Selenium	3.0	U	N	F	UJ
7440-22-4	Silver	1.0	U		F	UJ
7440-23-5	Sodium	217	B		P	
7440-28-0	Thallium	3.0	U	N	F	UJ
7440-62-2	Vanadium	6.0	U		P	
7440-66-6	Zinc	16.8	B	*	P	UJ
	Cyanide	5.0	U		AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

APPENDIX C

PHASE II SOIL BORING LOGS

APPENDIX C
TYPICAL SOIL BORING LOG DESCRIPTION ITEMS

Depth: Depth below ground surface in feet. Split spoon samples taken in 2-foot increments.

Blows: Number of blows of a 140-pound hammer necessary to drive the split spoon 6-inches.

HNu: Head space measurement of total volatile organics in individual split spoon samples. Measured with an HNu calibrated to methane.

Soil Description: Color

Predominant grain size: clay, silt, sand (F,M,C), gravel (F,M)

Secondary grain size listed with estimate of one of the following proportions: trace (0-10%); little (10-20%); some (20-35%); and (35-50%).

Location of water table based on soil saturation.

Evidence of contamination: odor, color, oil, sheen, etc.

Lithology:

FILL, typically brown to black, F-M sand, little gravel and debris, trace silt

SILT, typically gray to black, trace clay

Fine SAND and SILT, typically brown to gray, loose to cohesive

Fine SAND, typically contains trace to little M sand and/or silt and gravel

Fine to Medium SAND / Medium SAND, typically contains trace to little silt and gravel

Fine to Coarse SAND / Medium to Coarse SAND / Coarse SAND, typically contains trace to little silt and gravel

PEAT, brown fibrous organic material, trace silt

BEDROCK - Shale, Quartzite, Schist, Gneiss

SILT and SAND and GRAVEL and / or Weathered BEDROCK, typically gray to black, loose to cohesive

APPENDIX C-1

NCBC - Davisville
Site 09 - Allen Harbor Landfill
Test Boring Data

WELL NUMBER	DATE COMPLETED	RHODE ISLAND GRID COORDINATES NORTH	EAST	GROUND ELEV.	DEPTH OF BORING
B-1	05/27/93	196442.81	522149.93	13.50	20.0
B-2	05/21/93	196674.89	522325.34	10.99	13.0
B-3	05/27/93	196436.11	522370.84	9.44	13.0
B-4	05/19/93	196768.96	522456.76	17.20	21.0
B-5	05/20/93	196560.73	522524.47	18.80	12.0
B-6	05/20/93	196618.69	522710.07	19.06	18.0
B-7	05/19/93	197272.76	522684.80	16.87	24.0
B-8	05/21/93	197601.71	522806.23	11.33	22.0

Test Boring: B-01
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Boring Depth: 20 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Test Boring Coordinates:
N 196,442.81
E 522,149.93

Date Started: May 27, 1993
Date Completed: May 27, 1993
Depth to Water: 13 FEET
Ground Elevation: 13.50 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description	Lithology
0-2	3	7	0	0	Black/Grey FILL, M-C sand, tr wood & pottery debris, dry, no odor.	0.0
	12	20			16" recovery.	
2-4	14	7	0	0	Black FILL, M sand, tr metal & glass debris.	
	9	8			10" recovery.	
4-6	7	8	0	0	Dk Brown FILL, M-C sand, tr metal debris, moist, no odor.	
	15	24			16" recovery.	
6-8	30	32	0.4	0	0-8" Dk Brown FILL, F-M sand, little gravel.	
	26	49			8-12" Concrete fragments. 12-16" Dk Brown F SAND, tr silt & gravel, dry.	
9-11	10	13	2	0	Dk Brown FILL, M-F sand, moist, no odor.	
	100/3"				8" recovery.	11.0
11-13	4	12	0	0	Dk Brown F-M SAND, little gravel, moist.	
	5	8			8" recovery.	
13-15	8	7	4	0	0-10" Same as above.	14.0
	12	18			10-22" Brown/Grey SILT, little F sand, wet.	
18-20	8	7	2	0	Dk Grey SILT, tr F sand, wet, no odor.	
	7	9			20" recovery.	
						20.0

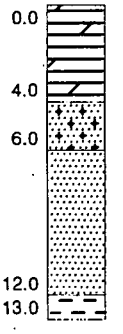
Sample 09-B1-01 collected from 0-2'
Sample 09-B1-07 collected from 12-14'

Test Boring: B-02
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Boring Depth: 13 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,674.89
E 522,325.34

Date Started: May 21, 1993
Date Completed: May 21, 1993
Depth to Water: 6 FEET
Ground Elevation: 10.94 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description	Lithology
0-2	-	-	0	0	0-12" Asphalt	0.0
	10	50/0"			12-20" Dk Brown FILL, F-M sand, tr silt, moist, no odor.	
2-4	100/4"		-	-	No Recovery. Wood in tip of split-spoon.	4.0
4-6	8	14	0	0	Brown/Grey F-M SAND, moist, no odor.	
	14	15			17" recovery.	6.0
6-8	10	10	0	0	Grey/brown F SAND, tr silt, wet, no odor.	
	14	14			24" Recovery.	
11-13	6	6	0	0	0-22" Same as above.	12.0
	5	4			22-24" Dk Grey SILT, tr fine sand, wet, no odor.	13.0



Sample 09-B2-01 collected from 0-2'
Sample 09-B2-03 collected from 4-6'

Test Boring: B-03
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Boring Depth: 13 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,436.11
E 522,370.84

Date Started: May 27, 1993
Date Completed: May 27, 1993
Depth to Water: 5 FEET
Ground Elevation: 9.44 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description	Lithology
0-2	3	12	10	0	Brown FILL, M-C sand, little gravel, wood & glass debris, no odor,	0.0
	30	30			dry. 16" recovery.	
2-4	50/2"		-	-	No Recovery.	
4-6	10	20	200	2	0-4" Dk Brown/black F-M SAND, little gravel, slight petroleum	
	13	10			odor. 4-18" Brown F SAND, tr silt, wet.	
6-8	50/0"		-	-	No Recovery.	
7-9	9	15	60	13	Black FILL, M-C sand, little gravel, strong odor, wet.	
	13	10			14" recovery.	
9-11	8	10	-	-	Black F-M SAND, tr silt, wet, no odor.	9.0
	10	11			4" recovery.	
11-13	12	12	40	0	Dk Grey SILT, little F sand, no odor.	11.0
	12	10			18" recovery.	
						13.0

Sample 09-B3-01 collected from 0-2'
Sample 09-B3-03 collected from 4-6'

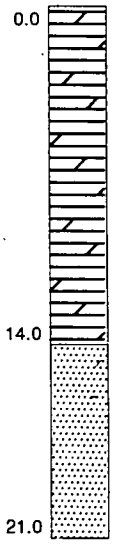
Test Boring: B-04
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Boring Depth: 21 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,768.96
E 522,456.76

Date Started: MAY 19, 1993
Date Completed: MAY 19, 1993
Depth to Water: 12 FEET
Ground Elevation: 17.20 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	14	24	0	0	0-8" Dk Brown F-M SAND, little gravel.
	50	44			8-17" Lt Brown M-C SAND, little gravel, no odor, moist.
2-4	28	13	0	0	Brown M-F SAND, little gravel, moist, no odor.
	22	15			
4-6	12	7	1	0	Grey FILL, M-C SAND, little/some gravel, paper in tip of split-spoon, moist, no odor. 8" recovery.
	50/5"				
6-8	26	100/5"	15	2	Dk Brown/Black FILL, M-F sand, little paper and wood debris, moist, slight odor. 12" recovery.
8-10	14	16	11	1	Black FILL, M-F sand, some/little glass and metal debris, moist, slight odor. 16" recovery.
	19	30			
10-12	23	100/3"	-	-	No Recovery.
12-14	15	36	200	-	Black FILL, F sand, some silt, petroleum odor, visible sheen.
	100/3"				
14-16	12	20	-	-	Dk Brown F SAND, tr silt, slight petroleum odor, wet. 18" recovery.
	33	28			
19-21	1	1	-	-	Black F SAND, little silt, petroleum odor, wet. 20" recovery.
	3	5			

Lithology



Sample 09-B4-01 collected from 0-2'
Sample 09-B4-05 collected from 8-10'

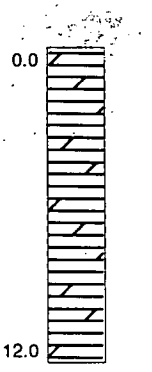
Test Boring: B-05
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Boring Depth: 12 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,560.73
E 522,524.47

Date Started: MAY 20, 1993
Date Completed: MAY 20, 1993
Depth to Water: Not determined
Ground Elevation: 18.80 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	3	13	0	-	Black FILL, M-F sand, tr silt, moist. 20" recovery.
	19	62			
2-4	39	42	0	-	Brown FILL, M-F sand, little gravel, asphalt pieces, moist, no odor. 20" recovery.
	37	26			
4-6	15	23	3	-	0-4" Black FILL, F sand, little silt, moist, no odor.
	30	14			4-12" Brown FILL, M-F sand, little gravel, moist.
6-8	8	11	0	-	Brown F SAND, little silt, tr gravel, moist, no odor. 8" recovery.
	14	23			
8-10	21	43	7	-	0-7" Brown FILL, F-M sand, little gravel, asphalt debris, moist.
	80	100/3"			7-12" Black FILL, F SAND, little gravel & silt, moist, slight odor.
10-12	70	100/3"	80	-	Black FILL, M-F sand, tr silt, trace wood & copper debris, moist, strong petroleum odor. 6" recovery.

Lithology



Auger refusal at 11 feet.

Sample 09-B5-01 collected from 0-2'
Sample 09-B5-06 collected from 10-12'

Test Boring: B-06
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Boring Depth: 18 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,618.69
E 522,710.07

Date Started: MAY 20, 1993
Date Completed: MAY 20, 1993
Depth to Water: 16 FEET
Gound Elevation: 19.06 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	10	23	0	1	Brown F-M SAND, little gravel, dry, no odor.
	27	18			14" recovery.
2-4	26	75	0	3	Same as above, 4" recovery.
	53	32			
4-6	25	24	0	0	Brown F-M SAND, tr gravel, dry, no odor. 2" recovery.
	19	12			
6-8	10	10	0	3	Same as above with thin wire pieces, dry, no odor.
	40	40			6" recovery.
8-10	6	9	0	6	Dk Brown F-M SAND, tr gravel & silt, moist, no odor.
	11	18			16" recovery.
10-12	20	19	7	1	0-6" Same as above
	21	100/3"			6-12" FILL, rags, nails, little fine sand, moist.
12-14	100/3"		60	12	Dk Grey F-M SAND and FILL (glass, wire), slight odor, moist.
					3" recovery.
14-16	20	85	90	-	Dk Grey F-M SAND, little silt, tr gravel, moist, no odor.
	66	34			2" recovery.
16-18	100/4"		100	-	Black FILL, F sand, little silt, wire screen & wood in tip of spoon,
					wet. 4" recovery.
17.5-19.5	100/0"		-	-	No recovery, wood in tip of split-spoon.

Lithology

Sample 09-B6-01 collected from 0-2'
Sample 09-B6-07 collected from 12-14'

Test Boring: B-07
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Boring Depth: 24 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 197,272.76
E 522,684.80

Date Started: MAY 19, 1993
Date Completed: MAY 19, 1993
Depth to Water: 12 FEET
Ground Elevation: 16.87 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description	Lithology
0-2	7	18	2	-	Dk Brown/black FILL, F-C sand, little gravel & concrete and asphalt debris, no odor, dry. 18" recovery.	0.0
	27	100/5"				
2-4	80	100/5"	13	13	Dk Brown/Black FILL, M-C sand, some asphalt, slight odor, dry. 8" recovery.	
4-6	35	80	12	-	Black FILL, tar paper, no odor. 20" recovery.	
	47	27				
6-8	25	34	70	5	Black FILL, M-C sand, little gravel, wood in tip of split-spoon, strong odor, wet.	
	41	31				
8-10	21	36	90	14	Black FILL, F-M sand, little gravel, fiber material, strong odor, wet. 8" recovery.	
	100/4"					
10-12	45	54	600	50	0-6" Same as above.	
	49	29			6-18" Brown F-M SAND, strong petroleum odor, dry.	
12-14	17	16	550	0	0-6" Black F-M SAND, little gravel, organic material.	13.0
	9	15			6-12" Black F SAND & SILT with organic material.	
						17.0
17-19	4	6	20	0	Dk Grey SILT, some clay, wet. 16" recovery.	
	10	10				
22-24	6	11	10	-	Same as above. 12" recovery.	
	15	16				
						24.0

Sample 09-B7-01 collected from 0-2'
Sample 09-B7-04 collected from 6-8'
Sample 09-B7-06 collected from 10-12'

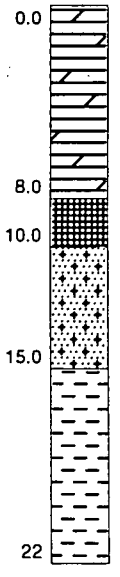
Test Boring: B-08
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Boring Depth: 22 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 197,601.71
E 522,806.23

Date Started: MAY 21, 1993
Date Completed: MAY 21, 1993
Depth to Water: 12 FEET
Ground Elevation: 11.33 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	55	40	0	0	0-6" Brown F-M SAND, little gravel. 6-9" Concrete.
	38	25			9-16" Dk Brown F-M SAND, tr silt, dry, no odor.
2-3.5	48	4	-	-	No Recovery. Only 1.5' interval collected due to rods going off-line.
	22				
4-6	23	16	-	-	No Recovery.
	17	50/3"			
6-8	34	10	60	40	Black FILL, wood with F-M sand, tr gravel, strong odor, moist.
	7	11			12" recovery.
8-10	6	3	400	7	0-2" Black FILL, wood with F-M sand.
	4	7			2-24" Dk Brown PEAT
10-12	3	12	0	0	Dk Grey F-M SAND, little silt, organic material, wet at tip of split-spoon.
	21	30			
15-17	6	9	0	3	Grey SILT, little clay, wet, no odor.
	11	11			14" recovery.
20-22	7	14	0	0	Dk Grey SILT, very cohesive, moist, no odor.
	17	25			

Lithology



Sample 09-B8-01 collected from 0-2'
Sample 09-B8-04 collected from 6-8'
Sample 09-B8-06 collected from 10-12'

APPENDIX D

PHASE II MONITORING ING WELL LOGS

APPENDIX D
TYPICAL SOIL BORING LOG DESCRIPTION ITEMS

Depth: Depth below ground surface in feet. Split spoon samples taken in 2-foot increments.

Blows: Number of blows of a 140-pound hammer necessary to drive the split spoon 6-inches.

HNu: Head space measurement of total volatile organics in individual split spoon samples. Measured with an HNu calibrated to methane.

Soil Description: Color

Predominant grain size: clay, silt, sand (F,M,C), gravel (F,M)

Secondary grain size listed with estimate of one of the following proportions: trace (0-10%); little (10-20%); some (20-35%); and (35-50%).

Location of water table based on soil saturation.

Evidence of contamination: odor, color, oil, sheen, etc.

Lithology:

FILL, typically brown to black, F-M sand, little gravel and debris, trace silt

SILT, typically gray to black, trace clay

Fine SAND and SILT, typically brown to gray, loose to cohesive

Fine SAND, typically contains trace to little M sand and/or silt and gravel

Fine to Medium SAND / Medium SAND, typically contains trace to little silt and gravel

Fine to Coarse SAND / Medium to Coarse SAND / Coarse SAND, typically contains trace to little silt and gravel

PEAT, brown fibrous organic material, trace silt

BEDROCK - Shale, Quartzite, Schist, Gneiss

SILT and SAND and GRAVEL and / or Weathered BEDROCK, typically gray to black, loose to cohesive

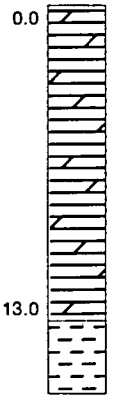
Monitoring Well: MW-5S
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 15.5 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,420.51
E 522,247.25

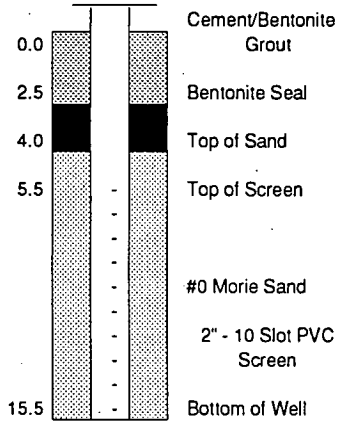
Date Started: JUNE 7, 1993
Date Completed: JUNE 7, 1993
Depth to Water: 8 Feet
Monitoring Well Elevations:
Top of PVC = 14.81
Ground Elevation = 12.71

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	3 16	6 25	0	0	Brown FILL: F-M SAND, little gravel, moist, no odor, 10" recovery.
2-4	13 26	28 17	4	0	Black/brown FILL: F-M SAND, some debris (glass & plastic), moist, no odor, 20" recovery.
4-6	84	50/2	3	0	Dark brown FILL: F-M SAND, broken cobble fragments, moist, no odor, 13' recovery.
6-8	25 100/5	35	4	0	Brown FILL: F-M SAND, some debris (wood, wire, cloth), moist, no odor, 9" recovery.
8-10	100/4		20	2	Black FILL: F-M SAND, little gravel, strong Kerosene odor, moist, 4" recovery.
10-12	85	100/2	5	6	Same as above, strong Kerosene odor, 12" recovery.
13-15			9	-	Gray SILT, some F sand, wet, slight Kerosene odor, 14" recovery.

Lithology



Monitoring Well Construction



Sample 09-MW5-01 collected from 0-2'
Sample 09-MW5-04 collected from 6-8'
Sample 09-MW5-06 collected from 10-12'

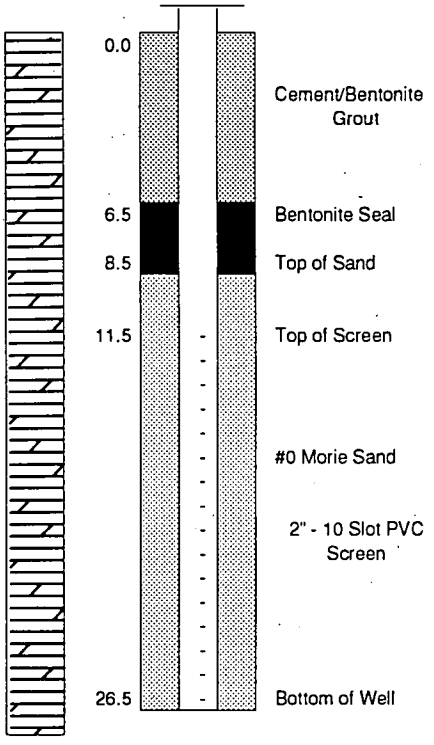
Monitoring Well: MW-6S
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 26.5 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,621.45
E 522,451.95

Date Started: JUNE 10, 1993
Date Completed: JUNE 11, 1993
Depth to Water: 16 Feet
Monitoring Well Elevations:
Top of PVC = 24.13
Ground Elevation = 21.78

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	2	5	0	0	Dk brown F-M SAND, tr gravel, dry, no odor,
	10	23			20" recovery.
2-4	40	44	0	0	Dk brown F SAND, little M sand, tr gravel, shell fragments
	60	67			moist, no odor, 16" recovery.
4-6	8	24	0	1	0-6" same as above. 6-14" Brown FILL: M-F SAND,
	22	25			little gravel, asphalt fragments, dry, no odor, 14" recovery.
6-8	15	6	0	0	Brown FILL: F-M SAND, little gravel, asphalt, wood,
	8	18			yellow material, moist, no odor, 18" recovery.
8-10	100/5"		0	0	Black FILL: F-M SAND, wood & metal debris, dry,
					no odor, 2" recovery.
10-12	31	69	0	0	No recovery.
12-14	27	66	2	0	Dk brown FILL: F-M SAND, wood & metal debris,
	100/5"				cobbles, moist, slight odor, 4" recovery.
14-16	50	23	18	13	Black FILL: F-M SAND, little gravel, debris (wire, rags,
	20	30			bricks), moist, slight odor, 18" recovery.
16-18	17	16	290	0	Black FILL: F-M SAND, little silt, debris (wire & cloth),
	15	14			wet, slight odor, 9" recovery.
18-20	27	20	-	-	No recovery.
	14	9			
20-22	13	40	7	0	Black FILL: F-M SAND, little silt & gravel, wet,
	100/5"				petroleum odor, 8" recovery.
22-24	38	90	12	0	0-6" Black M-C SAND, some gravel. 6-18' Black
	140/6"				F-M SAND, little silt, wet, no odor, 18" recovery.
24-26	10	7	4	0	Black FILL: SILT, some F sand, little gravel & debris
	8	12			(metal, glass, wire), wet, slight odor, 8'recovery.
26-28	4	4	20	0	Black FILL: F-M SAND, some silt, little gravel, trace
	1	1			debris (wire & metal fragments), wet, no odor,
					6" recovery.

Lithology / Monitoring Well Construction



Sample 09-MW6-01 collected from 0-2'
Sample 09-MW6-08 collected from 14-16'

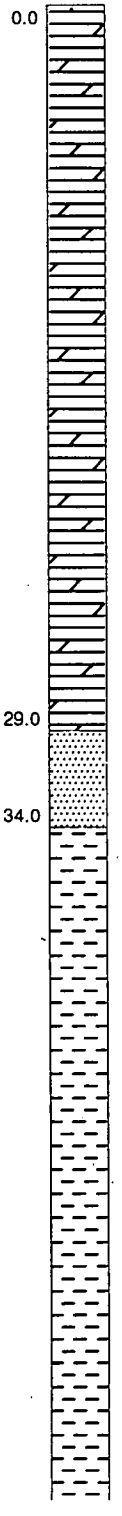
Monitoring Well: MW-6D
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 67 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,619.51
E 522,457.27

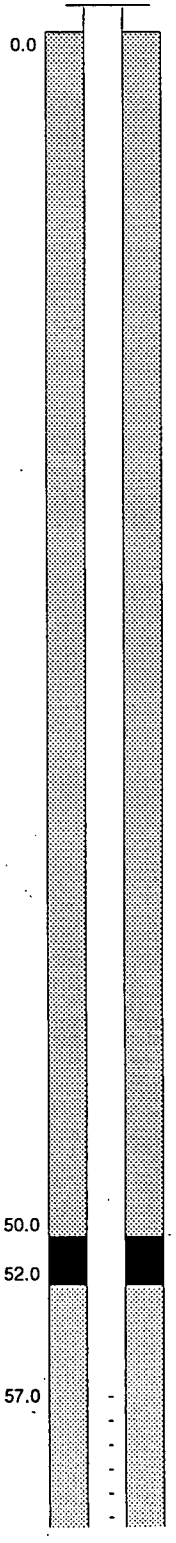
Date Started: JUNE 8, 1993
Date Completed: JUNE 10, 1993
Depth to Water: 16 Feet
Monitoring Well Elevations:
Top of PVC = 24.72
Ground Elevation = 22.37

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	2 10	5 23	0	0	Dk brown F-M SAND, tr gravel, dry, no odor, 20" recovery.
2-4	40 60	44 67	0	0	Dk brown F SAND, little M sand, tr gravel, shell fragments moist, no odor, 16" recovery.
4-6	8 22	24 25	0	1	0-6" same as above. 6-14" Brown FILL: M-F SAND, little gravel, asphalt fragments, dry, no odor, 14" recovery.
6-8	15 8	6 18	0	0	Brown FILL: F-M SAND, little gravel, asphalt, wood, yellow material, moist, no odor, 18" recovery.
8-10	100/5"		0	0	Black FILL: F-M SAND, wood & metal debris, dry, no odor, 2" recovery.
10-12	31	69	-	-	No recovery.
12-14	27 100/5"	66	2	0	Dk brown FILL: F-M SAND, wood & metal debris, cobbles, moist, slight odor, 4" recovery.
14-16	50 20	23 30	18	13	Black FILL: F-M SAND, little gravel, debris (wire, rags, bricks), moist, slight odor, 18" recovery.
16-18	17 15	16 14	290	0	Black FILL: F-M SAND, little silt, debris (wire & cloth), wet, slight odor, 9" recovery.
18-20	27 14	20 9			No recovery.
20-22	13 100/5"	40	7	0	Black FILL: F-M SAND, little silt & gravel, wet, petroleum odor, 8" recovery.
22-24	38 140/6"	90	12	0	0-6" Black M-C SAND, some gravel. 6-18' Black F-M SAND, little silt, wet, no odor, 18" recovery.
24-26	10 8	7 12	4	0	Black FILL: SILT, some F sand, little gravel & debris (metal, glass, wire), wet, slight odor, 8'recovery.
26-28	4 1	4 1	20	0	Black FILL: F-M SAND, some silt, little gravel, trace debris (wire & metal fragments), wet, no odor, 6" recovery.
29-31	7 5	8 6	300	0	Gray F SAND, little silt, wet, no odor, 14" recovery.
34-36	2 2	1 3	10	0	Gray SILT, little F sand, wet, no odor, 6" recovery.
39-41	2 5	4 4	10	0	Gray SILT, tr F sand, wet, no odor, 12" recovery.
44-46	3 2	2 3	0.5	0	Same as above, 21" recovery.
49-51	3 4	3 5	0	0	Same as above, 11" recovery.
54-56	3 3	3 6	0	0	Same as above, 16" recovery.
59-61	6 3	3 8	0	0	Same as above, 17" recovery.

Lithology



Monitoring Well Construction



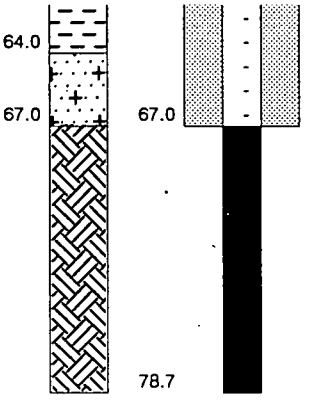
Monitoring Well: MW-6D (continued)
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 67 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,619.51
E 522,457.27

Date Started: JUNE 8, 1993
Date Completed: JUNE 10, 1993
Depth to Water: 16 Feet
Monitoring Well Elevations:
Top of PVC = 24.72
Ground Elevation = 22.37

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
64-66	23	23	0	0	Gray M-C SAND, some gravel, little silt, wet,
	20	32			no odor, 10" recovery.
67-69	100/5"				Bedrock
68.2-78.7					0.0-0.5' Light gray, fine-medium grained META SANDSTONE
	5' Core Run #1				GNEISS, massive and competent. Mineralogy: primarily
	2.8' recovery				quartz, plagioclase, biotite and muscovite.
					0.5-1.6' Dark gray SCHIST, brittle and shattered. Mineralogy:
					biotite, muscovite, horneblende.
					1.6-7.1' Light gray , fine-medium grained META SANDSTONE
	5' Core Run #1				GNEISS, massive, competent. Mineralogy same as 0-0.5'.
	4.3' recovery				Few iron stained fractures dipping from 10-60 degrees.

Lithology



Monitoring Well Construction

2" - 10 Slot PVC Screen

Bottom of Well

Bentonite Chips

Bottom of Core

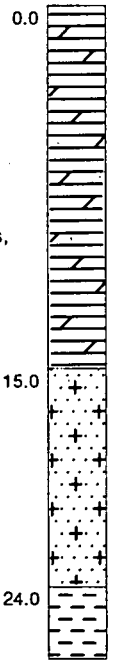
Monitoring Well: MW-7S
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 24.5 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,794.42
E 522,590.30

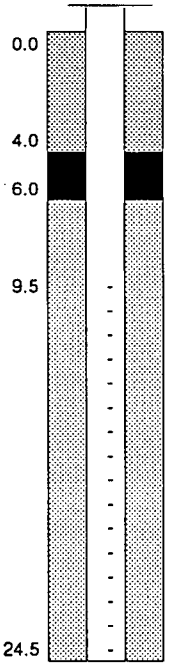
Date Started: MAY 27, 1993
Date Completed: MAY 28, 1993
Depth to Water: 15 Feet
Monitoring Well Elevations:
Top of PVC = 21.40
Ground Elevation = 19.47

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	4	100/3"	4	0	0-6" Black M-C SAND, tr. gravel.
					6-12" Brown F-M SAND, little gravel, no odor.
2-4	6	6	>1000	0	0-4" Black F-M SAND, little gravel.
	6	6			4-18" Lt brown M-C SAND, some gravel, dry, no odor.
4-6	7	8	30	0	0-6" Lt. brown M-C SAND, little gravel.
	9	13			6-12" Lt gray M-C SAND, little gravel, dry, no odor.
6-8	31	76	50	8	0-6" Brown F-M SAND, little gravel.
	70	80			6-12" FILL, paper, plastic, wood, metal.
					12-18" Same as 0-6" interval.
9-11	49	40	800	4	0-6" FILL, garbage, paper, glass, sand, wood, rock fragments,
	46	35			dry garbage odor.
11-13	18	45	120	0	Black FILL, some f-m sand, wood fragments, paper, metal,
	35	57			rock in tip, slight odor, dry, recovery = 14".
13-15	42	50			No recovery, cloth stuck in basket of split spoon, wet.
	48	32			
15-17	16	10	1000	1	Black F-M SAND, tr. gravel, no odor, wet,
	9	9			16" recovery.
20-22	5	5	300	0	Brown M-C SAND, wet.
	8	10			24" recovery
24-26	10	10	25	0	0-8" Gray SILT, little f sand.
	12	18			8-12" Gray F-M SAND, wet.

Lithology



Monitoring Well Construction



Sample 09-MW7-02 collected from 2-4'
Sample 09-MW7-06 collected from 10-12'

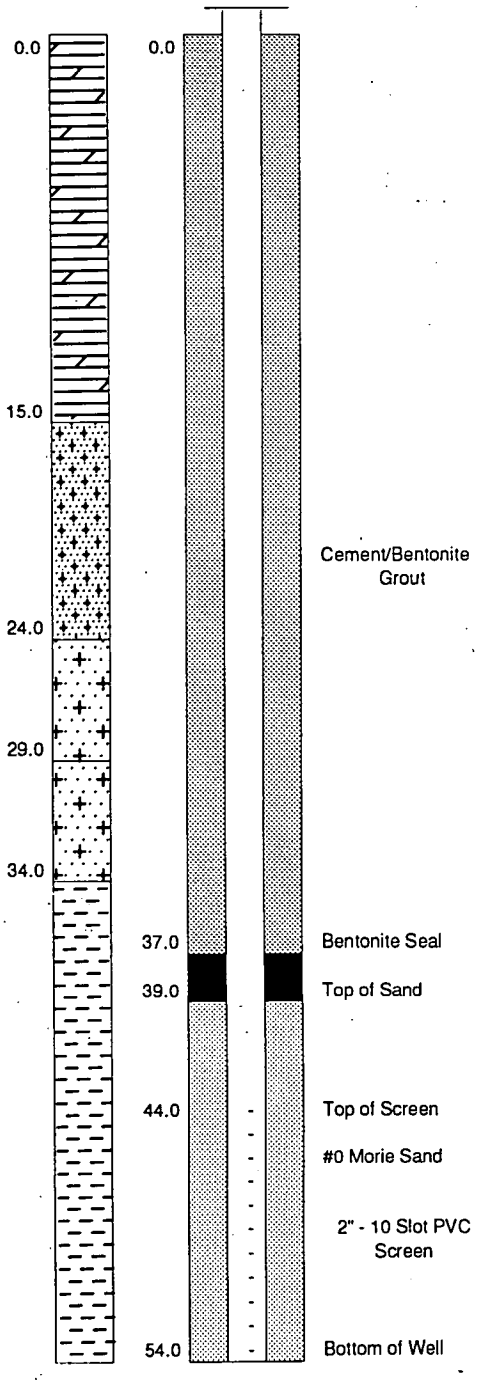
Monitoring Well: MW-7D
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 54 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,790.27
E 522,584.88

Date Started: JUNE 4, 1993
Date Completed: JUNE 4, 1993
Depth to Water: 15 Feet
Monitoring Well Elevations:
Top of PVC = 21.39
Ground Elevation = 19.35

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	4	100/3"	4	0	0-6" Black M-C SAND, tr. gravel. 6-12" Brown F-M SAND, little gravel, no odor.
2-4	6 6	6 6	>1000	0	0-4" Black F-M SAND, little gravel. 4-18" Lt Brown M-C SAND, some gravel, dry, no odor.
4-6	7 9	8 13	30	0	0-6" Lt. Brown M-C SAND, little gravel. 6-12" Lt gray M-C SAND, little gravel, dry, on odor.
6-8	31 70	76 80	50	8	0-6" Brown F-M SAND, little gravel. 6-12" FILL, paper, plastic, wood, metal. 12-18 Same as 0-6" interval, garbage odor, dry.
9-11	49 46	40 35	800	4	0-6" FILL, garbage, paper, glass. 6-24" Black FILL, sand, wood, glass, dry, garbage odor.
11-13	18 35	45 57	120	0	Same as 6-24" interval above, rock in tip, slight odor, dry. 14" recovery.
13-15	42 48	50 32			No recovery, cloth stuck in basket of split spoon, wet.
15-17	16 9	10 9	1000	1	Black F-M SAND, tr gravel, no odor, wet. 16" recovery.
20-22	5 8	5 10	300	0	Brown M-C SAND, wet. 12" recovery.
24-26	10 12	10 18	25	0	0-8" Gray SILT, little f sand. 8-12" Gray F-M Sand, wet. 12" recovery.
29-31	7 8	8 8	70	-	Gray M-C SAND, some silt & silt layers, wet, TCE odor. 15" recovery.
34-36	8 4	2 3	20	-	Gray SILT, tr F sand, wet, TCE odor. 6" recovery.
39-41	2 2	1 2	90	-	Gray SILT, tr f sand, wet, TCE odor. 14" recovery.
44-46	3 2	2 3	40	-	Gray stiff SILT, tr f sand, little TCE odor. 20" recovery.
49-51	6 2	2 4	10	-	Same as above, weak TCE odor. 10" recovery.
54-56	100/3"		-	-	No recovery, augered into bedrock at 54.5'.

Sample 09-MW7-23 collected from 44-46'



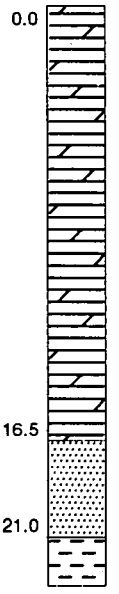
Monitoring Well: MW-8S
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 22.5 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,317.98
E 522,557.70

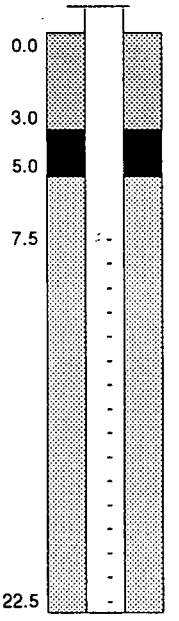
Date Started: JUNE 2, 1993
Date Completed: JUNE 3, 1993
Depth to Water: 12 Feet
Monitoring Well Elevations:
Top of PVC = 15.78
Ground Elevation = 13.44

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	6	18	0	0	Brown F-M SAND, little gravel, asphalt fragments, dry,
	22	29			no odor. 18" recovery.
2-4	28	17	0	0	Same as above, no asphalt fragments.
	18	15			16" recovery.
4-6	16	17	0	0	Brown F-M SAND, little gravel, glass & plastic debris,
	8	4			dry, no odor. 4" recovery.
6-8	7	15	0	8	Dk. Brown F-M SAND, FILL, wire, glass, little "white paste"
	25	22			and "orange paste", moist, no odor. 20" recovery.
8-10	24	38	2.5	0	Brown/black FILL, M-F SAND, some black & white mix
	100	78			material, moist, no odor. 6" recovery.
10-12	38	14	35	0	0-6" Brown FILL, F-M SAND, little metal & glass.
	10	8			6-8" Black FILL, F-M SAND, tr. wood & wire, moist, no odor.
12-14	18	19	6	0	Black FILL, F-M SAND, little c sand, tr gravel, wire, wet,
	19	20			no odor. 16" recovery.
14-16	14	6	15	0	Black FILL, M-C SAND, little gravel, wire debris, wet, no odor.
	3	3			6" recovery.
16-18	6	4	80	0	0-8" Same as above, no wire.
	3	3			8-14" Gray F SAND, little silt, wet, no odor.
					14" recovery.
21-23	5	4	12	0	Gray SILT, tr f sand, wet, no odor.
	4	5			24" recovery.

Lithology



Monitoring Well Construction



Cement/Bentonite Grout
Bentonite Seal
Top of Sand
Top of Screen
#0 Morie Sand
2" - 10 Slot PVC Screen
Bottom of Well

Sample 09-MW8-01 collected from 0-2'
Sample 09-MW8-04 collected from 6-8'
Sample 09-MW8-06 collected from 10-12'

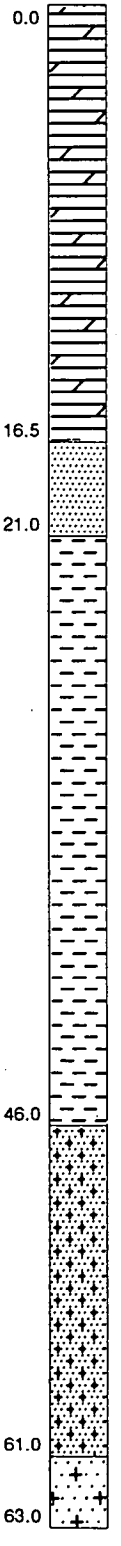
Monitoring Well: MW-8D
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 65 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,313.05
E 522,554.13

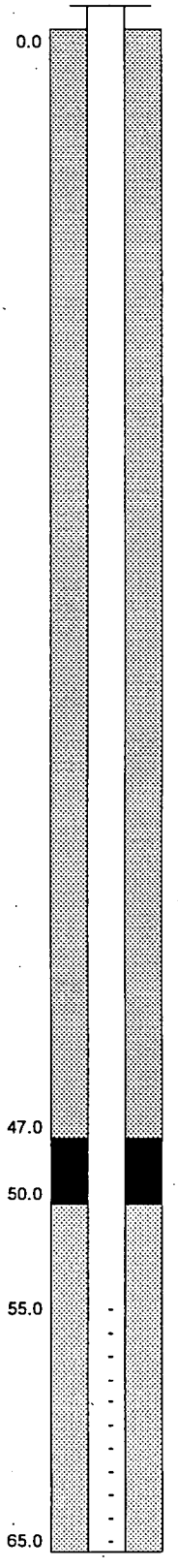
Date Started: JUNE 1, 1993
Date Completed: JUNE 2, 1993
Depth to Water: 12 Feet
Monitoring Well Elevations:
Top of PVC = 15.85
Ground Elevation = 13.43

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	6	18	0	0	Brown F-M SAND, little gravel, asphalt fragments, dry,
	22	29			no odor, 18" recovery.
2-4	28	17	0	0	Same as above, no asphalt fragments, 16" recovery.
	18	15			
4-6	16	17	0	0	Brown F-M SAND, little gravel, glass & plastic debris,
	8	4			dry, no odor, 4" recovery.
6-8	7	15	0	8	Dk. Brown F-M SAND, FILL: wire, glass, little "white paste",
	25	22			and "orange paste", moist, no odor, 20" recovery.
8-10	24	38	2.5	0	Brown-black FILL: M-F SAND, some black & white mix
	100	78			material, moist, no odor, 6" recovery.
10-12	38	14	35	0	0-6" Brown FILL: F-M SAND, little metal & glass. 6-8"
	10	8			Black FILL: F-M SAND, tr. wood & wire, moist, no odor.
12-14	18	19	6	0	Black FILL: F-M SAND, little C sand, tr. gravel, wire, wet,
	19	20			no odor, 16" recovery.
14-16	14	6	15	0	Black FILL: M-C SAND, little gravel, wire debris,
	3	3			wet, no odor, 6" recovery.
16-18	6	4	80	0	0-8" Same as above, no wire. 8-14" Gray F SAND
	3	3			little silt, wet, no odor.
					14" recovery.
21-23	5	4	12	0	Gray SILT, tr. f sand, wet, no odor, 24" recovery.
	4	5			
26-28	62	2	5	0	Same as above interval.
	2	5			16" recovery.
31-33	3	3	5	0	Same as above interval.
	2	3			24" recovery.
36-38	1	1	0	0	Gray SILT, little to tr. F sand, wet, no odor.
	2	2			24" recovery.
41-43			0	0	Gray SILT and F SAND, wet, no odor, 18" recovery.
					18" recovery.
46-48	4	4	2	0	Gray F-M SAND, little - tr. silt, wet, no odor, 14" recovery.
	6	8			14" recovery.
51-53	3	4	6	0	Gray F-M SAND, wet, no odor, 16" recovery.
	4	16			16" recovery.
56-58	3	3	60	0	Same as above interval.
	8	10			14" recovery.
61-63	62	40	2	0	Gray M-C SAND, little F sand, little gravel, wet, no odor.
	26	23			10" recovery.

Lithology



Monitoring Well Construction



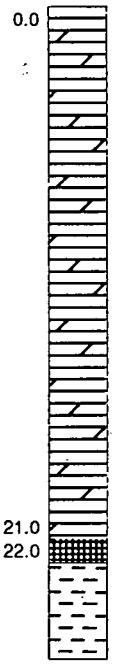
Monitoring Well: MW-9S
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 25 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,544.12
E 522,741.66

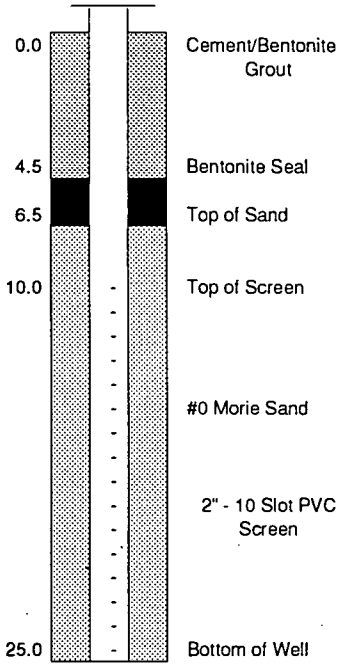
Date Started: JUNE 17, 1993
Date Completed: JUNE 17, 1993
Depth to Water: 15 Feet
Monitoring Well Elevations:
Top of PVC = 20.81
Ground Elevation = 18.47

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	2	14	0	0	Brown F-M SAND, some gravel, dry, no odor, 20" recovery.
	18	27			
2-4	47	50/1"	0	0	Same as above, moist, gray rock fragments, 6" recovery.
4-6	12	18	-	-	No recovery.
	12	15			
6-8	14	34	0	0	Brown FILL: F-M SAND, little debris (glass & metal),
	57	46			moist, no odor, 9" recovery.
8-10	2	23	2	0	Dk brown FILL: F-M SAND, little debris (wood & metal),
	100/2"				tr gravel, moist, no odor, 10" recovery.
10-12	5	9	15	0	Dk brown FILL: F-M SAND, some debris (wood & metal),
	10	33			little gray rock, moist, no odor, 12" recovery.
12-14	26	32	2	0	Gray FILL: F-M SAND, some wood, little rock fragments,
	52	50			moist, no odor, 10" recovery.
14-16	11	5	45	0	0-5" Dk brown FILL: F-M SAND, some debris (wood & metal).
	12	18			5-9" Black FILL: M SAND, some debris, wet, slight odor.
16-18	12	14	-	-	No recovery.
	7	4			
19-21	17	21	20	0	Black FILL: M-C SAND, some F sand, some debris (wire),
	12	12			wet, no odor, 1" recovery.
21-23	11	23	24	0	0-3" Brown PEAT.
	15	17			3-14" Brown F-M SAND.
					14-18" Gray SILT, tr f sand, wet, organic odor, 18" recovery.
24-26	3	12	34	0	Gray SILT, wet, no dor, 6" recovery.
	17	17			

Lithology



Monitoring Well Construction



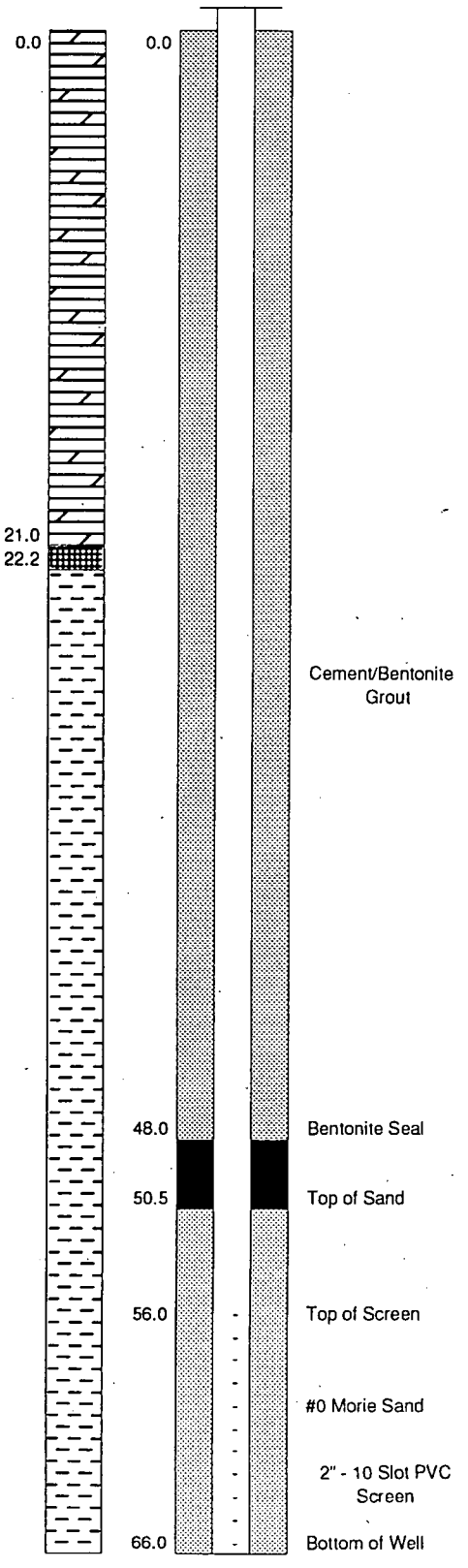
Sample 09-MW9-01 collected from 0-2".
Sample 09-MW9-08 collected from 14-16".

Monitoring Well: MW-9D
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 66 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 196,546.59
E 522,736.19

Date Started: JUNE 11, 1993
Date Completed: JUNE 16, 1993
Depth to Water: 15 Feet
Monitoring Well Elevations:
Top of PVC = 20.78
Ground Elevation = 18.43

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	2	14	0	0	Brown F-M SAND, some gravel, dry, no odor, 20" recovery.
	18	27			
2-4	47	50/1"	0	0	Same as above, moist, gray rock fragments, 6" recovery.
4-6	12	18	-	-	No recovery.
	12	15			
6-8	14	34	0	0	Brown FILL: F-M SAND, little debris (glass & metal),
	57	46			moist, no odor, 9" recovery.
8-10	2	23	2	0	Dk brown FILL: F-M SAND, little debris (wood & metal),
	100/2"				tr gravel, moist, no odor, 10" recovery.
10-12	5	9	15	0	Dk brown FILL: F-M SAND, some debris (wood & metal),
	10	33			little gray rock, moist, no odor, 12" recovery.
12-14	26	32	2	0	Gray FILL: F-M SAND, some wood, little rock fragments,
	52	50			moist, no odor, 10" recovery.
14-16	11	5	45	0	0-5" Dk brown FILL: F-M SAND, some debris (wood & metal).
	12	18			5-9" Black FILL: M SAND, some debris, wet, slight odor.
16-18	12	14	-	-	No recovery.
	7	4			
19-21	17	21	20	0	Black FILL: M-C SAND, some F sand, some debris (wire),
	12	12			wet, no odor, 1" recovery.
21-23	11	23	24	0	0-3" Brown PEAT. 3-14" Brown F-M SAND. 14-18"
	15	17			Gray SILT, tr F sand, wet, organic odor, 18" recovery.
24-26	3	12	34	0	Gray SILT, wet, no odor, 6" recovery.
	17	17			
29-31	13	22	10	0	Same as above, some brick fragments, 12" recovery.
	14	13			
34-36	4	8	22	0	Same as above, 18" recovery.
	20	23			
39-41	10	10	44	0	Same as above, 18" recovery.
	9	10			
44-46	4	2	12	1	Same as above, less tight, 21" recovery.
	2	1			
49-51	1	2	18	0	Same as above, 20" recovery.
	3	5			
54-56	1	1	1	0	Same as above, 20" recovery.
	1	3			
59-61	2	4	0	0	Same as above, 13" recovery.
	3	7			
64-66	2	2	0	0	Gray SILT, tr C sand & F gravel, wet, no odor, 3" recovery.
	2	3			
					Auger refusal @ 65.5 feet.



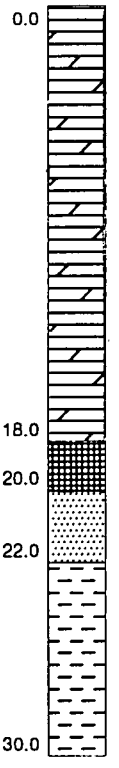
Monitoring Well: MW-10S
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 28 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 197,172.07
E 522,765.15

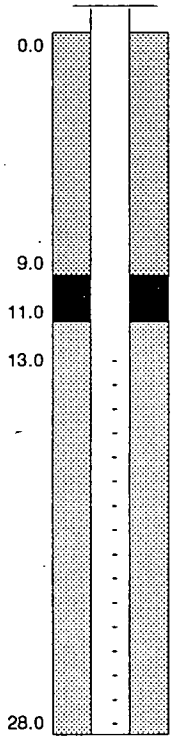
Date Started: JUNE 3, 1993
Date Completed: JUNE 3, 1993
Depth to Water: 18 Feet
Monitoring Well Elevations:
Top of PVC = 21.37
Ground Elevation = 18.80

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	14	100/3"	1	0	Dk brown, F-M SAND, little gravel, dry, no odor. Recovery = 4"
2-4	6	9	0	0	Dk brown, F-M SAND, little gravel, pieces of oxidized
	5	10			metal & glass, dry, no odor. Recovery = 18"
4-6	15	11	0	0	Dk brown, F-M SAND, little gravel, metal wire in tip of
	8	8			split-spoon, dry, no odor. Recovery = 3"
6-8	8	5	2	0	Black, F-M SAND, little gravel, dry, no odor
	3	4			Recovery = 16"
8-10	5	5	0	0	0-8" Same as above. 8-14" Brown M-C SAND, little
	9	11			gravel, wood & glass fragments, dry, no odor.
10-12	5	5	0	0	0-4" Black, F-M SAND, little gravel. 4-18" Brown/
	10	17			Black F-M SAND, little gravel, wood, glass & metal.
12-14	20	24	15	5	0-4" Brown F SAND, trace silt, trace fill debris, moist.
	15	17			4-14" Black F-M SAND, trace silt & gravel, metal.
14-16	17	18	15	0	0-18" Brown F SAND, trace silt & gravel.
	14	15			18-20" Black M-C SAND, trace gravel, metal, wood, & glass.
16-18	8	14	70	0	Dk brown/black F SAND, little gravel, trace silt, moist,
	17	16			glass & wood fragments.
18-20	9	16	110	0	0-18" Black F SAND, little silt, trace gravel, wood, wet.
	17	18			18-20" Brown PEAT, wet.
20-22	3	6	7	0	Gray F SAND, little silt, wet, slight odor. Recovery = 8".
	9	15			
22-24	6	12	10	0	Gray SILT, tr clay, moist, no odor. Recovery = 14".
	7	16			
24-26	5	5	30	0	Same as above. Recovery = 8".
	10	20			
26-28	15	12	5	0	Same as above. Recovery = 16".
	16	20			
28-30	25	20	5	-	Same as above. Recovery = 14".
	16	20			

Lithology



Monitoring Well Construction



Sample 09-MW10-01 collected from 0-2'
Sample 09-MW10-09 collected from 16-18'.

Monitoring Well: MW-10D
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 77 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 197,166.77
E 522,764.24

Date Started: MAY 24, 1993
Date Completed: MAY 26, 1993
Depth to Water: 18 Feet
Monitoring Well Elevations:
Top of PVC = 21.48
Ground Elevation = 19.25

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description	Lithology	Monitoring Well Construction
0-2	14	100/3"	1	0	Dk brown F-M SAND, little gravel, dry, no odor Recovery = 4"	0.0	0.0
2-4	6	9	0	0	Dk brown F-M SAND, little gravel, pieces of oxidized metal & glass, dry, no odor. Recovery = 18"		
	5	10					
4-6	15	11	0	0	Dk brown F-M SAND, little gravel, metal wire in tip of split-spoon, dry, no odor. Recovery = 3"		
	8	8					
6-8	8	5	2	0	Black F-M SAND, little gravel, dry, no odor Recovery = 16"		
	3	4					
8-10	5	5	0	0	0-8" Same as above. 8-14" Brown M-C SAND, little gravel, wood & glass fragments, dry, no odor		
	9	11					
10-12	5	5	0	0	0-4" Black F-M SAND, little gravel. 4-18" Brown/ Black F-M SAND, little gravel, wood, glass & metal.		
	10	17					
12-14	20	24	15	5	0-4" Brown F SAND, trace silt, trace fill debris, moist. 4-14" Black F-M SAND, trace silt & gravel, metal & wood.		
	15	17					
14-16	17	18	15	0	0-18" Brown F SAND, trace silt & gravel. 18-20" Black M-C SAND, trace gravel, metal, wood, & glass.		
	14	15					
16-18	8	14	70	0	Dk brown/black F SAND, little gravel, trace silt, moist, glass & wood fragments.		
	17	16					
18-20	9	16	110	0	0-18" Black F SAND, little silt, trace gravel, wood, wet	19.5	
	17	18			18-20" Brown PEAT, wet.	20.0	
20-22	3	6	7	0	Gray F. SAND, little silt, wet, slight odor. Recovery = 8".		
	9	15					
22-24	6	12	10	0	Gray SILT, tr clay, moist, no odor. Recovery = 14".	22.0	
	7	16					
24-26	5	5	30	0	Same as above. Recovery = 8".		Cement/Bentonite Grout
	10	20					
26-28	15	12	5	0	Same as above. Recovery = 16".		
	16	20					
28-30	25	20	5	*	Same as above. Recovery = 14".		
	16	20					
30-32	10	15	4	*	Grey SILT, tr f sand, moist, no odor. Recovery = 18".		
	20	30					
32-34	10	12	50	*	Grey SILT, little f sand, wet, no odor. Recovery = 14".		
	12	14					
34-36	7	12	70	*	Grey SILT, tr f sand, moist, no odor. Recovery = 18".		
	9	10					
36-38	7	10	60	0	Grey SILT, tr f sand. Recovery = 14".		
	11	11					
38-40	4	5	30	0	Grey SILT, tr clay, tr f sand, less cohesive than previous spoons. Recovery = 16".		
	5	5					
40-42	3	2	50	0	Same as above. Recovery = 12".		
	2	3					
42-44	2	1	10	0	Same as above. Recovery = 16".		
	1	2					
44-46	4	2	20	0	Same as above. Recovery = 18".		
	1	1					
46-48	2	1	10	0	Same as above. Recovery = 12".		
	3	2					
48-50	6	4	10	0	Same as above. Recovery = 14".		
	3	3					
50-52	7	4	3	0	Same as above. Recovery = 8".		
	2	3					
52-54	3	3	1	0	Same as above. Recovery = 20".		
	3	4					
54-56	6	4	0	0	Same as above. Recovery = 18".		
	3	5					
56-58	5	3	0	0	Same as above. Recovery = 18".		
	3	4					
58-60	5	6	0	0	Gray SILT, tr clay, tr f sand. Recovery = 16".		
	5	4					
60-62	3	3	0	0	Same as above. Recovery = 4".		60.0 Bentonite Seal
	3	4					
62-64	3	2	0	0	Same as above. Recovery = 20".		62.0 Top of Sand
	3	4					

Monitoring Well: MW-10D (continued)
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 77 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 197,166.77
E 522,764.24

Date Started: MAY 24, 1993
Date Completed: MAY 26, 1993
Depth to Water: 18 Feet
Monitoring Well Elevations:
Top of PVC = 21.48
Ground Elevation = 19.25

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description	Lithology	Monitoring Well Construction
64-66	8 5	5 4	0	0	Gray SILT, little to trace f sand. Recovery = 16".		
						67.0	Top of Screen
70-72	3 4	4 4	0	0	Same as above. Recovery = 14".		#0 Morie Sand
73-75	30 19	25 15	0	0	Gray F. SAND, little silt, little gravel. Recovery = 4".	73.0	2" - 10 Slot PVC Screen
77-79	60/2"				Gray SHALE in nose of split spoon. No Recovery.	77.0	77.0 Bottom of Well

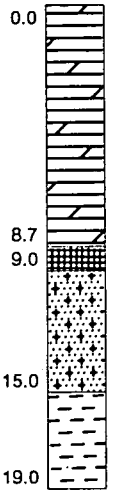
Monitoring Well: MW-11S
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 21 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 197,471.38
E 522,783.02

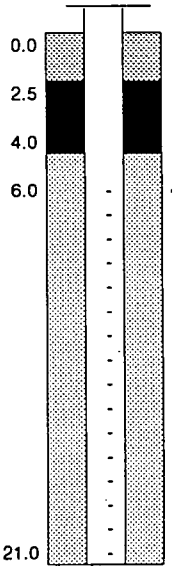
Date Started: JUNE 8, 1993
Date Completed: JUNE 8, 1993
Depth to Water: 9.5 Feet
Monitoring Well Elevations:
Top of PVC = 14.63
Ground Elevation = 12.35

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	3	19	0	0	Dk brown FILL: F SAND, tr silt, debris (glass, metal), dry, no odor, 12" recovery.
	100/4"				
2-4	6	3	0	0	Black FILL: F SAND, little silt & gravel, debris (metal, glass, white powder), dry, no odor, 8" recovery.
	16	9			
4-6	28	18	0	0	Dk brown FILL: F SAND, tr silt & gravel, debris (glass, wood, brick), dry, no odor, 14" recovery.
6-8	18	10	1	8	Dk brown FILL: F SAND, tr silt & gravel, debris (wire, metal, wood, glass), moist, no odor, 8" recovery.
	14	8			
8-10	5	6	320	20	0-8" Dk brown FILL: same as above, strong trash odor.
	7	10			8-20" Br/gray F SAND, tr silt, moist, slight odor.
10-12	6	16	30	0	0-4" Black PEAT, wet, slight odor. 4-22" Black F-M SAND, wet, no odor, 22" recovery.
	21	20			
15-17	12	10	0	0	Gray SILT, tr F sand, wet, no odor, 12" recovery.
	11	12			
17-19					Shelby tube collected, down presure 500 psi.

Lithology



Monitoring Well Construction



Sample 09-MW11-01 collected from 0-2'
Sample 09-MW11-05 collected from 8-10'

Monitoring Well: MW-12D
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 67.5 FEET

Drilling Company: D.L. Maher
Drillers: Bill Putnam
TRC Inspector: J. Smith
Monitoring Well Coordinates:
N 197,457.50
E 522,609.80

Date Started: AUGUST 9, 1993
Date Completed: AUGUST 10, 1993
Depth to Water: 5.5 Feet
Monitoring Well Elevations:
Top of PVC = 13.10
Ground Elevation = 13.53

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description	Lithology	Monitoring Well Construction
0-2	14 7	9 8	0	–	0-20" Brown F SAND, little medium sand & silt, trace gravel, no odor, moist	0.0	0.0 Curb box
2-4	7 6	5 5	0	–	0-20" Brown F SAND, little medium sand & silt, trace gravel, marsh odor, moist		
4-6	5 4	5 5	0	–	0-20" Brown F SAND, little med sand & silt, trace gravel, marsh odor, wet	5.5	
9-11	3 4	4 4	0	–	0-18" Gray/brown F SAND & SILT, little med sand, trace clay, no odor, wet.		
14-16	3 2	3 2	0	–	0-18" Gray/black SILT, little clay, trace fine sand, no odor, wet.	14.0	
19-21	8 10	10 17	0	–	0-20" Gray/black SILT, trace fine sand & clay, salt water odor, moist.		Cement/Bentonite
24-26	6 14	7 22	0	–	0-20" Gray/black SILT, little fine sand, trace clay, no odor, moist.		
29-31	10 20	10 10	0	–	0-22" Gray/black SILT, trace fine sand & clay, no odor, moist.		
34-36	3 1	2 1	0	–	0-20" Gray/black SILT, no odor, wet.		
39-41	2 3	3 3	0	–	0-22" Gray/black SILT, little clay, no odor, wet.		
44-46	3 2	2 4	0	–	0-22" Gray/black SILT, little clay, no odor, wet.		
49-51	3 2	1 3	0	–	0-22" Gray/black SILT, little clay, no odor, wet.		
54-56	2 2	1 4	0	–	0-22" Gray/black SILT, little clay, no odor, wet.		53.8 Top of Bentonite 55.8 Top of Sand
59-61	3 2	2 4	0	–	0-20" Gray/black SILT, little clay, no odor, wet.		57.5 Top of Screen #0 Morie Sand

Monitoring Well: MW-12D (continued)
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 67.5 FEET

Drilling Company: D.L. Maher
Drillers: Bill Putnam
TRC Inspector: J. Smith
Monitoring Well Coordinates:
N 197,457.50
E 522,609.80

Date Started: AUGUST 9, 1993
Date Completed: AUGUST 10, 1993
Depth to Water: 5.5 Feet
Monitoring Well Elevations:
Top of PVC = 13.10
Ground Elevation = 13.53

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description	Lithology	Monitoring Well Construction
64-66	2	2	0	--	0-23" Gray/black SILT, little clay, no odor, wet.		2" - 10 Slot PVC Screen
	1	25					
67-69	40	40	0	--	0-8" Grayish/black SILT, some rounded pieces of rock, little clay, no odor.	67.5	Bottom of Well
	20	40				68.0	
68.0-78.0							
	5' Core Run #1				Light to medium gray, fine-medium grained META SANDSTONE GNEISS with scattered shaly zones, brittle in upper 3.5', massive competent bottom 5'. Mineralogy: primarily quartz, plagioclase, hornblende, biotite, and clay minerals.		Bentonite Chips
	2.9' recovery						
	5' Core Run #2						
	5.5' recovery					78.0	78.0 Bottom of Core

Sample 09-MW12-01 collected from 0-2'
Sample 09-MW12-03 collected from 4-6'

NOTE:
-- = Split spoon samples not scanned with HNu.

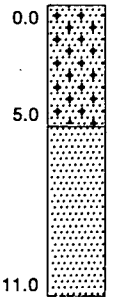
Monitoring Well: MW-13S
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 13 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 197,117.79
E 522,300.74

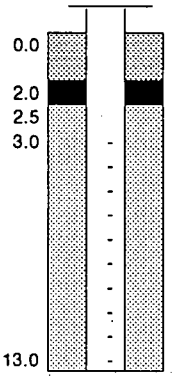
Date Started: JUNE 29, 1993
Date Completed: JUNE 29, 1993
Depth to Water: 1.5 Feet
Monitoring Well Elevations:
Top of PVC = 8.83
Ground Elevation = 6.31

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	1	3	0.5	0.5	0-12" Brown SILT & F SAND, organic
	4	9			12-18" Brown/gray F-M SAND, tr silt, wet @ 1.5'.
4-6	7	4	0	5	0-12" Orange/brown M SAND, tr fine sand.
	4	6			12-18" Brown F SAND, little silt
9-11	6	5	0	0	0-4" Brown F SAND, little M sand, tr silt.
	4	5			4-14" Grey F SAND, tr silt.

Lithology



Monitoring Well Construction



Sample 09-MW13-01 collected from 0-2'

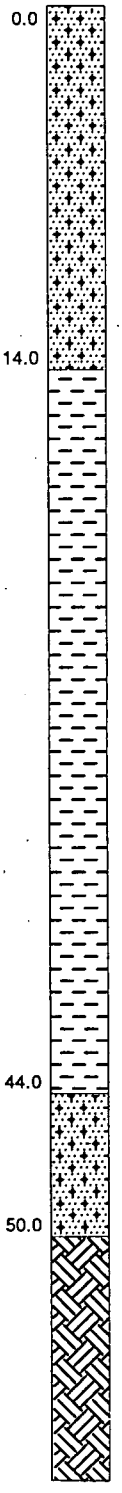
Monitoring Well: MW-13D
Site 09 - Allen Harbor Landfill
NCBC - Davisville
Well Depth: 50 FEET

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow
Monitoring Well Coordinates:
N 197,121.47
E 522,298.89

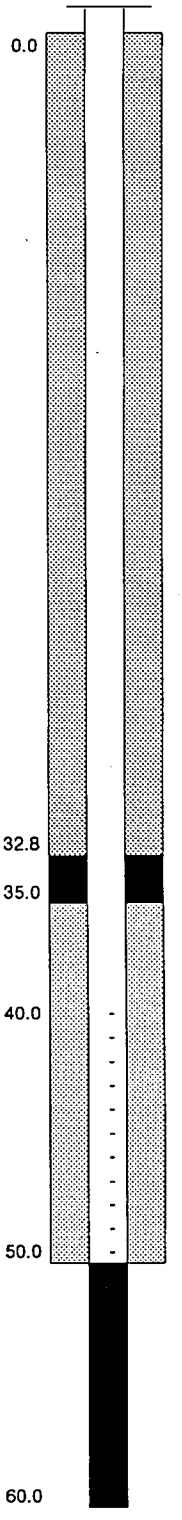
Date Started: JUNE 25, 1993
Date Completed: JUNE 28, 1993
Depth to Water: 1.5 Feet
Monitoring Well Elevations:
Top of PVC = 9.28
Ground Elevation = 6.47

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	1 4	3 9	0.5	0.5	0-12" Brown SILT & F SAND, organic 12-18" Brown/gray F-M SAND, tr silt, wet @ 1.5'.
4-6	7 4	4 6	0	5	0-12" Orange/brown M SAND, tr fine sand. 12-18" Brown F SAND, little silt
9-11	6 4	5 5	0	0	0-4" Brown F SAND, little M sand, tr silt. 4-14" Grey F SAND, tr silt.
14-16	2 3	2 4	0	0	Grey SILT, tr. fine sand, 10" recovery.
19-21	3 4	3 8	0	0	Same as above, 12" recovery.
24-26	4 7	5 7	0	0	Same as above, 16" recovery.
29-31	4 6	6 8	0	0	Same as above, 14" recovery.
34-36	6 9	6 8	0	0	Same as above, 8" recovery.
39-41	6 40	20 67	0	0	Grey SILT, little gravel, tr fine sand, 12" recovery.
44-46	14 19	12 18	0	0	Grey TILL, F-M sand, little gravel, tr silt, 14" recovery.
49-51	100/3"		0	0	Grey highly weathered BEDROCK, 3" recovery.
50-55 5' Core Run #1 4.8' recovery					0.0-4.2' Dark gray SHALE, brittle, shattered. 4.2-6.4' Light gray GNEISS, massive, competent. 6.4-8.3' Same as 0.0'-4.2' 8.3-9.8' Same as 4.2'-6.4'
55-60 5' Core Run #2 5.0' recovery					Mineralogy: quartz, plagioclase, biotite, muscovite, vein-healed fractures. Shale sections have some partings.

Lithology



Monitoring Well Construction



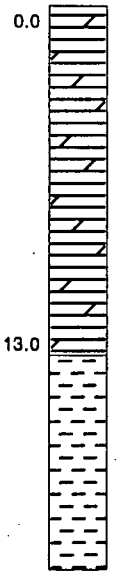
Piezometer Nest: PZ-1
Site 09 - Allen Harbor Landfill
NCBC - Davisville

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow

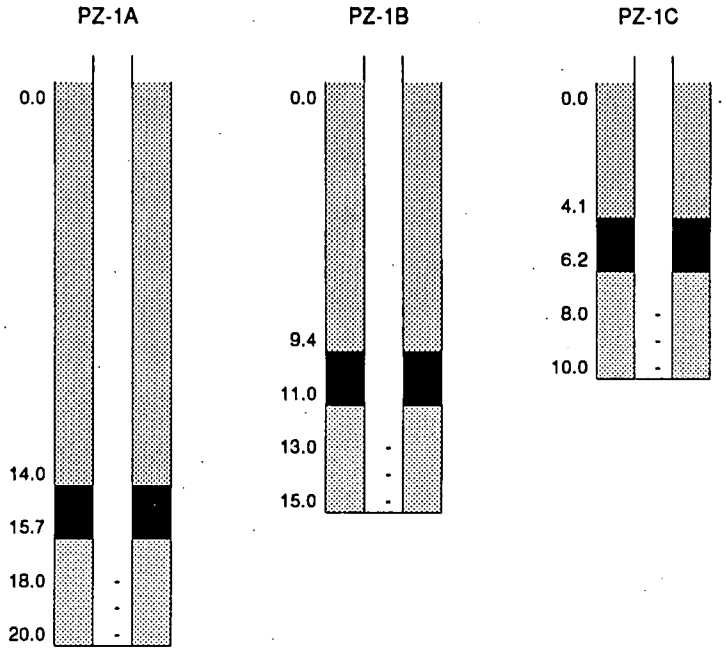
Date Started: JUNE 21, 1993
Date Completed: JUNE 22, 1993
Depth to Water: 9 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	3	6	0	0	Brown Topsoil, M-F SAND, little gravel & organics, trace fill debris, dry, no odor. 12" recovery.
	38	100/1"			
2-4	47	60	10	0	Dk Brown/Black FILL, M-F sand, little gravel, metal & wood debris, strong odor, dry. 14" recovery.
	46	50			
4-6	32	27	>1000	0	0-8" Brown FILL, M-F sand, little gravel, dry.
	60	37			8-24" Black FILL, M-F sand, little gravel, strong odor, moist.
6-8	7	18	550	0	Dk Brown FILL, M-F sand, little gravel, wood frags., strong odor, moist. 10" recovery.
	14	25			
8-10	12	19	250	0	Dk Brown FILL, M-F sand, trace gravel, metal debris, slight odor, wet. 6" recovery.
	9	5			
13-15	10	10	350	0	0-4" Same as above.
	12	16			4-18" Lt Brown/Grey F SAND, some silt, organic material.
					18-20" Grey SILT, trace fine sand.
18-20	14	14	10	0	Grey SILT, very cohesive, moist. 20" recovery.
	16	21			

Lithology



Piezometer Nest Construction



Notes: All piezometer wells are constructed with a 2' section of 1" - 10 slot PVC screen and 1" PVC riser.

- Screen section.
- Sand pack.
- Bentonite seal.
- Backfilled cuttings.

	PZ-1A	PZ-1B	PZ-1C
Ground Elevation:	11.21	11.80	12.07
Top of PVC Elevation:	13.20	13.69	13.89

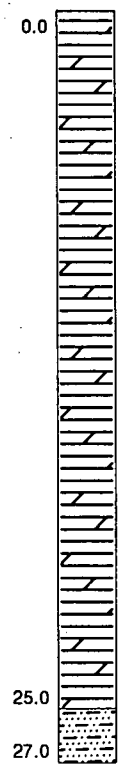
Piezometer Nest: PZ-2
Site 09 - Allen Harbor Landfill
NCBC - Davisville

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow

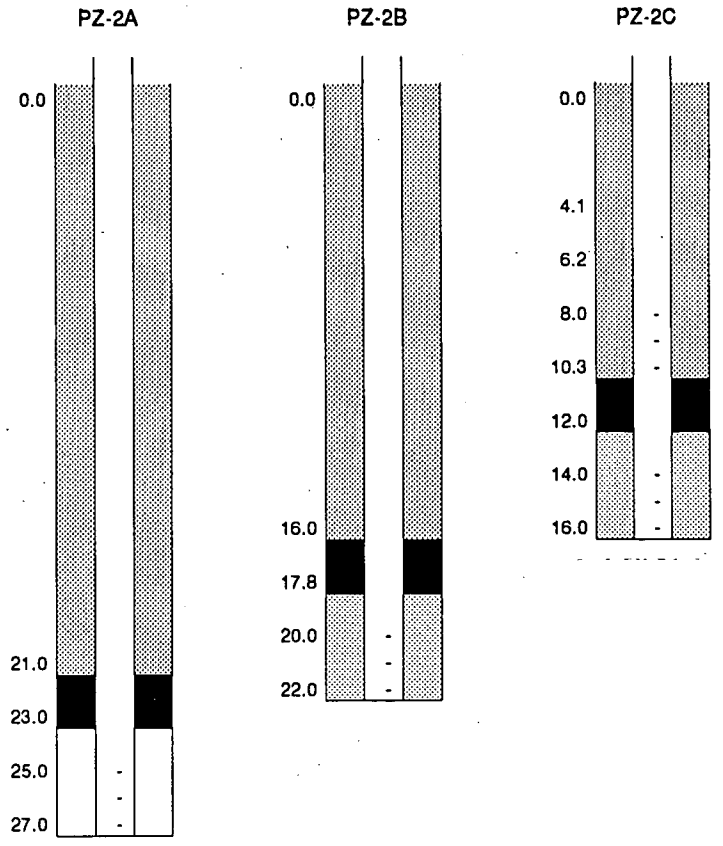
Date Started: JUNE 17, 1993
Date Completed: JUNE 21, 1993
Depth to Water: 15 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	3	15	0	0	Lt Brown F-M SAND, little gravel & asphalt, dry.
	10	7			16" recovery.
2-4	8	3	0	0	0-4" Same as above.
	2	3			4-8" Brown/orange FILL, M-C sand, wood, plastic, dry.
4-6	4	3	0	0	Lt. Brown FILL, F-M sand, little gravel, pieces of glass,
	3	9			metal, and wood, dry, no odor. 12" recovery.
6-8	15	55	4	0	Brown/Black FILL, M-C sand, rock fragments, asphalt &
	85	40			glass, dry, slight odor. 16" recovery.
8-10	20	39	20	14	Dk Brown FILL, M-F sand, little gravel, petroleum odor, moist.
	26	18			10" recovery.
10-12	15	19	5	2	Dk Brown FILL, wood, metal, glass debris, M-F sand, moist.
	30	10			6" recovery.
12-14	12	11	18	0	Black FILL, M-F sand, little gravel, metal & wood debris,
	40	100			trace of a white powder material, moist. 8" recovery.
14-16	24	40	90	2	Dk Brown/Black FILL, M-F sand, little debris (glass, metal),
	80	38			slight odor, moist/wet. 10" recovery.
16-18	12	14	20	0	Dk Brown FILL, F-M sand, little gravel, wet, no odor.
	16	12			4" recovery.
20-22	2	2	72	5	Dk Brown/Black FILL, F sand, little silt, tr gravel, wet, slight
	4	14			odor. 8" recovery.
25-27	3	10	80	1	0-4" Same as above.
	11	15			4-20" Grey F SAND & SILT, wet, slight odor.

Lithology



Piezometer Nest Construction



Notes: All piezometer wells are constructed with a 2' section of 1" - 10 slot PVC screen and 1" PVC riser.

- Screen section.
- Sand pack.
- Bentonite seal.
- Cement/Bentonite grout.

	PZ-2A	PZ-2B	PZ-2C
Ground Elevation:	16.95	16.61	16.67
Top of PVC Elevation:	18.17	19.32	19.37

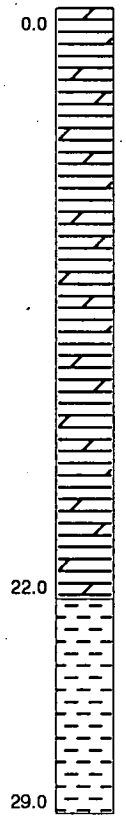
Piezometer Nest: PZ-3
Site 09 - Allen Harbor Landfill
NCBC - Davisville

Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow

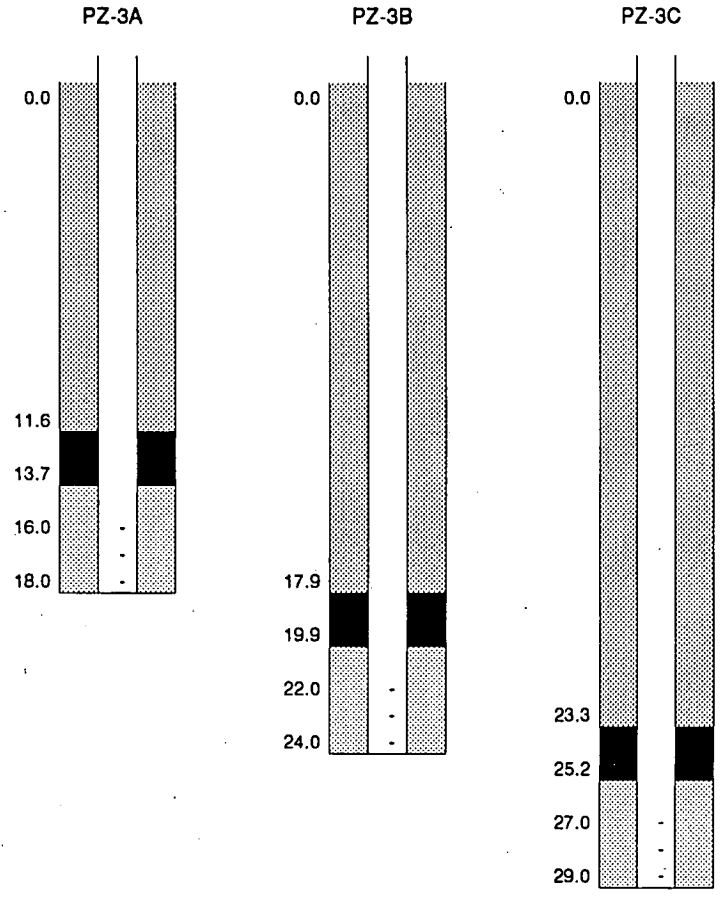
Date Started: JUNE 22, 1993
Date Completed: JUNE 23, 1993
Depth to Water: 17 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	6	9	0	0	Brown Topsoil w/ asphalt fragments, dry.
	5	5			3" recovery.
2-4	3	5	0	0	Brown F-M SAND, little asphalt & glass fragments, dry.
	13	11			4" recovery.
4-6	30	13			No Recovery
	10	11			
6-8	28	30	1	2	Dk Brown F-M SAND, some gravel, tr silt, dry.
	25	12			6" recovery.
8-10	30	10	10	0	0-12" Dk Brown F-M SAND, tr silt, glass fragments.
	17	36			12-23" Brown F-M SAND, some gravel, wood fragments, dry.
10-12	14	28	18	1	0-4" Dk Brown F-C SAND, some gravel, tr silt.
	29	18			4-12" Brown F SAND & SILT, damp.
12-14	7	11	1.2	1	0-12" Brown/Orange F-M SAND, some gravel, tr silt, dry.
	7	12			12-15" Dk Brown F SAND & SILT, damp.
14-16	15	20	0	0	Brown/Orange F-C SAND, some gravel & wood fragments,
	17	13			tr silt, damp. 12" recovery.
16-18	9	3	140	1	Dk Brown F-M SAND & SILT, tr gravel, wood & wire
	3	12			fragments, wet. 12" recovery.
22-24	20	20	1.2	0.6	Grey SILT, no odor, wet. 12" recovery.
	27	30			
27-29	17	21	1.8	0	Same as above. 24" recovery.
	25	32			

Lithology



Piezometer Nest Construction



	Ground Elevation	Top of PVC Elevation
PZ-3A	8.13	19.56
PZ-3B	18.02	20.89
PZ-3C	18.34	21.17

Notes: All piezometer wells are constructed with a 2' section of 1" - 10 slot PVC screen and 1" PVC riser.

- Screen section.
- Sand pack.
- Bentonite seal.
- Cement/Bentonite grout.

Piezometer Nest: PZ-4
Site 09 - Allen Harbor Landfill
NCBC - Davisville

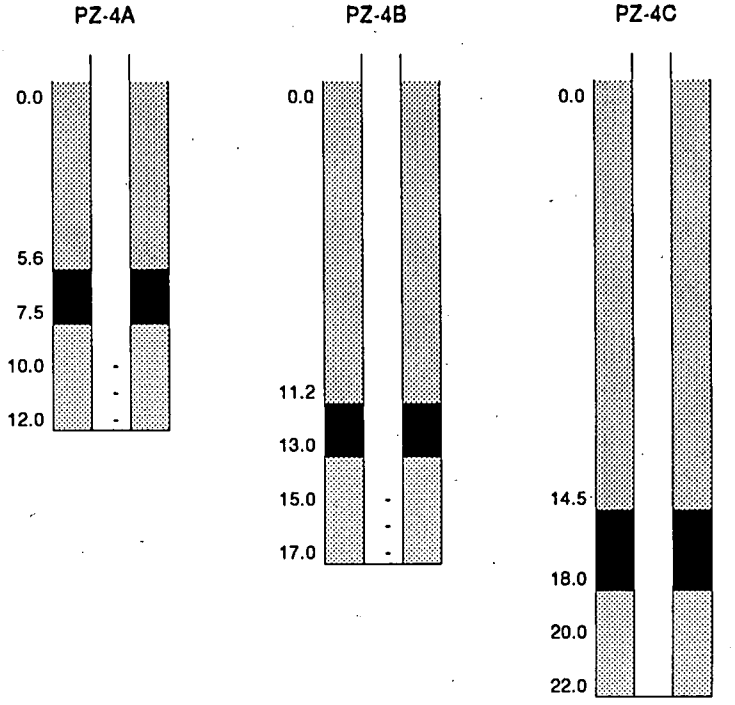
Drilling Company: D.L. Maher
Drillers: J. Graglia & B. Burns
TRC Inspector: T. McMorrow

Date Started: JUNE 23, 1993
Date Completed: JUNE 24, 1993
Depth to Water: 11 FEET

Depth (feet)	Blow Counts		Field Measurements OVA (ppm)	HNu (ppm)	Soil Description
0-2	9	19	35	9	Lt Brown F-M SAND, little gravel, rock & asphalt pieces, dry.
	18	11			6" recovery.
2-4	18	22	200	50	Brown FILL, F-M sand, little gravel, asphalt, brick & wood
	21	28			debris, dry, no odor.
4-6	10	10	-	-	No Recovery.
	9	11			
6-8	20	28	-	-	No Recovery.
	10	25			
8-10	12	12	6.8	1	0-8" Wood
	5	9			8-16" Dk Brown/Red FILL, M-F sand, tr gravel & glass, moist.
10-12	2	3	1.5	1	Brown/orange FILL, F-M sand, little gravel, glass fragments,
	8	6			wet. 6" recovery.
15-17	2	4	950	18	0-6" Brown FILL, F-M sand, little gravel, wood fragments.
	9	15			6-10" Black M-F SAND, wire pieces.
					10-12" Brown PEAT.
					12-24" Grey SILT, tr F sand, wet, slight odor.
20-22	3	9	18	1	Grey SILT, very cohesive, moist. 12" recovery.
	15	19			

Lithology

Piezometer Nest Construction



Notes: All piezometer wells are constructed with a 2' section of 1" - 10 slot PVC screen and 1" PVC riser.

- Screen section.
- Sand pack.
- Bentonite seal.
- Cement/Bentonite grout.

	PZ-4A	PZ-4B	PZ-4C
Ground Elevation:	12.41	12.67	12.95
Top of PVC Elevation	14.83	15.40	15.79

APPENDIX E

PHASE II GROUND WATER QUALITY PARAMETERS

TABLE E–1

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09–MW01S
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
0752	18.6	0.778	6.79	–128	>200	250
0758	18.0	0.780	6.76	–121	>200	250
0801	17.9	0.780	6.75	–120	>200	250
0810	17.7	0.750	6.74	–128	>200	250
0815	17.6	0.750	6.76	–128	143.3	240
0818	17.5	0.780	6.76	–127	129.5	240
0822	17.7	0.780	6.76	–125	122.6	240
0828	17.6	0.780	6.78	–128	124.5	240
0833	17.5	0.780	6.78	–128	104.6	240
0840	17.5	0.740	6.78	–126	113.8	240
0843	17.5	0.750	6.77	–122	90.1	240
0849	17.6	0.750	6.78	–121	105.1	240
0856	17.8	0.780	6.76	–123	122.1	240

TABLE E–2

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09–MW02S
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1022	16.6	0.46	6.89	006	>200	220
1023	–	–	–	–	–	20

Note:
At 1028 09MW–2S was pumped dry, allowed well to recover and started sampling at 1100.

TABLE E–3

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09–MW03D
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1325	13.0	0.507	6.38	–033	140	375
1328	13.1	0.567	6.40	–047	107	375
1331	13.2	0.537	6.46	–053	45	375
1334	13.2	0.539	6.47	–056	31	375
1337	13.3	0.491	6.48	–057	20	375
1340	13.5	0.418	6.51	–057	15	250
1343	13.7	0.390	6.54	–059	13	250
1347	12.8	0.349	6.44	–044	10	250
1350	12.6	0.301	6.40	–042	8	375
1353	12.6	0.288	6.40	–041	7	375
1356	12.6	0.254	6.41	–043	6	375
1400	12.7	0.249	6.43	–045	5	375
1403	12.7	0.237	6.44	–046	5	375

TABLE E-4

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW04S
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1157	18.0	0.054	6.2	-102	>200	250
1200	18.5	0.055	6.0	-045	>200	250
1203	18.5	0.053	5.9	021	>200	250
1206	18.5	0.044	5.8	061	170	250
1209	18.5	0.041	5.8	076	130	250
1212	18.8	0.051	5.9	091	83	250
1215	18.8	0.044	5.8	102	53	250
1218	18.8	0.045	5.8	106	35	250
1221	18.8	0.042	5.8	116	22	250
1224	18.8	0.049	5.8	122	17	250
1227	18.8	0.047	5.8	130	12	250
1230	18.8	0.046	5.8	133	11	250
1233	18.8	0.048	5.8	133	7	250
1236	18.8	0.049	5.8	136	7	250

TABLE E-5

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW05S
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
0933	15.4	0.78	6.83	-079	12.5	370
0936	15.3	0.77	6.79	-080	19.1	370
0939	15.1	0.78	6.75	-063	11.1	370
0942	14.9	0.81	6.71	-062	8.5	370
0945	14.7	0.83	6.68	-056	6.3	370
0948	14.8	0.10	6.67	-068	8.6	370
0951	14.4	0.73	6.77	-075	6.7	320
0954	14.1	0.81	6.77	-068	7.6	320
0957	14.3	0.82	6.77	-066	7.4	320
1000	14.4	0.78	6.74	-063	7.7	320
1003	14.8	0.81	6.73	-061	7.2	320
1006	15.1	0.83	6.73	-058	7.4	320

TABLE E-6

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW06S
July 27, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
0954	13.4	1.440	6.90	-116	105	250
0958	13.2	1.441	6.92	-130	62	250
1002	13.1	1.444	6.92	-140	52	250
1006	13.1	1.450	6.92	-150	33	250
1010	13.0	1.451	6.92	-150	36	250
1014	13.0	1.457	6.91	-152	30	250
1018	13.0	1.457	6.91	-154	25	250
1022	13.0	1.455	6.91	-154	20	250
1026	13.0	1.448	6.92	-155	17	250
1030	13.0	1.436	6.93	-147	15	250
1034	13.0	1.442	6.92	-141	14	250
1038	13.0	1.432	6.92	-138	14	250
1042	13.0	1.430	6.90	-129	13	250
1046	13.1	1.433	6.91	-130	11	250

TABLE E-7

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW06D
July 27, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
0737	18.2	0.154	6.75	016	>200	80
0740	17.3	0.157	6.77	011	>200	80
0743	16.4	0.161	6.71	001	>200	80
0746	16.0	0.161	6.70	-008	>200	80
0749	15.8	0.161	6.71	-018	>200	80
0757	15.6	0.125	6.73	-048	>200	80
0806	15.8	0.140	6.78	-027	>200	80
0811	15.7	0.149	6.76	-027	>200	80
0817	16.1	0.152	6.76	-035	>200	80
0822	16.4	0.153	6.76	-037	>200	80
0830	16.0	0.160	6.78	-038	>200	80
0835	15.9	0.144	6.78	-040	>200	80
0838	15.8	0.144	6.78	-044	>200	80

TABLE E-8

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW07S
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1010	13.5	0.788	7.3	-104	21	320
1013	13.3	0.948	7.3	-121	17	320
1016	13.3	0.930	7.3	-129	17	320
1019	13.3	0.790	7.3	-121	16	320
1022	13.3	0.787	7.3	-110	14	320
1025	13.3	0.765	7.3	-118	10	320
1028	13.4	0.766	7.3	-116	9	320
1031	13.4	0.742	7.2	-126	7	320
1034	13.5	0.748	7.3	-130	7	320
1037	13.5	0.744	7.2	-133	6	320
1040	13.5	0.738	7.2	-138	5	320
1043	13.6	0.738	7.2	-136	4	320

TABLE E-9

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW07D
July 27, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
0855	16.0	2.34	6.23	-052	29.0	210
0900	15.7	2.36	6.25	-054	29.0	100
0901	15.7	2.40	6.26	-056	29.3	110
0904	15.6	2.35	6.29	-059	31.1	120
0907	15.7	2.36	6.30	-061	30.0	120
0912	15.7	2.39	6.32	-064	25.0	125
0924	15.8	2.36	6.35	-070	27.0	125
0948	16.0	2.40	6.37	-076	-*	175
1001	15.9	2.40	6.37	-076	-*	175

Notes:

-* indicates that the turbidity meter was inoperable due to rain.

TABLE E-10

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW08S
July 27, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1410	12.3	2.04	6.21	-027	-*	375
1414	12.6	1.65	6.25	-030	-*	375
1418	12.7	1.66	6.28	-036	-*	375
1422	12.7	1.44	6.31	-040	-*	375
1428	12.7	1.14	6.29	-038	-*	375
1433	12.7	1.14	6.30	-038	-*	375
1440	12.8	1.12	6.34	-042	-*	375
1447	12.8	1.11	6.37	-046	-*	375
1452	12.8	1.09	6.39	-050	-*	375
1457	12.8	1.08	6.42	-052	-*	375
1504	12.9	1.02	6.44	-054	-*	375
1507	12.9	1.05	6.45	-054	-*	375
1513	12.9	1.07	6.45	-055	-*	375

Notes:

-* indicates that the turbidity meter was inoperable due to rain.

TABLE E-11

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW08D
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
0730	14.5	0.993	6.9	-027	140	250
0733	14.4	1.186	6.8	-029	190	250
0736	14.6	1.201	7.0	-033	>200	250
0739	15.3	1.1198	7.0	-028	>200	250
0742	15.8	1.203	7.0	-026	>200	250
0745	16.6	1.193	6.9	-032	>200	250
0748	17.2	1.184	6.9	-034	190	250
0751	17.7	1.177	6.9	-033	196	250
0754	18.1	1.178	6.9	-031	>200	250
0757	18.5	1.173	6.9	-036	170	250
0800	18.7	1.173	6.9	-038	144	250
0803	19.0	1.159	6.9	-039	115	250
0806	19.2	1.162	6.9	-036	107	250
0809	19.4	1.168	6.9	-036	99	250
0812	19.6	1.142	6.9	-036	89	250
0815	19.8	1.165	6.9	-036	115	250
0818	19.9	1.167	6.9	-036	87	250
0821	20.0	1.163	6.9	-036	75	250
0824	20.1	1.192	6.9	-036	73	250
0827	20.2	1.120	6.9	-036	90	250
0830	20.3	1.206	6.9	-036	80	250
0836	20.4	1.164	6.8	-036	60	250

TABLE E-12

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW09S
July 27, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1525	13.4	1.035	6.83	-097	48	250
1528	13.2	1.287	6.83	-110	37	250
1531	13.2	1.015	6.85	-117	32	250
1534	13.1	1.166	6.88	-120	29	250
1537	13.1	0.976	6.88	-109	25	250
1540	13.1	0.914	6.89	-112	25	250
1543	13.1	1.244	6.91	-124	19	250
1546	13.1	1.242	6.93	-131	19	250
1549	13.1	1.229	6.94	-138	16	250
1552	13.1	1.235	6.94	-140	13	250
1555	13.1	1.225	6.95	-142	13	250
1558	13.1	1.220	6.96	-144	14	250
1601	13.1	1.229	6.96	-142	14	250

TABLE E-13

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW09D
July 27, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1334	17.6	1.240	6.99	034	>200	80
1337	16.6	1.385	6.94	009	>200	80
1340	16.0	1.391	6.90	-009	>200	80
1343	15.7	1.391	6.88	-022	>200	80
1346	15.6	1.390	6.88	-030	>200	80
1349	15.5	1.390	6.87	-040	>200	80
1352	15.5	1.210	6.88	-046	>200	80
1355	15.5	1.251	6.90	-048	>200	80
1358	15.5	1.154	6.91	-048	>200	80
1401	15.5	1.118	6.91	-051	>200	80
1404	15.6	1.233	6.91	-050	>200	80
1407	15.6	1.234	6.92	-052	>200	80
1410	15.7	1.232	6.91	-053	>200	80
1415	15.8	1.252	6.91	-052	>200	80
1420	15.9	1.262	6.90	-053	>200	80

TABLE E-14

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW10S
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1230	16.9	1.69	6.47	-048	110	240
1233	16.5	1.60	6.42	-040	72	240
1236	16.1	1.49	6.38	-033	54	240
1239	16.0	1.44	6.38	-043	40	240
1242	15.8	1.45	6.39	-042	34	240
1245	15.6	1.49	6.38	-039	30	240
1248	15.6	1.46	6.38	-036	28	240
1251	15.6	1.42	6.40	-038	22	240
1254	15.5	1.41	6.41	-036	20	240
1257	15.5	1.36	6.45	-035	13	240
1300	15.4	1.34	6.50	-035	11	240
1303	15.4	1.31	6.56	-031	7	240
1306	15.3	1.27	6.61	-030	2	240
1309	15.3	1.27	6.63	-029	2	240
1312	15.2	1.24	6.66	-016	2.1	240

TABLE E-15

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW10D
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1400	18.1	0.09	7.05	063	68	190
1403	17.8	0.10	7.10	061	59	190
1406	17.6	0.12	7.14	063	62	190
1409	17.5	0.08	7.15	066	60	190
1412	17.4	0.06	7.19	071	57	190
1415	17.4	0.09	7.20	074	58	190
1418	17.3	0.09	7.21	075	56	190
1421	17.2	0.06	7.23	075	54	190
1424	17.1	0.06	7.25	076	51	190
1427	17.1	0.07	7.25	084	51	190
1430	17.3	0.06	7.25	079	48	190
1433	17.4	0.07	7.26	081	46	190
1436	17.5	0.08	7.27	085	44	190
1439	17.4	0.08	7.29	083	43	190
1442	17.4	0.07	7.30	077	42	190

TABLE E-16

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW11S
July 29, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
0755	13.5	0.29	6.25	021	3.2	320
0758	13.6	0.28	6.34	016	3.2	320
0801	13.6	0.29	6.36	009	3.4	320
0804	13.6	0.30	6.39	006	3.2	320
0807	13.6	0.29	6.38	002	2.6	320
0810	13.6	0.30	6.40	-009	2.2	320
0813	13.6	0.31	6.40	-007	2.2	320
0816	13.6	0.31	6.40	-011	2.1	320
0819	13.6	0.31	6.41	-010	1.4	320
0821	13.6	0.33	6.42	-011	1.0	320
0824	13.6	0.33	6.45	-010	0.9	320
0827	13.6	0.33	6.42	-013	0.8	320
0830	13.6	0.34	6.42	-014	0.9	320
0833	13.7	0.34	6.42	-012	0.8	320

TABLE E-17

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW12D
August 24, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
1040	19.2	0.20	7.05	-084	35	125
1043	18.7	0.20	7.08	-088	25	125
1046	18.5	0.21	7.06	-093	27	125
1049	18.4	0.21	7.08	-093	21	125
1052	18.4	0.21	7.08	-096	19	125
1055	18.4	0.21	7.09	-096	27	125
1058	18.3	0.21	7.09	-097	26	125
1101	18.4	0.21	7.09	-098	21	125
1104	18.3	0.21	7.10	-099	36	125
1107	18.2	0.21	7.10	-100	18	125
1110	18.2	0.21	7.10	-100	19	125
1113	18.1	0.21	7.10	-098	15	125
1116	18.0	0.21	7.10	-098	15	125
1119	17.9	0.20	7.09	-101	16	125
1122	17.9	0.21	7.09	-101	15	125
1125	17.9	0.21	7.09	-101	14	125

TABLE E-18

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW13S
July 30, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
0727	14.4	0.09	5.90	106	27	300
0730	14.3	0.10	5.87	102	18	300
0733	14.3	0.11	5.87	105	14	300
0736	14.3	0.10	5.87	109	14	300
0739	14.3	0.10	5.87	114	12	300
0742	14.4	0.11	5.89	117	12	300
0745	14.4	0.11	5.90	117	11	300
0748	14.4	0.10	5.90	115	10	300
0751	14.4	0.10	5.90	115	10	300
0754	14.4	0.11	5.90	116	9.8	300
0757	14.6	0.10	5.93	118	9.6	300
0800	14.6	0.11	5.90	121	10.3	300
0803	14.7	0.11	5.93	119	11.2	300
0806	14.7	0.11	5.92	118	11.2	300
0809	14.7	0.11	5.92	118	11.6	300

TABLE E-19

NCBC Davisville
Site 09 – Allen Harbor Landfill
Ground Water Purging Parameter Log
Monitoring Well 09-MW13D
July 30, 1993

Time	Temperature (degree C)	Conductivity (miliohoms/cm)	pH	Eh (milivolts)	Turbidity (NTU)	Flow Rate (ml/min)
0900	14.3	0.17	7.57	031	74	280
0903	14.1	0.17	7.61	032	73	280
0906	14.1	0.18	7.66	036	74	280
0909	14.0	0.18	7.68	023	74	280
0912	13.9	0.18	7.71	019	77	280
0915	14.0	0.18	7.71	014	79	280
0918	14.0	0.17	7.70	008	76	280
0921	14.0	0.17	7.69	003	75	280
0924	14.0	0.17	7.69	-010	73	280
0927	14.0	0.19	7.68	-013	70	280
0930	14.0	0.18	7.71	-012	69	280
0933	14.0	0.18	7.74	-008	64	280
0936	14.0	0.18	7.76	-006	62	280
0939	14.1	0.17	7.76	-009	60	280
0942	14.1	0.17	7.74	-017	55	280
0945	14.1	0.18	7.73	-021	53	280
0948	14.1	0.18	7.75	-022	51	280
0951	14.2	0.18	7.75	-022	49	280
0954	14.2	0.17	7.73	-027	47	280
0957	14.2	0.17	7.72	-031	44	280
1000	14.2	0.17	7.69	-037	44	280

APPENDIX F

PHASE I ANALYTICAL DATA

TABLE # SCHEME

PHASE I DATA SUMMARIES

Appendix F — *F1.1A* — *F = Appendix F*
(See Phase II for parameter descriptions)

PHASE II DATA SUMMARIES

Appendix G — *G1.1A* — *G = Appendix G*

1. where
- *1 = Site 09*
- *2 = Background*

.1 where
- *1 = Surface Soil*
- *2 = Subsurface Soil*
- *3 = Groundwater*
- *4 = Surface Water*
- *5 = Sediment*
- *6 = Test Pit*
- *7 = Dry Well*
- *8 = Catch Basin*
- *9 = TCLP*

.1A where
- *A = Volatiles*
- *B = Semivolatiles*
- *C = Pesticides/PCBs*
- *D = Inorganics*
- *E = AVS*
- *F = Physical*
- *G = Dioxin/Furan*

TABLE F1.1A

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	S-09-01-00-S	S-09-02-00-S	S-09-03-00-S	S-09-04-00-S	S-09-05-00-S	S-09-06-00-S
VOLATILES (µg/kg)						
Benzene	7 U	7 U	12 U	11 U	5 U	6 U
Bromoform	7 U	7 U	12 U	11 U	5 U	6 U
Carbon tetrachloride	7 U	7 U	12 U	11 U	5 U	6 U
Chlorobenzene	7 U	7 U	12 U	11 U	5 U	6 U
Dibromochloromethane	7 U	7 U	12 U	11 U	5 U	6 U
Chloroethane	14 U	14 U	24 U	22 U	10 U	11 U
Chloroform	7 U	7 U	16	11 U	5 U	1 J
Bromodichloromethane	7 U	7 U	12 U	11 U	5 U	6 U
1,1-Dichloroethane	7 U	7 U	12 U	11 U	5 U	6 U
1,2-Dichloroethane	7 U	7 U	12 U	11 U	5 U	6 U
1,1-Dichloroethene	7 U	7 U	12 U	11 U	5 U	6 U
1,2-Dichloropropane	7 U	7 U	12 U	11 U	5 U	6 U
Cis-1,3-Dichloropropene	7 U	7 U	12 U	11 U	5 U	6 U
Ethylbenzene	7 U	7 U	12 U	11 U	5 U	6 U
Bromomethane	14 U	14 U	24 U	22 U	10 U	11 U
Chloromethane	14 U	14 U	24 U	22 U	10 U	11 U
Methylene chloride	30 UJ	27 UJ	60 UJ	77 UJ	15 UJ	100 UJ
1,1,2,2-Tetrachloroethane	7 U	7 U	12 U	11 U	5 U	6 U
Tetrachloroethene	7 U	7 U	12 U	11 U	5 U	6 U
Toluene	7 U	7 U	12 U	11 U	5 U	6 U
1,1,1-Trichloroethane	7 U	7 U	12 U	11 U	5 U	6 U
1,1,2-Trichloroethane	7 U	7 U	12 U	11 U	5 U	6 U
Trichloroethene	7 U	7 U	12 U	11 U	5 U	6 U
Vinyl chloride	14 U	14 U	24 U	22 U	10 U	11 U
Trans-1,3-Dichloropropene	7 U	7 U	12 U	11 U	5 U	6 U
Styrene	7 U	7 U	12 U	11 U	5 U	6 U
Acetone	110	14 U	55 UJ	60	30	44 UJ
2-Butanone	14 U	14 U	24 U	22 U	10 U	11 U
Carbon disulfide	7 U	7 U	12 U	11 U	5 U	6 U
2-Hexanone	14 U	14 U	24 U	22 U	10 U	11 U
4-Methyl-2-pentanone	14 U	14 U	24 U	22 U	10 U	11 U
Vinyl acetate	14 U	14 U	24 U	22 U	10 U	11 U
Xylenes (Total)	7 U	7 U	12 U	11 U	5 U	6 U
1,2-Dichloroethene(Total)	7 U	7 U	12 U	11 U	5 U	6 U

TABLE F1.1A, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-1-00-S	TP-2-00-S	TP-3-00-S	TP-4-00-S	TP-5-00-S	TP-6-00-S
VOLATILES (µg/kg)						
Benzene	6 U	6 U	6 U	6 U	6 U	5 U
Bromoform	6 U	6 U	6 U	6 U	6 U	5 U
Carbon tetrachloride	6 U	6 U	6 U	6 U	6 U	5 U
Chlorobenzene	6 U	6 U	6 U	6 U	6 U	5 U
Dibromochloromethane	6 U	6 U	6 U	6 U	6 U	5 U
Chloroethane	11 U	13 U	11 U	12 U	11 U	11 U
Chloroform	5 U	5 U	2 J	2 J	6 U	5 U
Bromodichloromethane	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethane	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethane	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethene	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloropropane	6 U	6 U	6 U	6 U	6 U	5 U
Cis-1,3-Dichloropropene	6 U	6 U	6 U	6 U	6 U	5 U
Ethylbenzene	6 U	6 U	6 U	6 U	6 U	5 U
Bromomethane	11 U	13 U	11 U	12 U	11 U	11 U
Chloromethane	11 U	13 U	11 U	12 U	11 U	11 U
Methylene chloride	27 U	20 U	30 U	14 U	13 U	9 U
1,1,2,2-Tetrachloroethane	6 U	6 U	6 U	6 U	6 U	5 U
Tetrachloroethene	6 U	6 U	6 U	6 U	6 U	5 U
Toluene	6 U	6 U	6 U	6 U	6 U	5 U
1,1,1-Trichloroethane	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2-Trichloroethane	6 U	6 U	6 U	6 U	6 U	5 U
Trichloroethene	6 U	6 U	6 U	6 U	6 U	5 U
Vinyl chloride	11 U	13 U	11 U	12 U	11 U	11 U
Trans-1,3-Dichloropropene	6 U	6 U	6 U	6 U	6 U	5 U
Styrene	6 U	6 U	6 U	6 U	6 U	5 U
Acetone	10 U	13 UJ	14 UJ	15	11 U	14
2-Butanone	11 U	13 U	11 U	12 U	11 U	11 U
Carbon disulfide	6 U	6 U	6 U	6 U	6 U	5 U
2-Hexanone	11 U	13 U	11 U	12 U	11 U	11 U
4-Methyl-2-pentanone	11 U	13 U	11 U	12 U	11 U	11 U
Vinyl acetate	11 U	13 U	11 U	12 U	11 U	11 U
Xylenes (Total)	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethene(Total)	6 U	6 U	6 U	6 U	6 U	5 U

TABLE F1.1A, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-7-00-S	TP-8-00-S	TP-9-00-S	B-09-01-00-S	B-09-02-00-S	B-09-03-00-S
VOLATILES (µg/kg)						
Benzene	5 U	5 U	6 U	5 U	6 U	5 U
Bromoform	5 U	5 U	6 U	5 U	6 U	5 U
Carbon tetrachloride	5 U	5 U	6 U	5 U	6 U	5 U
Chlorobenzene	5 U	5 U	6 U	5 U	6 U	5 U
Dibromochloromethane	5 U	5 U	6 U	5 U	6 U	5 U
Chloroethane	10 U	11 U	11 U	11 U	12 U	11 U
Chloroform	5 U	2 J	6 U	5 U	1 J	1 J
Bromodichloromethane	5 U	5 U	6 U	5 U	6 U	5 U
1,1-Dichloroethane	5 U	5 U	6 U	5 U	6 U	5 U
1,2-Dichloroethane	5 U	5 U	6 U	5 U	6 U	5 U
1,1-Dichloroethene	5 U	5 U	6 U	5 U	6 U	5 U
1,2-Dichloropropane	5 U	5 U	6 U	5 U	6 U	5 U
Cis-1,3-Dichloropropene	5 U	5 U	6 U	5 U	6 U	5 U
Ethylbenzene	5 U	5 U	6 U	5 U	6 U	5 U
Bromomethane	10 U	11 U	11 U	11 U	12 U	11 U
Chloromethane	10 U	11 U	11 U	11 U	12 U	11 U
Methylene chloride	11 U	15 U	10 U	22 UJ	18 UJ	24 UJ
1,1,2,2-Tetrachloroethane	5 U	5 U	6 U	5 U	6 U	5 U
Tetrachloroethene	5 U	5 U	6 U	5 U	6 U	5 U
Toluene	5 U	5 U	6 U	5 U	6 U	5 U
1,1,1-Trichloroethane	5 U	5 U	6 U	5 U	6 U	5 U
1,1,2-Trichloroethane	5 U	5 U	6 U	5 U	6 U	5 U
Trichloroethene	5 U	5 U	6 U	5 U	6 U	5 U
Vinyl chloride	10 U	11 U	11 U	11 U	12 U	11 U
Trans-1,3-Dichloropropene	5 U	5 U	6 U	5 U	6 U	5 U
Styrene	5 U	5 U	6 U	5 U	6 U	5 U
Acetone	24	19 U	12 U	15 UJ	31 UJ	14 UJ
2-Butanone	10 U	11 U	11 U	11 U	12 U	11 U
Carbon disulfide	5 U	5 U	6 U	5 U	6 U	5 U
2-Hexanone	10 U	11 U	11 U	11 U	12 U	11 U
4-Methyl-2-pentanone	10 U	11 U	11 U	11 U	12 U	11 U
Vinyl acetate	10 U	11 U	11 U	11 U	12 U	11 U
Xylenes (Total)	5 U	5 U	6 U	5 U	6 U	5 U
1,2-Dichloroethene(Total)	5 U	5 U	6 U	5 U	6 U	5 U

TABLE F1.1B

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	S-09-01-00-S	S-09-02-00-S	S-09-03-00-S	S-09-04-00-S	S-09-05-00-S
SEMIVOLATILES (µg/kg)					
Acenaphthene	120 J	160 J	150 J	86 J	340 U
Acenaphthylene	450 U	460 U	790 U	720 U	340 U
Anthracene	270 J	360 J	190 J	79 J	340 U
Benzo(a)anthracene	980	810	610 J	350 J	170 J
Benzo(a)pyrene	780	600	540 J	440 J	140 J
Benzo(b)/Benzo(k)fluoranthene	1500	1200	970	770	330 J
Benzo(b)fluoranthene					
Benzo(g,h,i)perylene	260 J	210 J	240 J	240 J	130 J
bis(2-Chloroethoxy)methane	450 U	460 U	790 U	720 U	340 U
bis(2-Chloroethyl)ether	450 U	460 U	790 U	720 U	340 U
bis(2-Chloroisopropyl)ether	450 U	460 U	790 U	720 U	340 U
bis(2-Ethylhexyl)phthalate	400 J	620	1000	530 J	1600
4-Bromophenyl phenyl ether	450 U	460 U	790 U	720 U	340 U
Butyl benzyl phthalate	450 U	460 U	790 U	720 U	38 J
2-Chloronaphthalene	450 U	460 U	790 U	720 U	340 U
4-Chlorophenyl phenyl ether	450 U	460 U	790 U	720 U	340 U
Chrysene	1000	890	690 J	420 J	250 J
Dibenzo(a,h)anthracene	170 J	120 J	170 J	120 J	51 J
1,2-Dichlorobenzene	450 U	460 U	790 U	720 U	340 U
1,3-Dichlorobenzene	450 U	460 U	790 U	720 U	340 U
1,4-Dichlorobenzene	450 U	460 U	790 U	720 U	340 U
3,3'-Dichlorobenzidine	900 U	920 U	1600 U	1400 U	670 U
Diethyl phthalate	450 U	460 U	790 U	720 U	340 U
Dimethyl phthalate	450 U	460 U	790 U	720 U	340 U
Di-n-butyl phthalate	190 J	460 U	190 J	720 U	170 J
2,4-Dinitrotoluene	450 U	460 U	790 U	720 U	340 U
2,6-Dinitrotoluene	450 U	460 U	790 U	720 U	340 U
Di-n-octyl phthalate	450 U	460 U	790 U	720 U	340 U
Fluoranthene	1700	1700	1300	620 J	350
Fluorene	150 J	160 J	160 J	84 J	170 U
Hexachlorobenzene	450 U	460 U	790 U	720 U	340 U
Hexachlorobutadiene	450 U	460 U	790 U	720 U	340 U
Hexachlorocyclopentadiene	450 U	460 U	790 U	720 U	340 U
Hexachloroethane	450 U	460 U	790 U	720 U	340 U
Indeno(1,2,3-cd)pyrene	280 J	210 J	240 J	210 J	120 J
Isophorone	450 U	460 U	790 U	720 U	340 U
Naphthalene	450 U	460 U	790 U	120 J	340 U
Nitrobenzene	450 U	460 U	790 U	720 U	340 U
N-Nitroso-di-n-propylamine	450 U	460 U	790 U	720 U	340 U
N-Nitrosodiphenylamine(1)	450 U	460 U	790 U	720 U	340 U
Phenanthrene	1300	1400	1200	460 J	150 J
Pyrene	1300	1300	1100	530 J	400
1,2,4-Trichlorobenzene	450 U	460 U	790 U	720 U	340 U
Benzyl alcohol	450 U	460 U	790 U	720 U	340 U
4-Chloroaniline	450 U	460 U	790 U	720 U	340 U
Dibenzofuran	71 J	87 J	86 J	**360 U**	**170 U**
2-Methylnaphthalene	450 U	460 U	790 U	720 U	340 U
2-Nitroaniline	2200 U	2200 U	3800 U	3500 U	1600 U
3-Nitroaniline	2200 U	2200 U	3800 U	3500 U	1600 U
4-Nitroaniline	2200 U	2200 U	3800 U	3500 U	1600 U
2-Chlorophenol	450 U	460 U	790 U	720 U	340 U
2,4-Dichlorophenol	450 U	460 U	790 U	720 U	340 U
2,4-Dimethylphenol	450 U	460 U	790 U	720 U	340 U
4,6-Dinitro-2-methylphenol	2200 U	2200 U	3800 U	3500 U	1600 U
2,4-Dinitrophenol	2200 U	2200 U	3800 U	3500 U	1600 U
2-Nitrophenol	450 U	460 U	790 U	720 U	340 U
4-Nitrophenol	2200 U	2200 U	3800 U	3500 U	1600 U
4-Chloro-3-methylphenol	450 U	460 U	790 U	720 U	340 U
Pentachlorophenol	1100 U	1100 U	1900 U	1750 U	800 U
Phenol	450 U	460 U	790 U	720 U	340 U
2,4,6-Trichlorophenol	450 U	460 U	790 U	720 U	340 U
2-Methylphenol	450 U	460 U	790 U	720 U	340 U
4-Methylphenol	450 U	460 U	790 U	720 U	340 U
Benzoic acid	63 J	1100 U	210 J	1750 U	800 U
2,4,5-Trichlorophenol	2200 U	2200 U	3800 U	3500 U	1600 U

TABLE F1.1B, continued

NCBC DAVISVILLE
SITE 09 -- ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	S-09-06-00-S	TP-1-00-S	TP-2-00-S	TP-3-00-S	TP-4-00-S
SEMIVOLATILES (µg/kg)					
Acenaphthene	130 J	50 J	420 U	94 J	390 U
Acenaphthylene	370 U	370 U	420 U	81 J	390 U
Anthracene	280 J	130 J	420 U	180 J	390 U
Benzo(a)anthracene	810	480	120 J	1300	390 U
Benzo(a)pyrene	650	470	210 J	1400	390 U
Benzo(b)/Benzo(k)fluoranthene	1100	800	390 J	3800	390 U
Benzo(b)fluoranthene					
Benzo(g,h,i)perylene	520	290 J	390 J	1100	390 U
bis(2-Chloroethoxy)methane	370 U	370 U	420 U	380 U	390 U
bis(2-Chloroethyl)ether	370 U	370 U	420 U	380 U	390 U
bis(2-Chloroisopropyl)ether	370 U	370 U	420 U	380 U	390 U
bis(2-Ethylhexyl)phthalate	75 J	150 J	160 J	240 J	390 U
4-Bromophenyl phenyl ether	370 U	370 U	420 U	380 U	390 U
Butyl benzyl phthalate	370 U	370 U	81 J	380 U	390 U
2-Chloronaphthalene	370 U	370 U	420 U	380 U	390 U
4-Chlorophenyl phenyl ether	370 U	370 U	420 U	380 U	390 U
Chrysene	950	540	160 J	1700	390 U
Dibenzo(a,h)anthracene	290 J	84 J	59 J	440	390 U
1,2-Dichlorobenzene	370 U	370 U	420 U	380 U	390 U
1,3-Dichlorobenzene	370 U	370 U	420 U	380 U	390 U
1,4-Dichlorobenzene	370 U	370 U	420 U	380 U	390 U
3,3'-Dichlorobenzidine	730 U	730 U	850 U	760 U	790 U
Diethyl phthalate	370 U	370 U	420 U	380 U	390 U
Dimethyl phthalate	370 U	370 U	420 U	380 U	390 U
Di-n-butyl phthalate	370 U	370 U	420 U	380 U	390 U
2,4-Dinitrotoluene	370 U	370 U	420 U	380 U	390 U
2,6-Dinitrotoluene	370 U	370 U	420 U	380 U	390 U
Di-n-octyl phthalate	370 U	370 U	420 U	380 U	390 U
Fluoranthene	1400	990	150 J	2400	390 U
Fluorene	130 J	58 J	420 U	88 J	195 U
Hexachlorobenzene	370 U	370 U	420 U	380 U	390 U
Hexachlorobutadiene	370 U	370 U	420 U	380 U	390 U
Hexachlorocyclopentadiene	370 U	370 U	420 U	380 U	390 U
Hexachloroethane	370 U	370 U	420 U	380 U	390 U
Indeno(1,2,3-cd)pyrene	490	200 J	250 J	1200	390 U
Isophorone	370 U	370 U	420 U	380 U	390 U
Naphthalene	370 U	370 U	420 U	41 J	390 U
Nitrobenzene	370 U	370 U	420 U	380 U	390 U
N-Nitroso-di-n-propylamine	370 U	370 U	420 U	380 U	390 U
N-Nitrosodiphenylamine(1)	370 U	370 U	420 U	380 U	390 U
Phenanthrene	1400	800	65 J	1100	390 U
Pyrene	1400	730	160 J	1900	390 U
1,2,4-Trichlorobenzene	370 U	370 U	420 U	380 U	390 U
Benzyl alcohol	370 U	370 U	420 U	380 U	390 U
4-Chloroaniline	370 U	370 U	420 U	380 U	390 U
Dibenzofuran	63 J	**185 U**	**210 U**	42 J	**195 U**
2-Methylnaphthalene	370 U	370 U	420 U	42 J	390 U
2-Nitroaniline	1800 U	1800 U	2100 U	1800 U	1900 U
3-Nitroaniline	1800 U	1800 U	2100 U	1800 U	1900 U
4-Nitroaniline	1800 U	1800 U	2100 U	1800 U	1900 U
2-Chlorophenol	370 U	370 U	420 U	380 U	390 U
2,4-Dichlorophenol	370 U	370 U	420 U	380 U	390 U
2,4-Dimethylphenol	370 U	370 U	420 U	380 U	390 U
4,6-Dinitro-2-methylphenol	1800 U	1800 U	2100 U	1800 U	1900 U
2,4-Dinitrophenol	1800 U	1800 U	2100 U	1800 U	1900 U
2-Nitrophenol	370 U	370 U	420 U	380 U	390 U
4-Nitrophenol	1800 U	1800 U	2100 U	1800 U	1900 U
4-Chloro-3-methylphenol	370 U	370 U	420 U	380 U	390 U
Pentachlorophenol	900 U	900 U	1050 U	900 U	950 U
Phenol	370 U	370 U	420 U	380 U	390 U
2,4,6-Trichlorophenol	370 U	370 U	420 U	380 U	390 U
2-Methylphenol	370 U	370 U	420 U	380 U	390 U
4-Methylphenol	370 U	370 U	420 U	380 U	390 U
Benzoic acid	110 J	870 J	1050 U	350 J	950 U
2,4,5-Trichlorophenol	1800 U	1800 U	2100 U	1800 U	1900 U

TABLE F1.1B, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-5-00-S	TP-6-00-S	TP-7-00-S	TP-8-00-S	TP-9-00-S
SEMIVOLATILES (µg/kg)					
Acenaphthene	380 U	110 J	340 U	270 J	380 U
Acenaphthylene	380 U	350 U	340 U	350 U	380 U
Anthracene	380 U	180 J	340 U	520	380 U
Benzo(a)anthracene	380 U	660	150 J	1300	380 U
Benzo(a)pyrene	380 U	630	130 J	980	380 U
Benzo(b)/Benzo(k)fluoranthene	380 U	550	170 J	1500	42 J
Benzo(b)fluoranthene					
Benzo(g,h,i)perylene	380 U	310 J	70 J	490	380 U
bis(2-Chloroethoxy)methane	380 U	350 U	340 U	350 U	380 U
bis(2-Chloroethyl)ether	380 U	350 U	340 U	350 U	380 U
bis(2-Chloroisopropyl)ether	380 U	350 U	340 U	350 U	380 U
bis(2-Ethylhexyl)phthalate	380 U	450	56 J	730 UJ	1000 U
4-Bromophenyl phenyl ether	380 U	350 U	340 U	350 U	380 U
Butyl benzyl phthalate	380 U	350 U	340 U	47 J	380 U
2-Chloronaphthalene	380 U	350 U	340 U	350 U	380 U
4-Chlorophenyl phenyl ether	380 U	350 U	340 U	350 U	380 U
Chrysene	380 U	720	370	1100	380 U
Dibenzo(a,h)anthracene	380 U	130 J	340 U	240 J	380 U
1,2-Dichlorobenzene	380 U	350 U	340 U	350 U	380 U
1,3-Dichlorobenzene	380 U	350 U	340 U	350 U	380 U
1,4-Dichlorobenzene	380 U	350 U	340 U	350 U	380 U
3,3'-Dichlorobenzidine	760 U	710 U	680 U	710 U	760 U
Diethyl phthalate	380 U	350 U	340 U	350 U	380 U
Dimethyl phthalate	380 U	350 U	340 U	350 U	380 U
Di-n-butyl phthalate	380 U	5700	340 U	320 J	380 U
2,4-Dinitrotoluene	380 U	350 U	340 U	350 U	380 U
2,6-Dinitrotoluene	380 U	350 U	340 U	350 U	380 U
Di-n-octyl phthalate	380 U	350 U	340 U	350 U	380 U
Fluoranthene	380 U	1300	320 J	2800	380 U
Fluorene	190 U	85 J	170 U	160 J	190 U
Hexachlorobenzene	380 U	350 U	340 U	350 U	380 U
Hexachlorobutadiene	380 U	350 U	340 U	350 U	380 U
Hexachlorocyclopentadiene	380 U	350 U	340 U	350 U	380 U
Hexachloroethane	380 U	350 U	340 U	350 U	380 U
Indeno(1,2,3-cd)pyrene	380 U	300 J	75 J	450	380 U
Isophorone	380 U	350 U	340 U	350 U	380 U
Naphthalene	380 U	350 U	340 U	120 J	380 U
Nitrobenzene	380 U	350 U	340 U	350 U	380 U
N-Nitroso-di-n-propylamine	380 U	350 U	340 U	350 U	380 U
N-Nitrosodiphenylamine(1)	380 U	350 U	340 U	350 U	380 U
Phenanthrene	380 U	960	150 J	2300	380 U
Pyrene	380 U	980	280 J	2100	380 U
1,2,4-Trichlorobenzene	380 U	350 U	340 U	350 U	380 U
Benzyl alcohol	380 U	350 U	340 U	350 U	380 U
4-Chloroaniline	380 U	350 U	340 U	350 U	380 U
Dibenzofuran	**190 U**	44 J	**170 U**	100 J	**190 U**
2-Methylnaphthalene	380 U	350 U	340 U	350 U	380 U
2-Nitroaniline	1800 U	1700 U	1600 U	1700 U	1800 U
3-Nitroaniline	1800 U	1700 U	1600 U	1700 U	1800 U
4-Nitroaniline	1800 U	1700 U	1600 U	1700 U	1800 U
2-Chlorophenol	380 U	350 U	340 U	350 U	380 U
2,4-Dichlorophenol	380 U	350 U	340 U	350 U	380 U
2,4-Dimethylphenol	380 U	350 U	340 U	350 U	380 U
4,6-Dinitro-2-methylphenol	1800 U	1700 U	1600 U	1700 U	1800 U
2,4-Dinitrophenol	1800 U	1700 U	1600 U	1700 U	1800 U
2-Nitrophenol	380 U	350 U	340 U	350 U	380 U
4-Nitrophenol	1800 U	1700 U	1600 U	1700 U	1800 U
4-Chloro-3-methylphenol	380 U	350 U	340 U	350 U	380 U
Pentachlorophenol	900 U	52 J	800 U	850 U	900 U
Phenol	380 U	350 U	340 U	350 U	380 U
2,4,6-Trichlorophenol	380 U	350 U	340 U	350 U	380 U
2-Methylphenol	380 U	350 U	340 U	350 U	380 U
4-Methylphenol	380 U	350 U	340 U	350 U	380 U
Benzoic acid	180 J	850 U	800 U	49 BJ	900 U
2,4,5-Trichlorophenol	1800 U	1700 U	1600 U	1700 U	1800 U

TABLE F1.1B, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	B-09-01-00-S	B-09-02-00-S	B-09-03-00-S
SEMIVOLATILES (µg/kg)			
Acenaphthene	38 J	400 U	360 U
Acenaphthylene	360 U	400 U	360 U
Anthracene	78 J	400 U	360 U
Benzo(a)anthracene	410	400 U	360 U
Benzo(a)pyrene	160 J	400 U	360 U
Benzo(b)/Benzo(k)fluoranthene			
Benzo(b)fluoranthene	120 J	400 U	360 U
Benzo(g,h,i)perylene	99 J	400 U	360 U
bis(2-Chloroethoxy)methane	360 U	400 U	360 U
bis(2-Chloroethyl)ether	360 U	400 U	360 U
bis(2-Chloroisopropyl)ether	360 U	400 U	360 U
bis(2-Ethylhexyl)phthalate	360 U	400 U	360 U
4-Bromophenyl phenyl ether	360 U	400 U	360 U
Butyl benzyl phthalate	360 U	400 U	360 U
2-Chloronaphthalene	360 U	400 U	360 U
4-Chlorophenyl phenyl ether	360 U	400 U	360 U
Chrysene	230 J	400 U	360 U
Dibenzo(a,h)anthracene	360 U	400 U	360 U
1,2-Dichlorobenzene	360 U	400 U	360 U
1,3-Dichlorobenzene	360 U	400 U	360 U
1,4-Dichlorobenzene	360 U	400 U	360 U
3,3'-Dichlorobenzidine	720 U	810 U	720 U
Diethyl phthalate	360 U	400 U	360 U
Dimethyl phthalate	360 U	400 U	360 U
Di-n-butyl phthalate	360 U	400 U	360 U
2,4-Dinitrotoluene	360 U	400 U	360 U
2,6-Dinitrotoluene	360 U	400 U	360 U
Di-n-octyl phthalate	360 U	400 U	360 U
Fluoranthene	480	53 J	360 U
Fluorene	60 J	200 U	180 U
Hexachlorobenzene	360 U	400 U	360 U
Hexachlorobutadiene	360 U	400 U	360 U
Hexachlorocyclopentadiene	360 U	400 U	360 U
Hexachloroethane	360 U	400 U	360 U
Indeno(1,2,3-cd)pyrene	85 J	400 U	360 U
Isophorone	360 U	400 U	360 U
Naphthalene	360 U	400 U	360 U
Nitrobenzene	360 U	400 U	360 U
N-Nitroso-di-n-propylamine	360 U	400 U	360 U
N-Nitrosodiphenylamine(1)	360 U	400 U	360 U
Phenanthrene	600	400 U	360 U
Pyrene	490	45 J	360 U
1,2,4-Trichlorobenzene	360 U	400 U	360 U
Benzyl alcohol	360 U	400 U	360 U
4-Chloroaniline	360 U	400 U	360 U
Dibenzofuran	**180 U**	**200 U**	**180 U**
2-Methylnaphthalene	360 U	400 U	360 U
2-Nitroaniline	1700 U	2000 U	1700 U
3-Nitroaniline	1700 U	2000 U	1700 U
4-Nitroaniline	1700 U	2000 U	1700 U
2-Chlorophenol	360 U	400 U	360 U
2,4-Dichlorophenol	360 U	400 U	360 U
2,4-Dimethylphenol	360 U	400 U	360 U
4,6-Dinitro-2-methylphenol	1700 U	2000 U	1700 U
2,4-Dinitrophenol	1700 U	2000 U	1700 U
2-Nitrophenol	360 U	400 U	360 U
4-Nitrophenol	1700 U	2000 U	1700 U
4-Chloro-3-methylphenol	360 U	400 U	360 U
Pentachlorophenol	850 U	1000 U	850 U
Phenol	360 U	400 U	360 U
2,4,6-Trichlorophenol	360 U	400 U	360 U
2-Methylphenol	360 U	400 U	360 U
4-Methylphenol	360 U	400 U	360 U
Benzoic acid	850 U	1000 U	850 U
2,4,5-Trichlorophenol	1700 U	2000 U	1700 U

TABLE F1.1C

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	S-09-01-00-S	S-09-02-00-S	S-09-03-00-S	S-09-04-00-S	S-09-05-00-S	S-09-06-00-S
PESTICIDES/PCBs (µg/kg)						
Aldrin	11 U	110 U	190 U	170 U	8.2 U	8.9 U
Alpha-BHC	11 U	110 U	190 U	170 U	8.2 U	8.9 U
Beta-BHC	11 U	110 U	190 U	170 U	8.2 U	8.9 U
Gamma-BHC (Lindane)	11 U	110 U	190 U	170 U	8.2 U	8.9 U
Delta-BHC	11 U	110 U	190 U	170 U	8.2 U	8.9 U
4,4'-DDT	22 U	220 U	380 U	350 U	16 U	18 U
4,4'-DDE	22 U	220 U	380 U	350 U	16 U	18 U
4,4'-DDD	22 U	220 U	380 U	350 U	16 U	18 U
Dieldrin	22 U	220 U	380 U	350 U	16 U	18 U
Endosulfan I	11 U	110 U	190 U	170 U	8.2 U	8.9 U
Endosulfan II	22 U	220 U	380 U	350 U	16 U	18 U
Endosulfan sulfate	22 U	220 U	380 U	350 U	16 U	18 U
Endrin	22 U	220 U	380 U	350 U	16 U	18 U
Heptachlor	11 U	110 U	190 U	170 U	8.2 U	8.9 U
Heptachlor epoxide	11 U	110 U	190 U	170 U	8.2 U	8.9 U
PCB-1242	110 U	1100 U	1900 U	1700 U	82 U	89 U
PCB-1254	220 U	2200 U	3800 U	3500 U	160 U	180 U
PCB-1221	110 U	1100 U	1900 U	1700 U	82 U	89 U
PCB-1232	110 U	1100 U	1900 U	1700 U	82 U	89 U
PCB-1248	110 U	1100 U	1900 U	1700 U	82 U	89 U
PCB-1260	220 U	2200 U	3800 U	3500 U	160 U	340
PCB-1016	110 U	1100 U	1900 U	1700 U	82 U	89 U
Toxaphene	220 U	2200 U	3800 U	3500 U	160 U	180 U
p,p'-Methoxychlor	110 U	1100 U	1900 U	1700 U	82 U	89 U
Endrin ketone	22 U	220 U	380 U	350 U	16 U	18 U
Alpha chlordane	110 U	1100 U	1900 U	1700 U	82 U	89 U
Gamma chlordane	110 U	1100 U	1900 U	1700 U	82 U	89 U

TABLE F1.1C, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-1-00-S	TP-2-00-S	TP-3-00-S	TP-4-00-S	TP-5-00-S	TP-6-00-S
PESTICIDES/PCBs (µg/kg)						
Aldrin	8.9 U	10 U	9.2 U	9.5 U	9.2 U	8.6 U
Alpha-BHC	8.9 U	10 U	9.2 U	9.5 U	9.2 U	8.6 U
Beta-BHC	8.9 U	10 U	9.2 U	9.5 U	9.2 U	11
Gamma-BHC (Lindane)	8.9 U	10 U	9.2 U	9.5 U	9.2 U	8.6 U
Delta-BHC	8.9 U	10 U	9.2 U	9.5 U	9.2 U	8.6 U
4,4'-DDT	18 U	20 U	18 U	19 U	18 U	17 U
4,4'-DDE	18 U	20 U	18 U	19 U	18 U	17 U
4,4'-DDD	18 U	20 U	18 U	19 U	18 U	17 U
Dieldrin	18 U	20 U	18 U	19 U	18 U	17 U
Endosulfan I	8.9 U	10 U	9.2 U	9.5 U	9.2 U	8.6 U
Endosulfan II	18 U	20 U	18 U	19 U	18 U	17 U
Endosulfan sulfate	18 U	20 U	18 U	19 U	18 U	17 U
Endrin	18 U	20 U	18 U	19 U	18 U	17 U
Heptachlor	8.9 U	10 U	9.2 U	9.5 U	9.2 U	8.6 U
Heptachlor epoxide	8.9 U	10 U	9.2 U	9.5 U	9.2 U	8.6 U
PCB-1242	89 U	100 U	92 U	95 U	92 U	86 U
PCB-1254	180 U	200 U	2600	190 U	180 U	170 U
PCB-1221	89 U	100 U	92 U	95 U	92 U	86 U
PCB-1232	89 U	100 U	92 U	95 U	92 U	86 U
PCB-1248	89 U	100 U	92 U	95 U	92 U	86 U
PCB-1260	840	520	2300	190 U	180 U	260
PCB-1016	89 U	100 U	92 U	95 U	92 U	86 U
Toxaphene	180 U	200 U	180 U	190 U	180 U	170 U
p,p'-Methoxychlor	89 U	100 U	92 U	95 U	92 U	17 U
Endrin ketone	18 U	20 U	18 U	19 U	18 U	17 U
Alpha chlordane	89 U	100 U	92 U	95 U	92 U	86 U
Gamma chlordane	89 U	100 U	92 U	95 U	92 U	86 U

TABLE F1.1C, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-7-00-S	TP-8-00-S	TP-9-00-S	B-09-01-00-S	B-09-02-00-S	B-09-03-00-S
PESTICIDES/PCBs (μg/kg)						
Aldrin	8.2 U	8.6 U	9.2 U	8.7 U	9.8 U	8.7 U
Alpha-BHC	8.2 U	8.6 U	9.2 U	8.7 U	9.8 U	8.7 U
Beta-BHC	8.2 U	8.6 U	9.2 U	21	9.8 U	8.7 U
Gamma-BHC (Lindane)	8.2 U	8.6 U	9.2 U	8.7 U	9.8 U	8.7 U
Delta-BHC	8.2 U	8.6 U	9.2 U	8.7 U	9.8 U	8.7 U
4,4'-DDT	16 U	17 U	18 U	17 U	20 U	17 U
4,4'-DDE	16 U	17 U	18 U	17 U	20 U	17 U
4,4'-DDD	16 U	17 U	18 U	17 U	20 U	17 U
Dieldrin	16 U	17 U	18 U	17 U	20 U	17 U
Endosulfan I	8.2 U	8.6 U	9.2 U	8.7 U	9.8 U	8.7 U
Endosulfan II	16 U	17 U	18 U	17 U	20 U	17 U
Endosulfan sulfate	16 U	17 U	18 U	17 U	20 U	17 U
Endrin	16 U	17 U	18 U	17 U	20 U	17 U
Heptachlor	8.2 U	8.6 U	9.2 U	8.7 U	9.8 U	8.7 U
Heptachlor epoxide	8.2 U	8.6 U	9.2 U	8.7 U	9.8 U	8.7 U
PCB-1242	82 U	86 U	92 U	87 U	98 U	87 U
PCB-1254	160 U	170 U	180 U	170 U	200 U	170 U
PCB-1221	82 U	86 U	92 U	87 U	98 U	87 U
PCB-1232	82 U	86 U	92 U	87 U	98 U	87 U
PCB-1248	82 U	86 U	92 U	87 U	98 U	87 U
PCB-1260	160 U	240	180 U	170 U	200 U	170 U
PCB-1016	82 U	86 U	92 U	87 U	98 U	87 U
Toxaphene	160 U	170 U	180 U	170 U	200 U	170 U
p,p'-Methoxychlor	82 U	86 U	92 U	87 U	98 U	87 U
Endrin ketone	16 U	17 U	18 U	17 U	20 U	17 U
Alpha chlordane	82 U	86 U	92 U	87 U	98 U	87 U
Gamma chlordane	82 U	86 U	92 U	87 U	98 U	87 U

TABLE F1.1D

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	S-09-01-00-S	S-09-02-00-S	S-09-03-00-S	S-09-04-00-S	S-09-05-00-S	S-09-06-00-S
INORGANICS (mg/kg)						
Antimony	25	65.3	23.8 U	21 U	10.1 U	11 U
Arsenic	11.3	32.5	10.7	16.5	3.1	2.6
Beryllium	0.83	1.3	1.2	1	75.4	0.15 U
Cadmium	5.8	4.1	5	11.2	0.89 U	0.97 U
Chromium	176	560	67.5	65.7	955	18.5
Copper	1210	1730	315	444	24700	62.8
Lead	1140	4070	370	656	8710	90.8
Mercury	1.4	0.23 U	0.33 U	0.46	2	0.21 U
Nickel	148	92.5	34.3	56.8	4210	7.9 U
Selenium	0.42 U	0.44 U	0.73 U	3.4 U	3.2	0.36 U
Silver	6.5	3.1	4.3	3.7	33.1	1.3 U
Thallium	1.7 U	1.8 U	3 U	2.8 U	0.26 U	0.29 U
Zinc	1890	2470	757	1150	34300	72.3
Barium	97.4	74	59.8	221	1190	10
Iron	144000	369000	58000	143000	303000	11500
Manganese	901	1160	212	509	2920	82.8
Vanadium	134	77.9	69.3	61.5	114	17.6
Aluminum	4710	3260	9930	8850	37900	4170
Cobalt	32.9	59.8	14.8	33.1	431	4.2 U
Magnesium	2700	3380	5420	7650	14600	1460
Calcium	2650	4000	5360	3600	32800	511
Sodium	5060	4120	10700	4120	3560	464 U
Potassium	1570	721 U	1430	846 U	1960	444 U
Cyanide	0.67 U	0.69 U	1.2 U	1.1 U	0.51 U	0.55 U

TABLE F1.1D, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-1-00-S	TP-2-00-S	TP-3-00-S	TP-4-00-S	TP-5-00-S	TP-6-00-S
INORGANICS (mg/kg)						
Antimony	10.8 U	12.7 U	11.1 U	12 U	11.3 U	10.7 U
Arsenic	2.2	4.7	2.2	1	0.98	1.9
Beryllium	1.5	1.5	1.5	1.2	1.6	3
Cadmium	16.1	16.5	7	1.1 U	0.99 U	3.7
Chromium	22.2	46.9	19.4	3	5.1	25.8
Copper	118	223	5730	2.7	4.4	222
Lead	825	481	553	3.8	11.8	251
Mercury	0.43	1.2	0.57	0.11 U	0.11 U	0.33
Nickel	20.4	112	24.5	8.6 U	8 U	92
Selenium	3.6 U	4 U	3.6 U	0.37 U	3.6 U	3.4 U
Silver	1.8	7.5	6.5	1.4 U	1.3 U	1.2 U
Thallium	0.29 U	0.33 U	0.29 U	0.3 U	0.3 U	0.28 U
Zinc	379	763	407	23.7 U	36.1 U	1440
Barium	75	99.9	54.4	7.1	12.7	55.7
Iron	16800	21900	12700	6060	10400	16000
Manganese	192	282	171	54.7	77.2	266
Vanadium	21.7	45.9	25	7.2	11.2	25.2
Aluminum	4500	7130	4860	6860	8880	5450
Cobalt	6.6	25.2	6.8	1.9	4	16
Magnesium	1070	1990	1430	373	753	1330
Calcium	1090	4050	669 U	133 U	238 U	1670
Sodium	403 U	473 U	414 U	448 U	420 U	400 U
Potassium	435 U	511 U	448 U	484 U	578	512
Cyanide	1.1	0.63 U	0.57 U	0.6 U	0.57 U	0.54 U

TABLE F1.1D, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-7-00-S	TP-8-00-S	TP-9-00-S	B-09-01-00-S	B-09-02-00-S	B-09-03-00-S
INORGANICS (mg/kg)						
Antimony	10.1 U	10.3 U	11 U	5.6 U	6.2 U	5.9 U
Arsenic	0.44 U	2.2	1.6	5	0.98	1.6
Beryllium	3	27.4	0.9	0.21 U	0.23 U	0.22 U
Cadmium	0.89 U	1.1	1.2	27	1.2 U	1.1 U
Chromium	12.8	469	5	9.4	3.3	5.2
Copper	191	4340	17.8	24.2 U	6.5 U	6.7 U
Lead	187	3070	14.6	25.5	9.9	6.5
Mercury	0.1 U	0.29	0.1 U	0.11 U	0.12 U	0.1 U
Nickel	75	1490	7.9 U	12.8	8.8 U	12.3
Selenium	3.2 U	3.1	1.8 U	0.43 U	0.48 U	0.43 U
Silver	1.1 U	3.4	1.3 U	1.4	0.69 U	0.65 U
Thallium	0.26 U	0.28 U	0.35	0.43 U	0.48 U	0.43 U
Zinc	994	12700	44.3 U	58.8	75.3	26.4
Barium	22.2	492	12.2	21.3	11.4	8.5
Iron	10200	113000	7970	18300	7900	9250
Manganese	144	1180	85.7	207	105	141
Vanadium	8.2	63.7	9.5	20.8	9.8	4.5
Aluminum	2370	18000	3030	6340	4550	4390
Cobalt	10	181	3.8	10.9	2.4	5.7
Magnesium	689	6100	1130	2670	768	1130
Calcium	841 U	10700	995 U	607	335	213
Sodium	377 U	382 U	411 U	391	217 U	204 U
Potassium	407 U	1100	684	1030	137 U	128 U
Cyanide	0.51 U	0.53 U	0.57 U	0.54 U	0.61 U	0.54 U

TABLE F1.2A

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SUBSURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	B-09-02-02-S	B-09-03-04-S	TP-1-06-S	TP-2-08-S	TP-2-21-S	TP-3-06-S	TP-3-10-S	TP-4-12-S	TP-4-18-S
VOLATILES (µg/kg)									
Benzene	5 U	6 U	7 U	32	33 U	6 U	6 U	6 U	6 U
Bromoform	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Carbon tetrachloride	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Chlorobenzene	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Dibromochloromethane	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Chloroethane	11 U	12 U	13 U	15 U	67 U	12 U	13 U	13 U	13 U
Chloroform	5 U	5 U	7 U	5 U	11 J	2 J	2 J	6 U	2 J
Bromodichloromethane	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Cis-1,3-Dichloropropene	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Ethylbenzene	5 U	6 U	7 U	6 J	33 U	6 U	6 U	6 U	6 U
Bromomethane	11 U	12 U	13 U	15 U	67 U	12 U	13 U	13 U	13 U
Chloromethane	11 U	12 U	13 U	15 U	67 U	12 U	13 U	13 U	13 U
Methylene chloride	15 UJ	67 UJ	23 U	40 U	88	46 U	25 U	44 U	23 U
1,1,2,2-Tetrachloroethane	5 U	6 U	7 U	8 U	640	6 U	6 U	6 U	4 J
Tetrachloroethene	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Toluene	5 U	6 U	7 U	2 J	33 U	6 U	6 U	6 U	6 U
1,1,1-Trichloroethane	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Trichloroethene	5 U	6 U	7 U	8 U	670	2 J	6 U	6 U	6 U
Vinyl chloride	11 U	12 U	13 U	15 U	67 U	12 U	13 U	13 U	13 U
Trans-1,3-Dichloropropene	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Styrene	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
Acetone	18 UJ	21 UJ	23	74	80 UJ	21 UJ	13 U	13 U	25 U
2-Butanone	11 U	12 U	13 U	6 J	67 U	12 U	13 U	13 U	2 J
Carbon disulfide	5 U	6 U	7 U	8 U	33 U	6 U	6 U	6 U	6 U
2-Hexanone	11 U	12 U	13 U	15 U	67 U	12 U	13 U	13 U	13 U
4-Methyl-2-pentanone	11 U	12 U	13 U	15 U	67 U	12 U	13 U	13 U	13 U
Vinyl acetate	11 U	12 U	13 U	15 U	67 U	12 U	13 U	13 U	13 U
Xylenes (Total)	5 U	6 U	7 U	40	33 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(Total)	5 U	6 U	7 U	8 U	12 J	6 U	6 U	6 U	6 U

TABLE F1.2A, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SUBSURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-5-06-S	TP-5-20-S	TP-6-02-S	TP-7-06-S	TP-7-12-S	TP-8-06-S	TP-8-20-S	TP-9-08-S	TP-9-20-S
VOLATILES (µg/kg)									
Benzene	6 U	7 U	1500 J	5 U	6 U	6 U	4 J	6 U	29
Bromoform	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Carbon tetrachloride	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Chlorobenzene	6 U	7 U	740000 U	5 U	3 J	6 U	15 U	6 U	21 U
Dibromochloromethane	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Chloroethane	12 U	13 U	1500000 U	10 U	13 U	12 U	30 U	11 U	42 U
Chloroform	6 U	7 U	740000 U	5 U	6 U	6 U	3 J	2 J	21 U
Bromodichloromethane	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
1,1-Dichloroethane	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
1,2-Dichloroethane	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
1,1-Dichloroethene	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
1,2-Dichloropropane	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Cis-1,3-Dichloropropene	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Ethylbenzene	6 U	7 U	910000 J	5 U	6 U	3 J	15 U	6 U	21 U
Bromomethane	12 U	13 U	1500000 U	10 U	13 U	12 U	30 U	11 U	42 U
Chloromethane	12 U	13 U	1500000 U	10 U	13 U	12 U	30 U	11 U	42 U
Methylene chloride	18 U	10 U	56000	13 U	15 U	12 U	110	12 U	65 U
1,1,2,2-Tetrachloroethane	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Tetrachloroethene	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Toluene	2 J	7 U	15000000 J	5 U	6 U	2 J	6 J	6 U	77
1,1,1-Trichloroethane	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
1,1,2-Trichloroethane	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Trichloroethene	6 U	7 U	3800	5 U	6 U	1 J	15 U	6 U	150
Vinyl chloride	12 U	13 U	1500000 U	10 U	13 U	12 U	30 U	11 U	42 U
Trans-1,3-Dichloropropene	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Styrene	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
Acetone	29	28	59000	8 J	27	36 U	73 U	16 U	89 U
2-Butanone	12 U	13 U	180000 J	10 U	13 U	12 U	30 U	11 U	42 U
Carbon disulfide	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	21 U
2-Hexanone	12 U	13 U	1500000 U	10 U	13 U	12 U	30 U	11 U	42 U
4-Methyl-2-pentanone	12 U	13 U	1500000 U	10 U	13 U	12 U	30 U	11 U	42 U
Vinyl acetate	12 U	13 U	1500000 U	10 U	13 U	12 U	30 U	11 U	42 U
Xylenes (Total)	2 J	7 U	4200000 J	5 U	6 U	70	15 U	6 U	21 U
1,2-Dichloroethene(Total)	6 U	7 U	740000 U	5 U	6 U	6 U	15 U	6 U	230

TABLE F1.2B

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SUBSURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	B-09-02-02-S	B-09-03-04-S	TP-1-06-S	TP-2-08-S	TP-2-21-S	TP-3-06-S
SEMIVOLATILES (µg/kg)						
Acenaphthene	360 U	390 U	440 U	370 J	440 U	410 U
Acenaphthylene	360 U	390 U	440 U	510 U	440 U	410 U
Anthracene	360 U	390 U	440 U	270 J	440 U	410 U
Benzo(a)anthracene	170 J	390 U	440 U	1100	440 U	210 J
Benzo(a)pyrene	130 J	390 U	440 U	950	440 U	210 J
Benzo(b)fluoranthene	140 J	390 U				
Benzo(b)/Benzo(k)fluoroanthene			440 U	1500	440 U	390 J
Benzo(g,h,i)perylene	41 J	390 U	440 U	360 J	440 U	99 J
Benzo(k)fluoranthene	92 J					
bis(2-Chloroethoxy)methane	360 U	390 U	440 U	510 U	440 U	410 U
bis(2-Chloroethyl)ether	360 U	390 U	440 U	510 U	440 U	410 U
bis(2-Chloroisopropyl)ether	360 U	390 U	440 U	510 U	440 U	410 U
bis(2-Ethylhexyl)phthalate	72 J	390 U	440 U	490 J	440 U	64 J
4-Bromophenyl phenyl ether	360 U	390 U	440 U	510 U	440 U	410 U
Butyl benzyl phthalate	360 U	390 U	440 U	510 U	440 U	410 U
2-Chloronaphthalene	360 U	390 U	440 U	510 U	440 U	410 U
4-Chlorophenyl phenyl ether	360 U	390 U	440 U	510 U	440 U	410 U
Chrysene	160 J	390 U	440 U	1200	440 U	240 J
Dibenzo(a,h)anthracene	360 U	390 U	440 U	270 J	440 U	410 U
1,2-Dichlorobenzene	360 U	390 U	440 U	510 U	440 U	410 U
1,3-Dichlorobenzene	360 U	390 U	440 U	510 U	440 U	410 U
1,4-Dichlorobenzene	360 U	390 U	440 U	510 U	440 U	410 U
3,3'-Dichlorobenzidine	730 U	790 U	880 U	1000 U	880 U	820 U
Diethyl phthalate	360 U	390 U	440 U	510 U	440 U	410 U
Dimethyl phthalate	360 U	390 U	440 U	510 U	440 U	410 U
Di-n-butyl phthalate	360 U	390 U	440 U	510 U	440 U	410 U
2,4-Dinitrotoluene	360 U	390 U	440 U	510 U	440 U	410 U
2,6-Dinitrotoluene	360 U	390 U	440 U	510 U	440 U	410 U
Di-n-octyl phthalate	360 U	390 U	440 U	510 U	440 U	410 U
Fluoranthene	170 J	390 U	440 U	2000	440 U	410
Fluorene	360 U	390 U	440 U	660	440 U	410 U
Hexachlorobenzene	360 U	390 U	440 U	510 U	440 U	410 U
Hexachlorobutadiene	360 U	390 U	440 U	510 U	440 U	410 U
Hexachlorocyclopentadiene	360 U	390 U	440 U	510 U	440 U	410 U
Hexachloroethane	360 U	390 U	440 U	510 U	440 U	410 U
Indeno(1,2,3-cd)pyrene	47 J	390 U	440 U	380 J	440 U	89 J
Isophorone	360 U	390 U	440 U	510 U	440 U	410 U
Naphthalene	360 U	390 U	440 U	980	440 U	410 U
Nitrobenzene	360 U	390 U	440 U	510 U	440 U	410 U
N-Nitroso-di-n-propylamine	360 U	390 U	440 U	510 U	440 U	410 U
N-Nitrosodiphenylamine(1)	360 U	390 U	440 U	510 U	440 U	410 U
Phenanthrene	78 J	390 U	440 U	1800	440 U	280 J
Pyrene	160 J	390 U	440 U	1900	440 U	320 J
1,2,4-Trichlorobenzene	360 U	390 U	440 U	510 U	440 U	410 U
Benzyl alcohol	360 U	390 U	440 U	510 U	440 U	410 U
4-Chloroaniline	360 U	390 U	440 U	510 U	440 U	410 U
Dibenzofuran	360 U	390 U	440 U	530	440 U	410 U
2-Methylnaphthalene	360 U	390 U	440 U	890	440 U	410 U
2-Nitroaniline	1800 U	1900 U	2100 U	2500 U	2100 U	2000 U
3-Nitroaniline	1800 U	1900 U	2100 U	2500 U	2100 U	2000 U
4-Nitroaniline	1800 U	1900 U	2100 U	2500 U	2100 U	2000 U
2-Chlorophenol	360 U	390 U	440 U	510 U	440 U	410 U
2,4-Dichlorophenol	360 U	390 U	440 U	510 U	440 U	410 U
2,4-Dimethylphenol	360 U	390 U	440 U	510 U	440 U	410 U
4,6-Dinitro-2-methylphenol	1800 U	1900 U	2100 U	2500 U	2100 U	2000 U
2,4-Dinitrophenol	1800 U	1900 U	2100 U	2500 U	2100 U	2000 U
2-Nitrophenol	360 U	390 U	440 U	510 U	440 U	410 U
4-Nitrophenol	1800 U	1900 U	2100 U	2500 U	2100 U	2000 U
4-Chloro-3-methylphenol	360 U	390 U	440 U	510 U	440 U	410 U
Pentachlorophenol	1800 U	1900 U	2100 U	2500 U	2100 U	2000 U
Phenol	360 U	390 U	440 U	510 U	440 U	410 U
2,4,6-Trichlorophenol	360 U	390 U	440 U	510 U	440 U	410 U
2-Methylphenol	360 U	390 U	440 U	510 U	440 U	410 U
4-Methylphenol	360 U	390 U	440 U	510 U	440 U	410 U
Benzoic acid	1800 U	1900 U	2100 U	2500 U	2100 U	2000 U
2,4,5-Trichlorophenol	1800 U	1900 U	2100 U	2500 U	2100 U	2000 U

TABLE F1.2B, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SUBSURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-3-10-S	TP-4-12-S	TP-4-18-S	TP-5-06-S	TP-5-20-S	TP-6-02-S
SEMIVOLATILES (µg/kg)						
Acenaphthene	410 U	320 J	420 U	240 J	440 U	980 J
Acenaphthylene	410 U	850 U	420 U	390 U	440 U	7900 U
Anthracene	410 U	2000	420 U	240 J	440 U	1900 J
Benzo(a)anthracene	410 U	5300	63 J	830	440 U	5600
Benzo(a)pyrene	410 U	4500	52 J	890	440 U	5000
Benzo(b)fluoranthene						
Benzo(b)/Benzo(k)fluoroanthene	410 U	8600	95 J	900	440 U	9500
Benzo(g,h,i)perylene	410 U	1300	420 U	390 J	440 U	1300 J
Benzo(k)fluoranthene						
bis(2-Chloroethoxy)methane	410 U	850 U	420 U	390 U	440 U	7900 U
bis(2-Chloroethyl)ether	410 U	850 U	420 U	390 U	440 U	7900 U
bis(2-Chloroisopropyl)ether	410 U	850 U	420 U	390 U	440 U	7900 U
bis(2-Ethylhexyl)phthalate	410 U	850 U	420 U	4100	440 U	33000 J
4-Bromophenyl phenyl ether	410 U	850 U	420 U	390 U	440 U	7900 U
Butyl benzyl phthalate	410 U	850 U	420 U	390 U	440 U	8300
2-Chloronaphthalene	410 U	850 U	420 U	390 U	440 U	7900 U
4-Chlorophenyl phenyl ether	410 U	850 U	420 U	390 U	440 U	7900 U
Chrysene	410 U	5600	67 J	1000	440 U	7000
Dibenzo(a,h)anthracene	410 U	840 J	420 U	160 J	440 U	360 J
1,2-Dichlorobenzene	410 U	850 U	420 U	390 U	440 U	4300
1,3-Dichlorobenzene	410 U	850 U	420 U	390 U	440 U	7900 U
1,4-Dichlorobenzene	410 U	850 U	420 U	73 J	440 U	840 J
3,3'-Dichlorobenzidine	830 U	1700 U	850 U	790 U	880 U	16000 U
Diethyl phthalate	410 U	850 U	420 U	43 J	440 U	7900 U
Dimethyl phthalate	410 U	850 U	420 U	390 U	440 U	7900 U
Di-n-butyl phthalate	410 U	850 U	420 U	56 J	440 U	1300 J
2,4-Dinitrotoluene	410 U	850 U	420 U	390 U	440 U	7900 U
2,6-Dinitrotoluene	410 U	850 U	420 U	390 U	440 U	7900 U
Di-n-octyl phthalate	410 U	850 U	420 U	390 U	440 U	7900 U
Fluoranthene	410 U	11000	120 J	1600	440 U	17000
Fluorene	410 U	620 J	420 U	230 J	440 U	860 J
Hexachlorobenzene	410 U	850 U	420 U	390 U	440 U	7900 U
Hexachlorobutadiene	410 U	850 U	420 U	390 U	440 U	7900 U
Hexachlorocyclopentadiene	410 U	850 U	420 U	390 U	440 U	7900 U
Hexachloroethane	410 U	850 U	420 U	390 U	440 U	7900 U
Indeno(1,2,3-cd)pyrene	410 U	1400	420 U	370 J	440 U	1300 J
Isophorone	410 U	850 U	420 U	390 U	440 U	7900 U
Naphthalene	410 U	110 J	420 U	450	440 U	1100 J
Nitrobenzene	410 U	850 U	420 U	390 U	440 U	7900 U
N-Nitroso-di-n-propylamine	410 U	850 U	420 U	390 U	440 U	7900 U
N-Nitrosodiphenylamine(1)	410 U	850 U	420 U	390 U	440 U	7900 U
Phenanthrene	410 U	8500	110 J	1100	440 U	11000
Pyrene	410 U	7600	110 J	1400	440 U	9900
1,2,4-Trichlorobenzene	410 U	850 U	420 U	46 J	440 U	7900 U
Benzyl alcohol	410 U	850 U	420 U	390 U	440 U	7900 U
4-Chloroaniline	410 U	850 U	420 U	390 U	440 U	7900 U
Dibenzofuran	410 U	260 J	420 U	110 J	440 U	620 J
2-Methylnaphthalene	410 U	110 J	420 U	260 J	440 U	240 J
2-Nitroaniline	2000 U	4100 U	2100 U	1900 U	2100 U	38000 U
3-Nitroaniline	2000 U	4100 U	2100 U	1900 U	2100 U	38000 U
4-Nitroaniline	2000 U	4100 U	2100 U	1900 U	2100 U	38000 U
2-Chlorophenol	410 U	850 U	420 U	390 U	440 U	7900 U
2,4-Dichlorophenol	410 U	850 U	420 U	390 U	440 U	7900 U
2,4-Dimethylphenol	410 U	850 U	420 U	390 U	440 U	7900 U
4,6-Dinitro-2-methylphenol	2000 U	4100 U	2100 U	1900 U	2100 U	38000 U
2,4-Dinitrophenol	2000 U	4100 U	2100 U	1900 U	2100 U	38000 U
2-Nitrophenol	410 U	850 U	420 U	390 U	440 U	7900 U
4-Nitrophenol	2000 U	4100 U	2100 U	1900 U	2100 U	38000 U
4-Chloro-3-methylphenol	410 U	850 U	420 U	390 U	440 U	7900 U
Pentachlorophenol	2000 U	4100 U	2100 U	1900 U	2100 U	38000 U
Phenol	410 U	850 U	420 U	390 U	440 U	77000 J
2,4,6-Trichlorophenol	410 U	850 U	420 U	390 U	440 U	7900 U
2-Methylphenol	410 U	850 U	420 U	390 U	440 U	7900 U
4-Methylphenol	410 U	850 U	420 U	390 U	440 U	280 J
Benzoic acid	2000 U	4100 U	2100 U	1900 U	2100 U	38000 U
2,4,5-Trichlorophenol	2000 U	4100 U	2100 U	1900 U	2100 U	38000 U

TABLE F1.2B, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SUBSURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-7-06-S	TP-7-12-S	TP-8-06-S	TP-8-20-S	TP-9-08-S	TP-9-20-S
SEMIVOLATILES (µg/kg)						
Acenaphthene	440 J	430 U	65 J	1000 U	180 J	1400 U
Acenaphthylene	780 U	430 U	380 U	1000 U	47 J	1400 U
Anthracene	890	430 U	130 J	1000 U	490	1400 U
Benzo(a)anthracene	4100	430 U	1100	1000 U	2100	1400 U
Benzo(a)pyrene	3100	430 U	1400	1000 U	1500	1400 U
Benzo(b)fluoranthene						
Benzo(b)/Benzo(k)fluoroanthene	3100	430 U	1900	1000 U	3000	1400 U
Benzo(g,h,i)perylene	1500	430 U	750	1000 U	670	1400 U
Benzo(k)fluoranthene						
bis(2-Chloroethoxy)methane	780 U	430 U	380 U	1000 U	370 U	1400 U
bis(2-Chloroethyl)ether	330 U	430 U	380 U	1000 U	370 U	1400 U
bis(2-Chloroisopropyl)ether	780 U	430 U	380 U	1000 U	370 U	1400 U
bis(2-Ethylhexyl)phthalate	230 J	430 U	5400	1000 U	550 UJ	1400 U
4-Bromophenyl phenyl ether	780 U	430 U	380 U	1000 U	370 U	1400 U
Butyl benzyl phthalate	780 U	430 U	390	1000 U	370 U	1400 U
2-Chloronaphthalene	780 U	430 U	380 U	1000 U	370 U	1400 U
4-Chlorophenyl phenyl ether	780 U	430 U	380 U	1000 U	370 U	1400 U
Chrysene	4100	430 U	1100	1000 U	2200	1400 U
Dibenzo(a,h)anthracene	610 J	430 U	460	1000 U	420	1400 U
1,2-Dichlorobenzene	780 U	430 U	380 U	1000 U	370 U	1400 U
1,3-Dichlorobenzene	780 U	430 U	380 U	1000 U	370 U	1400 U
1,4-Dichlorobenzene	780 U	430 U	380 U	1000 U	370 U	1400 U
3,3'-Dichlorobenzidine	1600 U	860 U	770 U	2000 U	740 U	2800 U
Diethyl phthalate	780 U	430 U	380 U	1000 U	370 U	1400 U
Dimethyl phthalate	780 U	430 U	380 U	1000 U	370 U	1400 U
Di-n-butyl phthalate	780 U	430 U	61 J	1000 U	370 U	1400 U
2,4-Dinitrotoluene	780 U	430 U	380 U	1000 U	370 U	1400 U
2,6-Dinitrotoluene	780 U	430 U	380 U	1000 U	370 U	1400 U
Di-n-octyl phthalate	780 U	430 U	380 U	1000 U	370 U	1400 U
Fluoranthene	7700	430 U	1900	1000 U	3200	1400 U
Fluorene	480 J	430 U	65 J	1000 U	210 J	1400 U
Hexachlorobenzene	780 U	430 U	380 U	1000 U	370 U	1400 U
Hexachlorobutadiene	780 U	430 U	380 U	1000 U	370 U	1400 U
Hexachlorocyclopentadiene	780 U	430 U	380 U	1000 U	370 U	1400 U
Hexachloroethane	780 U	430 U	380 U	1000 U	370 U	1400 U
Indeno(1,2,3-cd)pyrene	1500	430 U	710	1000 U	650	1400 U
Isophorone	780 U	430 U	380 U	1000 U	370 U	1400 U
Naphthalene	97 J	430 U	230 J	1000 U	140 J	1400 U
Nitrobenzene	780 U	430 U	380 U	1000 U	370 U	1400 U
N-Nitroso-di-n-propylamine	780 U	430 U	380 U	1000 U	370 U	1400 U
N-Nitrosodiphenylamine(1)	780 U	430 U	380 U	1000 U	370 U	1400 U
Phenanthrene	4400	430 U	920	1000 U	2500	1400 U
Pyrene	5200	430 U	2000	1000 U	2700	1400 U
1,2,4-Trichlorobenzene	780 U	410 J	380 U	1000 U	370 U	1400 U
Benzyl alcohol	780 U	430 U	380 U	1000 U	370 U	1400 U
4-Chloroaniline	780 U	430 U	380 U	1000 U	370 U	1400 U
Dibenzofuran	210 J	430 U	380 U	1000 U	92 J	1400 U
2-Methylnaphthalene	780 U	430 U	190 J	1000 U	220 J	1400 U
2-Nitroaniline	3800 U	2100 U	1900 U	4800 U	1800 U	6700 U
3-Nitroaniline	3800 U	2100 U	1900 U	4800 U	1800 U	6700 U
4-Nitroaniline	3800 U	2100 U	1900 U	4800 U	1800 U	6700 U
2-Chlorophenol	780 U	430 U	380 U	1000 U	370 U	1400 U
2,4-Dichlorophenol	780 U	430 U	380 U	1000 U	370 U	1400 U
2,4-Dimethylphenol	780 U	430 U	380 U	1000 U	370 U	1400 U
4,6-Dinitro-2-methylphenol	3800 U	2100 U	1900 U	4800 U	1800 U	6700 U
2,4-Dinitrophenol	3800 U	2100 U	1900 U	4800 U	1800 U	6700 U
2-Nitrophenol	780 U	430 U	380 U	1000 U	370 U	1400 U
4-Nitrophenol	3800 U	2100 U	1900 UJ	4800 U	1800 U	6700 U
4-Chloro-3-methylphenol	780 U	430 U	380 UJ	1000 U	370 U	1400 U
Pentachlorophenol	3800 U	2100 U	1900 U	4800 U	1800 U	6700 U
Phenol	330 U	430 U	380 U	1000 U	370 U	1400 U
2,4,6-Trichlorophenol	780 U	430 U	380 U	1000 U	370 U	1400 U
2-Methylphenol	780 U	430 U	380 U	1000 U	370 U	1400 U
4-Methylphenol	780 U	430 U	380 U	1000 U	370 U	380 J
Benzoic acid	3800 U	2100 U	1900 U	4800 U	1800 U	6700 U
2,4,5-Trichlorophenol	3800 U	2100 U	1900 U	4800 U	1800 U	6700 U

TABLE F1.2C

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SUBSURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	B-09-02-02-S	B-09-03-04-S	TP-1-06-S	TP-2-08-S	TP-2-21-S	TP-3-06-S	TP-3-10-S	TP-4-12-S	TP-4-18-S
PESTICIDES/PCBs (µg/kg)									
Aldrin	8.8 U	9.5 U	11 U	8 U	11 U	9.9 U	8 U	10 U	10 U
Alpha-BHC	8.8 U	9.5 U	11 U	8 U	11 U	9.9 U	8 U	10 U	10 U
Beta-BHC	8.8 U	9.5 U	11 U	8 U	11 U	9.9 U	8 U	44	10 U
Gamma-BHC (Lindane)	8.8 U	9.5 U	11 U	8 U	11 U	9.9 U	8 U	10 U	10 U
Delta-BHC	8.8 U	9.5 U	11 U	8 U	11 U	9.9 U	8 U	10 U	10 U
4,4'-DDT	18 U	19 U	21 U	16 U	21 U	20 U	16 U	20 U	20 U
4,4'-DDE	18 U	19 U	21 U	16 U	21 U	20 U	16 U	20 U	20 U
4,4'-DDD	18 U	19 U	21 U	16 U	21 U	20 U	16 U	20 U	20 U
Dieldrin	18 U	19 U	21 U	16 U	21 U	20 U	16 U	20 U	20 U
Endosulfan I	8.8 U	9.5 U	11 U	8 U	11 U	9.9 U	8 U	10 U	10 U
Endosulfan II	18 U	19 U	21 U	16 U	21 U	20 U	16 U	20 U	20 U
Endosulfan sulfate	18 U	19 U	21 U	16 U	21 U	20 U	16 U	20 U	20 U
Endrin	18 U	19 U	21 U	16 U	21 U	20 U	16 U	20 U	20 U
Heptachlor	8.8 U	9.5 U	11 U	8 U	11 U	9.9 U	8 U	10 U	10 U
Heptachlor epoxide	8.8 U	9.5 U	11 U	8 U	11 U	9.9 U	8 U	10 U	10 U
PCB-1242	88 U	95 U	110 U	80 U	110 U	99 U	80 U	100 U	100 U
PCB-1254	180 U	190 U	210 U	160 U	210 U	200 U	160 U	200 U	200 U
PCB-1221	88 U	95 U	110 U	80 U	110 U	99 U	80 U	100 U	100 U
PCB-1232	88 U	95 U	110 U	80 U	110 U	99 U	80 U	100 U	100 U
PCB-1248	88 U	95 U	110 U	80 U	110 U	99 U	80 U	100 U	100 U
PCB-1260	180 U	190 U	210 U	160 U	210 U	200 U	160 U	200 U	200 U
PCB-1016	88 U	95 U	110 U	80 U	110 U	99 U	80 U	100 U	100 U
Toxaphene	180 U	190 U	210 U	160 U	210 U	200 U	160 U	200 U	200 U
p,p'-Methoxychlor	88 U	95 U	110 U	80 U	110 U	99 U	80 U	100 U	100 U
Endrin ketone	18 U	19 U	21 U	16 U	21 U	20 U	16 U	20 U	20 U
Alpha chlordane	88 U	95 U	110 U	80 U	110 U	99 U	80 U	100 U	100 U
Gamma chlordane	88 U	95 U	110 U	80 U	110 U	99 U	80 U	100 U	100 U

TABLE F1.2C, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SUBSURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-5-06-S	TP-5-20-S	TP-6-02-S	TP-7-06-S	TP-7-12-S	TP-8-06-S	TP-8-20-S	TP-9-08-S	TP-9-20-S
PESTICIDES/PCBs (µg/kg)									
Aldrin	19 U	8 U	9.5 U	8 U	10 U	9.3 U	24 U	9 U	33 U
Alpha-BHC	19 U	8 U	9.5 U	8 U	10 U	9.3 U	24 U	9 U	33 U
Beta-BHC	42	8 U	9.5 U	8 U	10 U	9.3 U	24 U	9 U	33 U
Gamma-BHC (Lindane)	19 U	8 U	9.5 U	8 U	10 U	9.3 U	24 U	9 U	33 U
Delta-BHC	19 U	8 U	9.5 U	8 U	10 U	9.3 U	24 U	9 U	33 U
4,4'-DDT	38 U	16 U	19 U	16 U	21 U	19 U	48 U	18 U	67 U
4,4'-DDE	38 U	16 U	66	16 U	21 U	19 U	48 U	18 U	67 U
4,4'-DDD	38 U	16 U	110	16 U	21 U	19 U	48 U	18 U	67 U
Dieldrin	38 U	16 U	19 U	16 U	21 U	19 U	48 U	18 U	67 U
Endosulfan I	19 U	8 U	9.5 U	8 U	10 U	9.3 U	24 U	9 U	33 U
Endosulfan II	38 U	16 U	19 U	16 U	21 U	19 U	48 U	18 U	67 U
Endosulfan sulfate	38 U	16 U	19 U	16 U	21 U	19 U	48 U	18 U	67 U
Endrin	38 U	16 U	19 U	16 U	21 U	19 U	48 U	18 U	67 U
Heptachlor	19 U	8 U	9.5 U	8 U	10 U	9.3 U	24 U	9 U	33 U
Heptachlor epoxide	19 U	8 U	9.5 U	8 U	10 U	9.3 U	24 U	9 U	33 U
PCB-1242	190 U	80 U	95 U	80 U	100 U	93 U	240 U	90 U	330 U
PCB-1254	380 U	160 U	190 U	160 U	210 U	190 U	480 U	290	670 U
PCB-1221	190 U	80 U	95 U	80 U	100 U	93 U	240 U	90 U	330 U
PCB-1232	190 U	80 U	95 U	80 U	100 U	93 U	240 U	90 U	330 U
PCB-1248	190 U	80 U	95 U	80 U	100 U	93 U	240 U	90 U	330 U
PCB-1260	1100	160 U	800	160 U	210 U	590	480 U	180 U	670 U
PCB-1016	190 U	80 U	95 U	80 U	100 U	93 U	240 U	90 U	330 U
Toxaphene	380 U	160 U	190 U	160 U	210 U	190 U	480 U	180 U	670 U
p,p'-Methoxychlor	190 U	80 U	95 U	80 U	100 U	93 U	240 U	90 U	330 U
Endrin ketone	38 U	16 U	19 U	16 U	21 U	19 U	48 U	18 U	67 U
Alpha chlordane	190 U	80 U	95 U	80 U	100 U	93 U	240 U	90 U	330 U
Gamma chlordane	190 U	80 U	95 U	80 U	100 U	93 U	240 U	90 U	330 U

TABLE F1.2D

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SUBSURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	B-09-02-02-S	B-09-03-04-S	TP-1-06-S	TP-2-08-S	TP-2-21-S	TP-3-06-S	TP-3-10-S	TP-4-12-S	TP-4-18-S
INORGANICS (mg/kg)									
Antimony	5.8 U	6.2 U	12.2 U	14.8 U	13 U	12.5	12.6 U	12.9 U	12.9 U
Arsenic	1.4	1.5	2.7	2.1	1.7	6.7	2.8	0.99	0.92
Beryllium	0.22	0.23 U	1.2	2.1	1.3	1.7	0.42	1.5	0.74
Cadmium	1.1 U	1.2 U	1.1 U	1.3 U	1.1 U	19.5	1.1 U	3.9	1.1 U
Chromium	3.4	4.2	4.3	7.4	10.4	45.4	6.2	14.1	8.6
Copper	10.3 U	10.6 U	14.4	11.9	15.1	670	19.6	63.5	5
Lead	7.9	3.5	79.7	293	5.8	765	263	123	4
Mercury	0.16 U	0.12 U	0.11 U	0.13 U	0.11 U	0.56	0.11 U	0.12 U	0.11 U
Nickel	8.2 U	10.7	10.7	10.5 U	17	62.4	12.8	17.8	9.2 U
Selenium	0.42 U	0.46 U	3.9 U	4.8 U	4.2 U	3.9 U	3.9 U	4 U	4.1 U
Silver	0.65 U	0.69 U	1.4 U	8.2	1.5 U	3.1	1.4 U	1.5 U	1.5 U
Thallium	0.42 U	0.46 U	0.32 U	0.39 U	0.34 U	0.31 U	0.31 U	0.33 U	0.34 U
Zinc	34.9	28.9	27.3 U	53.8 U	49.8 U	1990	70.8 U	992	16.3 U
Barium	9.8	5.1	17.7	154	22.6	679	71.2	42.5	6.5 U
Iron	11700	7600	13000	10200	16100	31600	7560	9770	6390
Manganese	107	149	402	66.7	193	511	71.3	95.9	51.5
Vanadium	14.2	4.2	11.9	12.7	17.1	26.8	7.4	12.3	8.7
Aluminum	5480	3200	4190	5750	7840	10200	3010	7170	3350
Cobalt	4.7	5.1	13.6	3.9	9.6	14.4	2.8	5.1	2.6
Magnesium	1310	907	1610	1020	3970	2640	1180	1300	977
Calcium	201	329	672 U	1780	2110	12200	958 U	1340	240 U
Sodium	318	217 U	454 U	550 U	483 U	461 U	470 U	481 U	482 U
Potassium	199	136 U	825	594 U	1080	705	508 U	520 U	521 U
Cyanide	0.55 U	0.59 U	0.61 U	0.76 U	0.66 U	0.62 U	0.62 U	0.64 U	0.64 U

TABLE F1.2D, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SUBSURFACE SOIL SAMPLES

TRC SAMPLE IDENTIFICATION:	TP-5-06-S	TP-5-20-S	TP-6-02-S	TP-7-06-S	TP-7-12-S	TP-8-06-S	TP-8-20-S	TP-9-08-S	TP-9-20-S
INORGANICS (mg/kg)									
Antimony	20.4	13.3 U	11.7 U	11.6 UJ	12.8 U	39.7 J	15	11.1 U	42.5 U
Arsenic	4.2	0.64	1.8	1.5	1.4	7.3	5	2.9	3.5
Beryllium	1.1	1.3	4.3	1.7	1.8	2.5	2.9	1.4	2.5
Cadmium	29	2.1	2.5	1 U	1.1 U	29.8 J	24.6	6.3	3.7 U
Chromium	40.2	16.1	37.7	16.7	9.4	81	67.3	17	5.2 U
Copper	301	25.8	950	89.4 J	14.5	2750 J	641	67.4	93.3
Lead	359	8.9	480	93.9	6.8	1440	1310	148	8.5 U
Mercury	0.76	0.12 U	0.3	0.1 U	0.11 U	0.92	0.43	0.11 U	0.41 U
Nickel	43.1	18.5	227	32.7	20.1	205	136	21.3	30.3 U
Selenium	3.8 U	2.1 U	3.8 U	1.8 UJ	2.1 U	1.9 UJ	1.9 U	1.8 U	6.8 U
Silver	5	1.5 U	2.4	1.3 U	1.5 U	9.5	8.8	3.4	4.8 U
Thallium	0.31 U	0.34 U	0.31 U	0.3 U	0.34 U	0.69	0.87	0.51	1.7
Zinc	946	91	2130	510	47.8 U	1430	1430	318	16.2 U
Barium	133	29.1	62.1	40.6	14.1	163	173	189	4.4 U
Iron	24200	21400	19100	10900	12500	50000	51300	23700	14300
Manganese	301	236	257	82.8	132	514	538	178	23 U
Vanadium	91.9	22.2	29.5	14.6	12.9	102	77.6	31.9	24.5
Aluminum	6760	11600	5240	6330	6820	7670	11800	5150	3800
Cobalt	11.1	15.4	20.5	7.5	7.7	26.3	25.9	6.7	4.1
Magnesium	1600	4790	1280	711	2660	2050	2440	1380	6100
Calcium	4970	1730	2240	1410	1270 U	9770	14600	3460	6780
Sodium	446 U	496 U	435 U	433 U	478 U	453 U	564	412 U	5570
Potassium	590	1360	470 U	468 U	766	489 U	838	445 U	1710 U
Cyanide	0.59 U	0.66 U	0.59 U	0.58 U	0.65 U	0.61 U	0.61 U	0.57 U	2.1 U

TABLE F1.3A

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I GROUND WATER SAMPLES

TRC SAMPLE IDENTIFICATION:	GW-09-01B	GW-09-02B	GW-09-03B	GW-09-02BD	GW-09-04B	GW-09-01-A	GW-09-02-A	GW-09-03-A	GW-09-04-A
VOLATILES (µg/l)									
Benzene	5 U	5 U	5 U	2 J	5 U	5 U	3 J	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5	5 U	6	5 U	5 U	18	5 U	5 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	2 J	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	12	5 U	19	5 U	5 U	31	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5 U	12 UJ	5 U	5 U	5 U	10 U	10 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	15 UJ	5 U	27 UJ	5 U	5 U	2 J	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5 U	1 J	5 U	2 J	5 U	5 U	3 J	2 J	5 U
Vinyl chloride	10 U	10 U	13	10 U	10 U	10 U	10 U	8 J	10 U
Trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	10 U	8 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl acetate	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylenes (Total)	5 U	22 J	5 U	36 J	5 U	5 U	55	5 U	5 U
1,2-Dichloroethene(Total)	5 U	1 J	72	2 J	5 U	5 U	5	49	5 U

TABLE F1.3B

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I GROUND WATER SAMPLES

TRC SAMPLE IDENTIFICATION:	GW-09-01B	GW-09-02B	GW-09-03B	GW-09-02BD	GW-09-04B
SEMIVOLATILES (µg/l)					
Acenaphthene	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10 U	10 U	3 J	10 U	10 U
bis(2-Chloroisopropyl)ether	10 U	10 U	3 J	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	20 U	20 U	20 U	20 U	20 U
Diethyl phthalate	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine(1)	10 U	10 U	10 U	10 U	10 U
Phenanthrene	10 U	10 U	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U	10 U	10 U
Benzyl alcohol	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	50 U	50 U	50 U	50 U	50 U
3-Nitroaniline	50 U	50 U	50 U	50 U	50 U
4-Nitroaniline	50 U	50 U	50 U	50 U	50 U
2-Chlorophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrophenol	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	50 U	50 U	50 U	50 U	50 U
4-Chloro-3-methylphenol	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	50 U	50 U	50 U	50 U	50 U
Phenol	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U	10 U	10 U
Benzoic acid	50 U	50 U	50 U	50 U	50 U
2,4,5-Trichlorophenol	50 U	50 U	50 U	50 U	50 U

TABLE F1.3B, continued

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I GROUND WATER SAMPLES

TRC SAMPLE IDENTIFICATION:	GW-09-01-A	GW-09-02-A	GW-09-03-A	GW-09-04-A
SEMIVOLATILES (µg/l)				
Acenaphthene	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10 U	10 U	2 J	10 U
bis(2-Chloroisopropyl)ether	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	10 U
4-Bromophenyl phenyl ether	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	10 U	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	20 U	20 U	20 U	20 U
Diethyl phthalate	10 U	10 U	10 U	10 U
Dimethyl phthalate	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10 U	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U	10 U
Naphthalene	10 U	5 J	10 U	10 U
Nitrobenzene	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine(1)	10 U	10 U	10 U	10 U
Phenanthrene	10 U	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U	10 U
Benzyl alcohol	10 U	10 U	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U	10 U
Dibenzofuran	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	3 J	10 U	10 U
2-Nitroaniline	50 U	50 U	50 U	50 U
3-Nitroaniline	50 U	50 U	50 U	50 U
4-Nitroaniline	50 U	50 U	50 U	50 U
2-Chlorophenol	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	50 U	50 U	50 U	50 U
2,4-Dinitrophenol	50 U	50 U	50 U	50 U
2-Nitrophenol	10 U	10 U	10 U	10 U
4-Nitrophenol	50 U	50 U	50 U	50 U
4-Chloro-3-methylphenol	10 U	10 U	10 U	10 U
Pentachlorophenol	50 U	20 U	20 U	20 U
Phenol	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	50 U	20 U	20 U	20 U
2-Methylphenol	10 U	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U	10 U
Benzoic acid	50 U	50 U	50 U	50 U
2,4,5-Trichlorophenol	20 U	20 U	20 U	20 U

TABLE F1.3C

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I GROUND WATER SAMPLES

TRC SAMPLE IDENTIFICATION:	GW-09-01B	GW-09-02B	GW-09-03B	GW-09-02BD	GW-09-04B	GW-09-01-A	GW-09-02-A	GW-09-03-A	GW-09-04-A
PESTICIDES/PCBs (µg/l)									
Aldrin	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Beta-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Delta-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDT	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dieldrin	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan sulfate	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Heptachlor	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor epoxide	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
PCB-1242	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1254	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PCB-1221	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1232	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1248	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
PCB-1260	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PCB-1016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toxaphene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p,p'-Methoxychlor	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Endrin ketone	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Alpha chlordane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Gamma chlordane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

TABLE F1.3D

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I GROUND WATER SAMPLES

TRC SAMPLE IDENTIFICATION:	GW-09-01B	GW-09-02B	GW-09-03B	GW-09-02BD	GW-09-04B	GW-09-01-A	GW-09-02-A	GW-09-03-A	GW-09-04-A
INORGANICS (µg/l)									
Antimony	21 U	71	21 U	21 U	21 U	27 U	27 U	27 U	27 U
Arsenic	3 U	5.4	3 U	3.6	15 U	2 U	2 U	2 U	2 U
Beryllium	1 U	2.7	1 U	1.8	2.1	1 U	1 U	1 U	1 U
Cadmium	5 U	5.2	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chromium	5 U	5 U	5 U	5 U	9.2	6 U	6 U	13.5	9.5
Copper	11.1	66.4 J	20.3	23.9 J	72	7 U	7 U	28.5	28.4
Lead	3 U	19.1	5.4 U	13.5	25.5	14.4	7.5 U	10.1 U	10.1 U
Mercury	0.2 U	0.2 U	0.2 U	0.22	0.2 U	0.28	0.32	0.32	0.28
Nickel	29 U	29 U	29 U	29 U	29 U	38 U	38 U	38 U	38 U
Selenium	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U	10 U
Silver	4 U	4 U	4 U	4 U	4 U	3 U	3 U	3 U	3 U
Thallium	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Zinc	35.5	165	36.7	124	114	34.2	28.7	47	47
Barium	22.3	154	40.4	52	156	15.4	34.6	64.4	40.8
Iron	10400	5880	5110	4940	4610	11500	9430	8090	9360
Manganese	219	238	559	144	1910	204	220	1520	465
Vanadium	6.5 U	18.4 U	9.4 U	6.6 U	23	5.6	8.1	13.5	14.8
Aluminum	335	1940	1240	2610	37700	1250	2020	3080	9180
Cobalt	4.4 U	12.3 U	10.2 U	8.5 U	49.6	5.5	8.1	17.5	14.3
Magnesium	10400	10800	5700	6360	2640	10700	10800	5780	2100
Calcium	65500	71800 J	12200	39800 J	26400	66700	70400	20200	9740
Sodium	8640	12700 J	80700	6660 J	2570	8620	10500	137000	2080
Potassium	6860	7160	6170	2430	3230	5080	5830	5040	681
Cyanide	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

TABLE F1.5B

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SEDIMENT SAMPLES

TRC SAMPLE IDENTIFICATION	S-09-01-00-S	S-09-02-00-S	S-09-03-00-S	S-09-04-00-S
VOLATILES (µg/kg)				
Benzene	7 U	7 U	12 U	11 U
Bromoform	7 U	7 U	12 U	11 U
Carbon tetrachloride	7 U	7 U	12 U	11 U
Chlorobenzene	7 U	7 U	12 U	11 U
Dibromochloromethane	7 U	7 U	12 U	11 U
Chloroethane	14 U	14 U	24 U	22 U
Chloroform	7 U	7 U	16	11 U
Bromodichloromethane	7 U	7 U	12 U	11 U
1,1-Dichloroethane	7 U	7 U	12 U	11 U
1,2-Dichloroethane	7 U	7 U	12 U	11 U
1,1-Dichloroethene	7 U	7 U	12 U	11 U
1,2-Dichloropropane	7 U	7 U	12 U	11 U
Cis-1,3-Dichloropropene	7 U	7 U	12 U	11 U
Ethylbenzene	7 U	7 U	12 U	11 U
Bromomethane	14 U	14 U	24 U	22 U
Chloromethane	14 U	14 U	24 U	22 U
Methylene chloride	30 UJ	27 UJ	60 UJ	77 UJ
1,1,2,2-Tetrachloroethane	7 U	7 U	12 U	11 U
Tetrachloroethene	7 U	7 U	12 U	11 U
Toluene	7 U	7 U	12 U	11 U
1,1,1-Trichloroethane	7 U	7 U	12 U	11 U
1,1,2-Trichloroethane	7 U	7 U	12 U	11 U
Trichloroethene	7 U	7 U	12 U	11 U
Vinyl chloride	14 U	14 U	24 U	22 U
Trans-1,3-Dichloropropene	7 U	7 U	12 U	11 U
Styrene	7 U	7 U	12 U	11 U
Acetone	110	14 U	55 UJ	60
2-Butanone	14 U	14 U	24 U	22 U
Carbon disulfide	7 U	7 U	12 U	11 U
2-Hexanone	14 U	14 U	24 U	22 U
4-Methyl-2-pentanone	14 U	14 U	24 U	22 U
Vinyl acetate	14 U	14 U	24 U	22 U
Xylenes (Total)	7 U	7 U	12 U	11 U
1,2-Dichloroethene(Total)	7 U	7 U	12 U	11 U

TABLE F1.5B

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SEDIMENT SAMPLES

TRC SAMPLE IDENTIFICATION	S-09-01-00-S	S-09-02-00-S	S-09-03-00-S	S-09-04-00-S
SEMIVOLATILES (µg/kg)				
Acenaphthene	120 J	160 J	150 J	86 J
Acenaphthylene	450 U	460 U	790 U	720 U
Anthracene	270 J	360 J	190 J	79 J
Benzo(a)anthracene	980	810	610 J	350 J
Benzo(a)pyrene	780	600	540 J	440 J
Benzo(b)/Benzo(k)fluoranthene	1500	1200	970	770
Benzo(b)fluoranthene				
Benzo(g,h,i)perylene	260 J	210 J	240 J	240 J
bis(2-Chloroethoxy)methane	450 U	460 U	790 U	720 U
bis(2-Chloroethyl)ether	450 U	460 U	790 U	720 U
bis(2-Chloroisopropyl)ether	450 U	460 U	790 U	720 U
bis(2-Ethylhexyl)phthalate	400 J	620	1000	530 J
4-Bromophenyl phenyl ether	450 U	460 U	790 U	720 U
Butyl benzyl phthalate	450 U	460 U	790 U	720 U
2-Chloronaphthalene	450 U	460 U	790 U	720 U
4-Chlorophenyl phenyl ether	450 U	460 U	790 U	720 U
Chrysene	1000	890	690 J	420 J
Dibenzo(a,h)anthracene	170 J	120 J	170 J	120 J
1,2-Dichlorobenzene	450 U	460 U	790 U	720 U
1,3-Dichlorobenzene	450 U	460 U	790 U	720 U
1,4-Dichlorobenzene	450 U	460 U	790 U	720 U
3,3'-Dichlorobenzidine	900 U	920 U	1600 U	1400 U
Diethyl phthalate	450 U	460 U	790 U	720 U
Dimethyl phthalate	450 U	460 U	790 U	720 U
Di-n-butyl phthalate	190 J	460 U	190 J	720 U
2,4-Dinitrotoluene	450 U	460 U	790 U	720 U
2,6-Dinitrotoluene	450 U	460 U	790 U	720 U
Di-n-octyl phthalate	450 U	460 U	790 U	720 U
Fluoranthene	1700	1700	1300	620 J
Fluorene	150 J	160 J	160 J	84 J
Hexachlorobenzene	450 U	460 U	790 U	720 U
Hexachlorobutadiene	450 U	460 U	790 U	720 U
Hexachlorocyclopentadiene	450 U	460 U	790 U	720 U
Hexachloroethane	450 U	460 U	790 U	720 U
Indeno(1,2,3-cd)pyrene	280 J	210 J	240 J	210 J
Isophorone	450 U	460 U	790 U	720 U
Naphthalene	450 U	460 U	790 U	120 J
Nitrobenzene	450 U	460 U	790 U	720 U
N-Nitroso-di-n-propylamine	450 U	460 U	790 U	720 U
N-Nitrosodiphenylamine(1)	450 U	460 U	790 U	720 U
Phenanthrene	1300	1400	1200	460 J
Pyrene	1300	1300	1100	530 J
1,2,4-Trichlorobenzene	450 U	460 U	790 U	720 U
Benzyl alcohol	450 U	460 U	790 U	720 U
4-Chloroaniline	450 U	460 U	790 U	720 U
Dibenzofuran	71 J	87 J	86 J	720 U
2-Methylnaphthalene	450 U	460 U	790 U	720 U
2-Nitroaniline	2200 U	2200 U	3800 U	3500 U
3-Nitroaniline	2200 U	2200 U	3800 U	3500 U
4-Nitroaniline	2200 U	2200 U	3800 U	3500 U
2-Chlorophenol	450 U	460 U	790 U	720 U
2,4-Dichlorophenol	450 U	460 U	790 U	720 U
2,4-Dimethylphenol	450 U	460 U	790 U	720 U
4,6-Dinitro-2-methylphenol	2200 U	2200 U	3800 U	3500 U
2,4-Dinitrophenol	2200 U	2200 U	3800 U	3500 U
2-Nitrophenol	450 U	460 U	790 U	720 U
4-Nitrophenol	2200 U	2200 U	3800 U	3500 U
4-Chloro-3-methylphenol	450 U	460 U	790 U	720 U
Pentachlorophenol	2200 U	2200 U	3800 U	3500 U
Phenol	450 U	460 U	790 U	720 U
2,4,6-Trichlorophenol	450 U	460 U	790 U	720 U
2-Methylphenol	450 U	460 U	790 U	720 U
4-Methylphenol	450 U	460 U	790 U	720 U
Benzoic acid	63 J	2200 U	210 J	3500 U
2,4,5-Trichlorophenol	2200 U	2200 U	3800 U	3500 U

TABLE F1.5C

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SEDIMENT SAMPLES

TRC SAMPLE IDENTIFICATION	S–09–01–00–S	S–09–02–00–S	S–09–03–00–S	S–09–04–00–S
PESTICIDES/PCBs (μg/kg)				
Aldrin	11 U	110 U	190 U	170 U
Alpha–BHC	11 U	110 U	190 U	170 U
Beta–BHC	11 U	110 U	190 U	170 U
Gamma–BHC (Lindane)	11 U	110 U	190 U	170 U
Delta–BHC	11 U	110 U	190 U	170 U
4,4'–DDT	22 U	220 U	380 U	350 U
4,4'–DDE	22 U	220 U	380 U	350 U
4,4'–DDD	22 U	220 U	380 U	350 U
Dieldrin	22 U	220 U	380 U	350 U
Endosulfan I	11 U	110 U	190 U	170 U
Endosulfan II	22 U	220 U	380 U	350 U
Endosulfan sulfate	22 U	220 U	380 U	350 U
Endrin	22 U	220 U	380 U	350 U
Heptachlor	11 U	110 U	190 U	170 U
Heptachlor epoxide	11 U	110 U	190 U	170 U
PCB–1242	110 U	1100 U	1900 U	1700 U
PCB–1254	220 U	2200 U	3800 U	3500 U
PCB–1221	110 U	1100 U	1900 U	1700 U
PCB–1232	110 U	1100 U	1900 U	1700 U
PCB–1248	110 U	1100 U	1900 U	1700 U
PCB–1260	220 U	2200 U	3800 U	3500 U
PCB–1016	110 U	1100 U	1900 U	1700 U
Toxaphene	220 U	2200 U	3800 U	3500 U
p,p'–Methoxychlor	110 U	1100 U	1900 U	1700 U
Endrin ketone	22 U	220 U	380 U	350 U
Alpha chlordane	110 U	1100 U	1900 U	1700 U
Gamma chlordane	110 U	1100 U	1900 U	1700 U

TABLE F1.5D

NCBC DAVISVILLE
SITE 09 – ALLEN HARBOR LANDFILL
PHASE I SEDIMENT SAMPLES

TRC SAMPLE IDENTIFICATION	S-09-01-00-S	S-09-02-00-S	S-09-03-00-S	S-09-04-00-S
INORGANICS (mg/kg)				
Antimony	25	65.3	23.8 U	21 U
Arsenic	11.3	32.5	10.7	16.5
Beryllium	0.83	1.3	1.2	1
Cadmium	5.8	4.1	5	11.2
Chromium	176	560	67.5	65.7
Copper	1210	1730	315	444
Lead	1140	4070	370	656
Mercury	1.4	0.23 U	0.33 U	0.46
Nickel	148	92.5	34.3	56.8
Selenium	0.42 U	0.44 U	0.73 U	3.4 U
Silver	6.5	3.1	4.3	3.7
Thallium	1.7 U	1.8 U	3 U	2.8 U
Zinc	1890	2470	757	1150
Barium	97.4	74	59.8	221
Iron	144000	369000	58000	143000
Manganese	901	1160	212	509
Vanadium	134	77.9	69.3	61.5
Aluminum	4710	3260	9930	8850
Cobalt	32.9	59.8	14.8	33.1
Magnesium	2700	3380	5420	7650
Calcium	2650	4000	5360	3600
Sodium	5060	4120	10700	4120
Potassium	1570	721 U	1430	846 U
Cyanide	0.67 U	0.69 U	1.2 U	1.1 U

APPENDIX G

PHASE II ANALYTICAL DATA

TABLE # SCHEME

PHASE I DATA SUMMARIES

Appendix F F1.1A F = Appendix F
(See Phase II for parameter descriptions)

PHASE II DATA SUMMARIES

Appendix G G1.1A G = Appendix G

1. where
1 = Site 02
2 = Site 03
3 = Site 06
4 = Site 07
5 = Site 10
6 = Site 11
7 = Site 13
8 = Background

.1 where
1 = Surface Soil
2 = Subsurface Soil
3 = Groundwater
4 = Surface Water
5 = Sediment
6 = Test Pit
7 = Dry Well
8 = Catch Basin
9 = TCLP

.1A where
A = Volatiles
B = Semivolatiles
C = Pesticides/PCBs
D = Inorganics
E = AVS
F = Physical
G = Dioxin/Furan

TABLE G1.1A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-SS01	09-SS02	09-SS03	09-SS04	09-SS05	09-SS08	09-SS06	09-SS07
LABORATORY ID:	550405	550406	550407	550408	550409	550411	550410	550404
						DUP OF SS05		
COMPOUND (μg/Kg)								
Chloromethane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Bromomethane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Vinyl chloride	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Chloroethane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Methylene chloride	12 U	33 U	18 U	57 U	15 U	26 U	28 U	11 U
Acetone	11 U	11 U	11 U	18 U	11 U	12 U	21 U	13 U
Carbon disulfide	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
1,1-Dichloroethene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
1,1-Dichloroethane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
1,2-Dichloroethene(Total)	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Chloroform	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
1,2-Dichloroethane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
2-Butanone	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
1,1,1-Trichloroethane	2 J	11 U	11 U	11 U	3 J	9 J	11 U	4 J
Carbon tetrachloride	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Bromodichloromethane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
1,2-Dichloropropane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Cis-1,3-Dichloropropene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Trichloroethene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Dibromochloromethane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
1,1,2-Trichloroethane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Benzene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Trans-1,3-Dichloropropene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Bromoform	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
4-Methyl-2-pentanone	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
2-Hexanone	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Tetrachloroethene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
1,1,2,2-Tetrachloroethane	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Toluene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Chlorobenzene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Ethylbenzene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Styrene	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U
Xylenes (Total)	11 U	11 U	11 U	11 U	10 U	10 U	11 U	11 U

U = NON-DETECT
J = ESTIMATED CONCENTRATION

TABLE G1.1A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09–B1–01	09–B2–01	09–B3–01	09–B4–01	09–B5–01	09–B10–01	09–B6–01	09–B7–01
LABORATORY ID:	552515	551412	552517	551267	551367	551368	551358	551264
						DUP OF B5–01		
COMPOUND (μg/Kg)								
Chloromethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromomethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Vinyl chloride	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chloroethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Methylene chloride	16 U	27 U	14 U	56 U	55 U	29 U	34 U	40 U
Acetone	11 UJ	45 J	11 J	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ
Carbon disulfide	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1–Dichloroethene	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1–Dichloroethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2–Dichloroethene(Total)	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chloroform	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2–Dichloroethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
2–Butanone	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,1–Trichloroethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Carbon tetrachloride	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromodichloromethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2–Dichloropropane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Cis–1,3–Dichloropropene	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Trichloroethene	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Dibromochloromethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2–Trichloroethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Benzene	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Trans–1,3–Dichloropropene	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromoform	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
4–Methyl–2–pentanone	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
2–Hexanone	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Tetrachloroethene	12	1 J	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2,2–Tetrachloroethane	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Toluene	11 U	11 U	11 U	2 J	11 U	11 U	11 U	2 J
Chlorobenzene	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Ethylbenzene	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Styrene	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Xylenes (Total)	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U

U = NON–DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09–B8–01	09–MW5–01	09–MW1401	09–MW6–01	09–MW8–01	09–MW9–01	09–MW10–01	09–MW1101
LABORATORY ID:	551409	554384	554387	554672	552892	556048	551558	554674
			DUP OF MW5–01					
COMPOUND (µg/Kg)								
Chloromethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Bromomethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Vinyl chloride	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Chloroethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Methylene chloride	23 U	28 U	14 U	10 U	32 U	16 U	31 U	11 U
Acetone	11 UJ	18 U	11 U	10 U	20 U	14 UJ	25 J	11 U
Carbon disulfide	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
1,1–Dichloroethene	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
1,1–Dichloroethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
1,2–Dichloroethene(Total)	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Chloroform	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
1,2–Dichloroethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
2–Butanone	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
1,1,1–Trichloroethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Carbon tetrachloride	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Bromodichloromethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
1,2–Dichloropropane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Cis–1,3–Dichloropropene	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Trichloroethene	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Dibromochloromethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
1,1,2–Trichloroethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Benzene	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Trans–1,3–Dichloropropene	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Bromoform	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
4–Methyl–2–pentanone	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
2–Hexanone	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Tetrachloroethene	11 U	1 J	11 U	10 U	10 U	10 U	10 U	11 U
1,1,2,2–Tetrachloroethane	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Toluene	11 U	3 J	11 U	10 U	10 U	10 U	10 U	11 U
Chlorobenzene	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Ethylbenzene	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Styrene	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U
Xylenes (Total)	11 U	10 U	11 U	10 U	10 U	10 U	10 U	11 U

U = NON–DETECT
J = ESTIMATED CONCENTRATION
UN = DETECTION LIMIT ESTIMATED

TABLE G1.1A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW12-01	09-MW1301
LABORATORY ID:	569327	559392
COMPOUND (μg/Kg)		
Chloromethane	11 U	13 U
Bromomethane	11 U	13 U
Vinyl chloride	11 U	13 U
Chloroethane	11 U	13 U
Methylene chloride	31 U	19 U
Acetone	64 UJ	13 UJ
Carbon disulfide	11 U	13 U
1,1-Dichloroethene	11 U	13 U
1,1-Dichloroethane	11 U	13 U
1,2-Dichloroethene(Total)	11 U	13 U
Chloroform	11 U	13 U
1,2-Dichloroethane	11 U	13 U
2-Butanone	11 U	13 U
1,1,1-Trichloroethane	11 U	13 U
Carbon tetrachloride	11 U	13 U
Bromodichloromethane	11 U	13 U
1,2-Dichloropropane	11 U	13 U
Cis-1,3-Dichloropropene	11 U	13 U
Trichloroethene	11 U	13 U
Dibromochloromethane	11 U	13 U
1,1,2-Trichloroethane	11 U	13 U
Benzene	11 U	13 U
Trans-1,3-Dichloropropene	11 U	13 U
Bromoform	11 U	13 U
4-Methyl-2-pentanone	11 U	13 U
2-Hexanone	11 U	13 U
Tetrachloroethene	11 U	13 U
1,1,2,2-Tetrachloroethane	11 U	13 U
Toluene	11 U	13 U
Chlorobenzene	11 U	13 U
Ethylbenzene	11 U	13 U
Styrene	11 U	13 U
Xylenes (Total)	11 U	13 U

U = NON-DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09–SS01	09–SS02	09–SS03	09–SS04
LABORATORY ID:	550405	550406	550407	550408
COMPOUND (µg/Kg)				
Phenol	370 U	370 U	350 U	350 U
bis(2–Chloroethyl)ether	370 U	370 U	350 U	350 U
2–Chlorophenol	370 U	370 U	350 U	350 U
1,3–Dichlorobenzene	370 U	370 U	350 U	350 U
1,4–Dichlorobenzene	370 U	370 U	350 U	350 U
1,2–Dichlorobenzene	370 U	370 U	350 U	350 U
2–Methylphenol	370 U	370 U	350 U	350 U
2,2'–Oxybis(1–chloropropane)	370 UJ	370 UJ	350 UJ	350 UJ
4–Methylphenol	370 U	370 U	350 U	350 U
N–Nitroso–di–n–propylamine	370 U	370 U	350 U	350 U
Hexachloroethane	370 U	370 U	350 U	350 U
Nitrobenzene	370 U	370 U	350 U	350 U
Isophorone	370 U	370 U	350 U	350 U
2–Nitrophenol	370 U	370 U	350 U	350 U
2,4–Dimethylphenol	370 U	370 U	350 U	350 U
bis(2–Chloroethoxy)methane	370 U	370 U	350 U	350 U
2,4–Dichlorophenol	370 U	370 U	350 U	350 U
1,2,4–Trichlorobenzene	370 U	370 U	350 U	350 U
Naphthalene	370 U	370 U	350 U	350 U
4–Chloroaniline	370 U	370 U	350 U	350 U
Hexachlorobutadiene	370 U	370 U	350 U	350 U
4–Chloro–3–methylphenol	370 U	370 U	350 U	350 U
2–Methylnaphthalene	370 U	370 U	350 U	350 U
Hexachlorocyclopentadiene	370 U	370 U	350 U	350 U
2,4,6–Trichlorophenol	370 U	370 U	350 U	350 U
2,4,5–Trichlorophenol	890 U	890 U	840 U	850 U
2–Chloronaphthalene	370 U	370 U	350 U	350 U
2–Nitroaniline	890 U	890 U	840 U	850 U
Dimethyl phthalate	370 U	370 U	350 U	350 U
Acenaphthylene	370 U	370 U	350 U	350 U
2,6–Dinitrotoluene	370 U	370 U	350 U	350 U
3–Nitroaniline	890 U	890 U	840 U	850 U
Acenaphthene	370 U	370 U	73 J	350 U
2,4–Dinitrophenol	890 U	890 U	840 U	850 U
4–Nitrophenol	890 U	890 U	840 U	850 U
Dibenzofuran	370 U	45 J	40 J	350 U
2,4–Dinitrotoluene	370 U	370 U	350 U	350 U
Diethyl phthalate	370 U	370 U	350 U	350 U
4–Chlorophenyl phenyl ether	370 U	370 U	350 U	350 U
Fluorene	370 U	370 U	75 J	350 U
4–Nitroaniline	890 U	890 U	840 U	850 U
4,6–Dinitro–2–methylphenol	890 U	890 U	840 U	850 U
N–Nitrosodiphenylamine(1)	370 UJ	370 UJ	350 UJ	350 UJ
4–Bromophenyl phenyl ether	370 U	370 U	350 U	350 U
Hexachlorobenzene	370 U	370 U	350 U	350 U
Pentachlorophenol	890 U	890 U	840 U	850 U
Phenanthrene	370 U	670	550	350 U
Anthracene	370 U	51 J	130 J	350 U
Carbazole	370 U	370 U	75 J	350 U
Di–n–butyl phthalate	40 J	370 U	350 U	350 U
Fluoranthene	49 J	720 U	550	350 U
Pyrene	57 J	540	510	350 U
Butyl benzyl phthalate	370 U	370 U	350 U	350 U
3,3'–Dichlorobenzidine	370 U	370 UJ	350 UJ	350 U
Benzo(a)anthracene	44 J	350 J	310 J	350 U
Chrysene	51 J	370	240 J	350 U
bis(2–Ethylhexyl)phthalate	370 U	370 U	350 U	350 U
Di–n–octyl phthalate	370 U	370 U	350 U	350 U
Benzo(b)fluoranthene	130 J	530	440	350 U
Benzo(k)fluoranthene	130 J	530	440 U	350 U
Benzo(a)pyrene	370 U	210 J	220 J	350 U
Indeno(1,2,3–cd)pyrene	370 U	160 J	160 J	350 U
Dibenzo(a,h)anthracene	370 U	58 J	350 U	350 U
Benzo(g,h,i)perylene	370 U	370 U	350 U	350 U

U = NON–DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-SS05	09-SS08	09-SS06	09-SS07	09-B1-01
LABORATORY ID:	550409	550411	550410	550404	552515
		DUP OF SS05			
COMPOUND (µg/Kg)					
Phenol	340 U	340 U	350 U	360 U	14000 R
bis(2-Chloroethyl)ether	340 U	340 U	350 U	360 U	14000 R
2-Chlorophenol	340 U	340 U	350 U	360 U	14000 R
1,3-Dichlorobenzene	340 U	340 U	350 U	360 U	14000 R
1,4-Dichlorobenzene	340 U	340 U	350 U	360 U	14000 R
1,2-Dichlorobenzene	340 U	340 U	350 U	360 U	14000 R
2-Methylphenol	340 U	340 U	350 U	360 U	14000 R
2,2'-Oxybis(1-chloropropane)	340 UJ	340 UJ	350 UJ	360 UJ	14000 R
4-Methylphenol	340 U	340 U	350 U	360 U	14000 R
N-Nitroso-di-n-propylamine	340 U	340 U	350 U	360 U	14000 R
Hexachloroethane	340 U	340 U	350 U	360 U	14000 R
Nitrobenzene	340 U	340 U	350 U	360 U	14000 R
Isophorone	340 U	340 U	350 U	360 U	14000 R
2-Nitrophenol	340 U	340 U	350 U	360 U	14000 R
2,4-Dimethylphenol	340 U	340 U	350 U	360 U	14000 R
bis(2-Chloroethoxy)methane	340 U	340 U	350 U	360 U	14000 R
2,4-Dichlorophenol	340 U	340 U	350 U	360 U	14000 R
1,2,4-Trichlorobenzene	340 U	340 U	350 U	360 U	14000 R
Naphthalene	330 J	200 J	350 U	360 U	3200 J
4-Chloroaniline	340 U	340 U	350 U	360 U	14000 R
Hexachlorobutadiene	340 U	340 U	350 U	360 U	14000 R
4-Chloro-3-methylphenol	340 U	340 U	350 U	360 U	14000 R
2-Methylnaphthalene	110 J	73 J	350 U	46 J	1400 J
Hexachlorocyclopentadiene	340 U	340 U	350 U	360 U	14000 R
2,4,6-Trichlorophenol	340 U	340 U	350 U	360 U	14000 R
2,4,5-Trichlorophenol	820 U	810 U	850 U	870 U	33000 R
2-Chloronaphthalene	340 U	340 U	350 U	360 U	14000 R
2-Nitroaniline	820 U	810 U	850 U	870 U	33000 R
Dimethyl phthalate	340 U	340 U	350 U	360 U	14000 R
Acenaphthylene	36 J	340 U	350 U	150 J	14000 R
2,6-Dinitrotoluene	340 U	340 U	350 U	360 U	14000 R
3-Nitroaniline	820 U	810 U	850 U	870 U	33000 R
Acenaphthene	720	470	350 U	130 J	7400 J
2,4-Dinitrophenol	820 U	810 U	850 U	870 U	33000 R
4-Nitrophenol	820 U	810 U	850 U	870 U	33000 R
Dibenzofuran	360	260 J	350 U	70 J	4300 J
2,4-Dinitrotoluene	340 U	340 U	350 U	360 U	14000 R
Diethyl phthalate	340 U	340 U	350 U	360 U	14000 R
4-Chlorophenyl phenyl ether	340 U	340 U	350 U	360 U	14000 R
Fluorene	570	370	350 U	120 J	8700 R
4-Nitroaniline	820 U	810 U	850 U	870 U	33000 R
4,6-Dinitro-2-methylphenol	820 U	810 U	850 U	870 U	33000 R
N-Nitrosodiphenylamine(1)	340 UJ	340 UJ	350 UJ	360 UJ	14000 R
4-Bromophenyl phenyl ether	340 U	340 U	350 U	360 U	14000 R
Hexachlorobenzene	340 U	340 U	350 U	360 U	14000 R
Pentachlorophenol	820 U	810 U	850 U	870 U	33000 R
Phenanthrene	5900	3800	350 U	1000	79000 J
Anthracene	1100	750	350 U	390	16000 J
Carbazole	730	550	350 U	150 J	11000 J
Di-n-butyl phthalate	340	120 J	350 U	49 J	14000 R
Fluoranthene	6700	3800	350 U	2500	100000 J
Pyrene	5400	3300	350 U	1800	66000 J
Butyl benzyl phthalate	77 J	49 J	350 U	360 U	14000 R
3,3'-Dichlorobenzidine	340 UJ	340 UJ	350 UJ	360 UJ	14000 R
Benzo(a)anthracene	3100	2600	350 U	2300	42000 J
Chrysene	2300	2000	350 U	860	39000 J
bis(2-Ethylhexyl)phthalate	2300	1400	80 J	360 U	14000 R
Di-n-octyl phthalate	340 U	340 U	350 U	360 U	14000 R
Benzo(b)fluoranthene	4500	3000	350 U	3100	79000
Benzo(k)fluoranthene	4500	3000	350 U	3100	79000
Benzo(a)pyrene	2400	2000	350 U	1300	32000 J
Indeno(1,2,3-cd)pyrene	1400	1200	350 U	1200	11000 J
Dibenzo(a,h)anthracene	490	370	350 U	400	14000 R
Benzo(g,h,i)perylene	610	590	350 U	810	11000 J

U = NON-DETECT
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UJ = DETECTION LIMIT ESTIMATED
R = DATA REJECTED

TABLE G1.1B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09–B2–01	09–B3–01	09–B4–01	09–B5–01	09–B10–01
LABORATORY ID:	551412	552517	551267	551367	551368
					DUP OF B5–01
COMPOUND (µg/Kg)					
Phenol	370 U	730 U	690 U	360 U	350 U
bis(2–Chloroethyl)ether	370 U	730 U	690 U	360 U	350 U
2–Chlorophenol	370 U	730 U	690 U	360 U	350 U
1,3–Dichlorobenzene	370 U	730 U	690 U	360 U	350 U
1,4–Dichlorobenzene	370 U	730 U	690 U	360 U	350 U
1,2–Dichlorobenzene	370 U	730 U	690 U	360 U	350 U
2–Methylphenol	370 U	730 U	690 U	360 U	350 U
2,2'–Oxybis(1–chloropropane)	370 U	730 U	690 UJ	360 U	350 U
4–Methylphenol	370 U	730 U	690 U	360 U	350 U
N–Nitroso–di–n–propylamine	370 U	730 U	690 U	360 U	350 U
Hexachloroethane	370 U	730 U	690 U	360 U	350 U
Nitrobenzene	370 U	730 U	690 U	360 U	350 U
Isophorone	370 U	730 U	690 U	360 U	350 U
2–Nitrophenol	370 U	730 U	690 U	360 U	350 U
2,4–Dimethylphenol	370 U	730 U	690 U	360 U	350 U
bis(2–Chloroethoxy)methane	370 U	730 U	690 U	360 U	350 U
2,4–Dichlorophenol	370 U	730 U	690 U	360 U	350 U
1,2,4–Trichlorobenzene	370 U	730 U	690 U	360 U	350 U
Naphthalene	57 J	200 J	150 J	360 U	350 U
4–Chloroaniline	370 U	730 U	690 U	360 U	350 U
Hexachlorobutadiene	370 U	730 U	690 U	360 U	350 U
4–Chloro–3–methylphenol	370 U	730 U	690 U	360 U	350 U
2–Methylnaphthalene	64 U	110 J	690 U	360 U	350 U
Hexachlorocyclopentadiene	370 U	730 U	690 U	360 U	350 U
2,4,6–Trichlorophenol	370 U	730 U	690 U	360 U	350 U
2,4,5–Trichlorophenol	890 U	1800 U	1700 U	860 U	860 U
2–Chloronaphthalene	370 U	730 U	690 U	360 U	350 U
2–Nitroaniline	890 U	1800 U	1700 U	860 U	860 U
Dimethyl phthalate	370 U	730 U	690 U	360 U	350 U
Acenaphthylene	50 J	730 U	690 U	360 U	350 U
2,6–Dinitrotoluene	370 U	730 U	690 U	360 U	350 U
3–Nitroaniline	890 U	1800 U	1700 U	860 U	860 U
Acenaphthene	150 J	2000	260 J	360 U	350 U
2,4–Dinitrophenol	890 U	1800 U	1700 U	860 U	860 U
4–Nitrophenol	890 U	1800 U	1700 U	860 U	860 U
Dibenzofuran	170 J	770	220 J	360 U	350 U
2,4–Dinitrotoluene	370 U	730 U	690 U	360 U	350 U
Diethyl phthalate	370 U	730 U	690 U	360 U	350 U
4–Chlorophenyl phenyl ether	370 U	730 U	690 U	360 U	350 U
Fluorene	320 J	1800	300 J	360 U	350 U
4–Nitroaniline	890 U	1800 U	1700 U	860 U	860 U
4,6–Dinitro–2–methylphenol	890 U	1800 U	1700 U	860 U	860 U
N–Nitrosodiphenylamine(1)	370 U	730 U	690 U	360 U	350 U
4–Bromophenyl phenyl ether	370 U	730 U	690 U	360 U	350 U
Hexachlorobenzene	370 U	730 U	690 U	360 U	350 U
Pentachlorophenol	890 U	1800 U	1700 U	860 U	860 U
Phenanthrene	2600	20000	2700	360 U	42 J
Anthracene	620	4000	470 J	360 U	350 U
Carbazole	200 J	2700	360 J	360 U	350 U
Di–n–butyl phthalate	55 J	730 U	690 U	360 U	350 U
Fluoranthene	3600 J	33000	2500	360 U	58 J
Pyrene	1700	21000	1800	360 U	45 J
Butyl benzyl phthalate	370 U	330 J	690 U	360 U	350 U
3,3'–Dichlorobenzidine	370 U	730 U	690 U	360 U	350 U
Benzo(a)anthracene	1400	13000	1100	360 U	350 U
Chrysene	1200	12000	1000	360 U	350 U
bis(2–Ethylhexyl)phthalate	190 J	400 J	190 J	60 J	84 J
Di–n–octyl phthalate	370 U	730 U	690 U	360 U	350 U
Benzo(b)fluoranthene	2400 J	26000	1900 J	360 U	46 J
Benzo(k)fluoranthene	2400 J	26000	1900 J	360 U	46 J
Benzo(a)pyrene	960	11000	810	360 U	350 U
Indeno(1,2,3–cd)pyrene	300 J	2400	540 J	360 U	350 U
Dibenzo(a,h)anthracene	98 J	6500 J	200 J	360 U	350 U
Benzo(g,h,i)perylene	250 J	2400	540 J	360 U	350 U

U = NON–DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-B6-01	09-B7-01	09-B8-01	09-MW5-01	09-MW1401
LABORATORY ID:	551358	551264	551409	554384	554387
					DUP OF MW5-01
COMPOUND (µg/Kg)					
Phenol	1000 U	3500 U	350 U	17000 U	18000 U
bis(2-Chloroethyl)ether	1000 U	3500 U	350 U	17000 U	18000 U
2-Chlorophenol	1000 U	3500 U	350 U	17000 U	18000 U
1,3-Dichlorobenzene	1000 U	3500 U	350 U	17000 U	18000 U
1,4-Dichlorobenzene	1000 U	3500 U	350 U	17000 U	18000 U
1,2-Dichlorobenzene	1000 U	3500 U	350 U	17000 U	18000 U
2-Methylphenol	1000 U	3500 U	350 U	17000 U	18000 U
2,2'-Oxybis(1-chloropropane)	1000 U	3500 UJ	350 U	17000 UJ	18000 UJ
4-Methylphenol	1000 U	570 J	350 U	17000 U	18000 U
N-Nitroso-di-n-propylamine	1000 U	3500 U	350 U	17000 U	18000 U
Hexachloroethane	1000 U	3500 U	350 U	17000 U	18000 U
Nitrobenzene	1000 U	3500 U	350 U	17000 U	18000 U
Isophorone	1000 U	3500 U	350 U	17000 U	18000 U
2-Nitrophenol	1000 U	3500 U	350 U	17000 U	18000 U
2,4-Dimethylphenol	1000 U	370 J	350 U	17000 U	18000 U
bis(2-Chloroethoxy)methane	1000 U	3500 U	350 U	17000 U	18000 U
2,4-Dichlorophenol	1000 U	3500 U	350 U	17000 U	18000 U
1,2,4-Trichlorobenzene	1000 U	3500 U	350 U	17000 U	18000 U
Naphthalene	160 J	9300	45 J	3800 J	5200 J
4-Chloroaniline	1000 U	3500 U	350 U	17000 U	18000 U
Hexachlorobutadiene	1000 U	3500 U	350 U	17000 U	18000 U
4-Chloro-3-methylphenol	1000 U	3500 U	350 U	17000 U	18000 U
2-Methylnaphthalene	1000 U	4300	350 U	1700 J	2400 J
Hexachlorocyclopentadiene	1000 U	3500 U	350 U	17000 U	18000 U
2,4,6-Trichlorophenol	1000 U	3500 U	350 U	17000 U	18000 U
2,4,5-Trichlorophenol	2500 U	8500 U	840 U	41000 U	44000 U
2-Chloronaphthalene	1000 U	3500 U	350 U	17000 U	18000 U
2-Nitroaniline	2500 U	8500 U	840 U	41000 U	44000 U
Dimethyl phthalate	1000 U	3500 U	350 U	17000 U	18000 U
Acenaphthylene	1000 U	910 J	350 U	17000 U	18000 U
2,6-Dinitrotoluene	1000 U	3500 U	350 U	17000 U	18000 U
3-Nitroaniline	2500 U	8500 U	840 U	41000 U	44000 U
Acenaphthene	710 J	14000	190 J	9100 J	12000 J
2,4-Dinitrophenol	2500 U	8500 U	840 U	41000 U	44000 U
4-Nitrophenol	2500 U	8500 U	840 U	41000 U	44000 U
Dibenzofuran	240 J	8400	69 J	5300 J	6800 J
2,4-Dinitrotoluene	1000 U	3500 U	350 U	17000 U	18000 U
Diethyl phthalate	1000 U	3500 U	350 U	17000 U	18000 U
4-Chlorophenyl phenyl ether	1000 U	3500 U	350 U	17000 U	18000 U
Fluorene	550 J	15000	130 J	10000 J	13000 J
4-Nitroaniline	2500 U	8500 U	840 U	41000 U	44000 U
4,6-Dinitro-2-methylphenol	2500 U	8500 U	840 U	41000 U	44000 U
N-Nitrosodiphenylamine(1)	1000 U	3500 U	350 U	17000 U	18000 U
4-Bromophenyl phenyl ether	1000 U	3500 U	350 U	17000 U	18000 U
Hexachlorobenzene	1000 U	3500 U	350 U	17000 U	18000 U
Pentachlorophenol	2500 U	8500 U	840 U	41000 U	44000 U
Phenanthrene	4200	130000	1200	87000	110000
Anthracene	960 J	21000	280 J	20000	23000
Carbazole	680 J	18000	240 J	12000 J	15000 J
Di-n-butyl phthalate	1000 U	3500 U	350 U	17000 U	18000 U
Fluoranthene	5100	140000 J	1800	110000	120000
Pyrene	4200	120000 J	1100	100000	100000
Butyl benzyl phthalate	1000 U	3500 U	350 U	17000 U	18000 U
3,3'-Dichlorobenzidine	1000 U	3500 U	350 U	17000 UJ	18000 U
Benzo(a)anthracene	2900	69000 J	820	58000	60000
Chrysene	2700	63000 J	740	47000	45000
bis(2-Ethylhexyl)phthalate	270 J	3500 U	640 U	17000 U	18000 U
Di-n-octyl phthalate	1000 U	3500 U	350 U	17000 U	18000 U
Benzo(b)fluoranthene	4200 J	110000 J	1400 J	82000	83000
Benzo(k)fluoranthene	4200 J	110000 J	1400 J	82000	83000
Benzo(a)pyrene	1800	45000 J	670	40000	40000
Indeno(1,2,3-cd)pyrene	920 J	14000	220 J	25000	22000
Dibenzo(a,h)anthracene	350 J	4200	64 J	7400 J	5500 J
Benzo(g,h,i)perylene	860 J	9100	130 J	29000	29000

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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW6-01	09-MW8-01	09-MW9-01	09-MW10-01	09-MW1101
LABORATORY ID:	554672	552892	556048	551558	554674
COMPOUND (µg/Kg)					
Phenol	340 U	340 U	340 U	340 U	370 U
bis(2-Chloroethyl)ether	340 U	340 U	340 U	340 U	370 U
2-Chlorophenol	340 U	340 U	340 U	340 U	370 U
1,3-Dichlorobenzene	340 U	340 U	340 U	340 U	370 U
1,4-Dichlorobenzene	340 U	340 U	340 U	340 U	370 U
1,2-Dichlorobenzene	340 U	340 U	340 U	340 U	370 U
2-Methylphenol	340 U	340 U	340 U	340 U	370 U
2,2'-Oxybis(1-chloropropane)	340 UJ	340 U	340 U	340 U	370 UJ
4-Methylphenol	340 U	340 U	340 U	340 U	370 U
N-Nitroso-di-n-propylamine	340 U	340 U	340 U	340 U	370 U
Hexachloroethane	340 U	340 U	340 U	340 U	370 U
Nitrobenzene	340 U	340 U	340 U	340 U	370 U
Isophorone	340 U	340 U	340 U	340 U	370 U
2-Nitrophenol	340 U	340 U	340 U	340 U	370 U
2,4-Dimethylphenol	340 U	340 U	340 U	340 U	370 U
bis(2-Chloroethoxy)methane	340 U	340 U	340 U	340 U	370 U
2,4-Dichlorophenol	340 U	340 U	340 U	340 U	370 U
1,2,4-Trichlorobenzene	340 U	340 U	340 U	340 U	240 J
Naphthalene	340 U	340 U	340 U	57 J	55 J
4-Chloroaniline	340 U	340 U	340 U	340 U	370 U
Hexachlorobutadiene	340 U	340 U	340 U	340 U	370 U
4-Chloro-3-methylphenol	340 U	340 U	340 U	340 U	370 U
2-Methylnaphthalene	340 U	340 U	340 U	340 U	370 U
Hexachlorocyclopentadiene	340 U	340 U	340 U	340 U	370 U
2,4,6-Trichlorophenol	340 U	340 U	340 U	340 U	370 U
2,4,5-Trichlorophenol	820 U	820 U	820 U	830 U	900 U
2-Chloronaphthalene	340 U	340 U	340 U	340 U	370 U
2-Nitroaniline	820 U	820 U	820 U	830 U	900 U
Dimethyl phthalate	340 U	340 U	340 U	340 U	370 U
Acenaphthylene	340 U	340 U	340 U	340 U	370 U
2,6-Dinitrotoluene	340 U	340 U	340 U	340 U	370 U
3-Nitroaniline	820 U	820 U	820 U	830 U	900 U
Acenaphthene	340 U	340 U	210 J	210 J	43 J
2,4-Dinitrophenol	820 U	820 U	820 U	830 U	900 U
4-Nitrophenol	820 U	820 U	820 U	830 U	900 U
Dibenzofuran	340 U	340 U	85 J	92 J	370 U
2,4-Dinitrotoluene	340 U	340 U	340 U	340 U	370 U
Diethyl phthalate	340 U	340 U	340 U	340 U	64 J
4-Chlorophenyl phenyl ether	340 U	340 U	340 U	340 U	370 U
Fluorene	340 U	340 U	180 J	200 J	39 J
4-Nitroaniline	820 U	820 U	820 U	830 U	900 U
4,6-Dinitro-2-methylphenol	820 U	820 U	820 U	830 U	900 U
N-Nitrosodiphenylamine(1)	340 U	340 U	340 U	340 U	370 U
4-Bromophenyl phenyl ether	340 U	340 U	340 U	340 U	370 U
Hexachlorobenzene	340 U	340 U	340 U	340 U	370 U
Pentachlorophenol	820 U	820 U	820 U	830 U	98 J
Phenanthrene	340 U	52 J	2300	1600	430
Anthracene	340 U	340 U	340	320 J	91 J
Carbazole	340 U	340 U	340	270 J	85 J
Di-n-butyl phthalate	340 U	340 U	340 U	46 J	78 J
Fluoranthene	340 U	120 J	3300 J	2400	930
Pyrene	340 U	97 J	2200 J	1700	640
Butyl benzyl phthalate	340 U	34 J	340 U	52 J	370 U
3,3'-Dichlorobenzidine	340 UJ	340 U	340 U	340 U	370 UJ
Benzo(a)anthracene	340 U	82 J	1200	1300	720
Chrysene	340 U	69 J	1100	1100	480
bis(2-Ethylhexyl)phthalate	340 U	660	340 U	520	1900 J
Di-n-octyl phthalate	340 U	340 U	340 U	340 U	370 U
Benzo(b)fluoranthene	340 U	150 J	2000 J	2100 J	1200
Benzo(k)fluoranthene	340 U	150 J	2000 J	2100 J	1200
Benzo(a)pyrene	340 U	71 J	890	930	530
Indeno(1,2,3-cd)pyrene	340 U	340 U	260 J	430	670
Dibenzo(a,h)anthracene	340 U	340 U	80 J	160 J	200 J
Benzo(g,h,i)perylene	340 U	340 U	250 J	440	780

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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW12-01	09-MW1301
LABORATORY ID:	569327	559392
COMPOUND (µg/Kg)		
Phenol	350 U	430 U
bis(2-Chloroethyl)ether	350 U	430 U
2-Chlorophenol	350 U	430 U
1,3-Dichlorobenzene	350 U	430 U
1,4-Dichlorobenzene	350 U	430 U
1,2-Dichlorobenzene	350 U	430 U
2-Methylphenol	350 U	430 U
2,2'-Oxybis(1-chloropropane)	350 U	430 U
4-Methylphenol	350 U	430 U
N-Nitroso-di-n-propylamine	350 U	430 U
Hexachloroethane	350 U	430 U
Nitrobenzene	350 U	430 U
Isophorone	350 U	430 U
2-Nitrophenol	350 U	430 U
2,4-Dimethylphenol	350 U	430 U
bis(2-Chloroethoxy)methane	350 U	430 U
2,4-Dichlorophenol	350 U	430 U
1,2,4-Trichlorobenzene	350 U	430 U
Naphthalene	350 U	430 U
4-Chloroaniline	350 U	430 U
Hexachlorobutadiene	350 U	430 U
4-Chloro-3-methylphenol	350 U	430 U
2-Methylnaphthalene	350 U	430 U
Hexachlorocyclopentadiene	350 U	430 U
2,4,6-Trichlorophenol	350 U	430 U
2,4,5-Trichlorophenol	850 U	1000 U
2-Chloronaphthalene	350 U	430 U
2-Nitroaniline	850 U	1000 U
Dimethyl phthalate	350 U	430 U
Acenaphthylene	350 U	430 U
2,6-Dinitrotoluene	350 U	430 U
3-Nitroaniline	850 U	1000 U
Acenaphthene	350 U	430 U
2,4-Dinitrophenol	850 U	1000 U
4-Nitrophenol	850 U	1000 UJ
Dibenzofuran	350 U	430 U
2,4-Dinitrotoluene	350 U	430 U
Diethyl phthalate	350 U	430 U
4-Chlorophenyl phenyl ether	350 U	430 U
Fluorene	350 U	430 U
4-Nitroaniline	850 U	1000 U
4,6-Dinitro-2-methylphenol	850 U	1000 U
N-Nitrosodiphenylamine(1)	350 U	430 U
4-Bromophenyl phenyl ether	350 U	430 U
Hexachlorobenzene	350 U	430 U
Pentachlorophenol	850 U	1000 U
Phenanthrene	350 U	430 U
Anthracene	350 U	430 U
Carbazole	350 U	430 U
Di-n-butyl phthalate	350 U	430 U
Fluoranthene	350 U	430 U
Pyrene	350 U	430 U
Butyl benzyl phthalate	350 U	430 U
3,3'-Dichlorobenzidine	350 U	430 U
Benzo(a)anthracene	350 U	430 U
Chrysene	350 U	430 U
bis(2-Ethylhexyl)phthalate	350 U	430 U
Di-n-octyl phthalate	350 U	430 U
Benzo(b)fluoranthene	350 U	430 U
Benzo(k)fluoranthene	350 U	430 U
Benzo(a)pyrene	350 U	430 U
Indeno(1,2,3-cd)pyrene	350 U	430 U
Dibenzo(a,h)anthracene	350 U	430 U
Benzo(g,h,i)perylene	350 U	430 U

U = NON-DETECT
J = ESTIMATED CONCENTRATION

TABLE G1.1C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09–SS01	09–SS02	09–SS03	09–SS04	09–SS05	09–SS08	09–SS06	09–SS07
LABORATORY ID:	550405	550406	550407	550408	550409	550411	550410	550404 D50
						DUP OF SS05		
COMPOUND (μg/Kg)								
Alpha–BHC	0.084 J	1.9 U	1.8 U	1.8 U	1.8 U	0.13 J	1.8 U	9.3 U
Beta–BHC	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	9.3 U
Delta–BHC	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	0.26 J	1.8 U	9.3 U
Gamma–BHC (Lindane)	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	14 J	1.8 U	9.3 U
Heptachlor	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	15 J	1.8 U	9.3 U
Aldrin	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	14 J	1.8 U	9.3 U
Heptachlor epoxide	1.2 J	1.9 U	1.8 U	1.8 U	1.2 J	0.92 J	1.8 U	9.3 U
Endosulfan I	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	0.52 J	1.8 U	9.3 U
Dieldrin	0.5 J	3.7 U	0.2 J	3.5 U	0.78 J	11 J	3.5 U	18 U
4,4'–DDE	12	6.3 U	1.3 J	11	2.6 J	4.5	3.5 U	3.4 J
Endrin	3.7 U	3.7 J	0.098 J	3.5 U	3.4 U	26 J	3.5 U	18 U
Endosulfan II	3.7 U	2.1 J	0.4 J	0.3 J	3.4 U	4.9 J	3.5 U	4.2 J
4,4'–DDD	8.2 J	1.5 U	0.8 J	1.9 J	4.7 J	11 J	3.5 U	6.5 J
Endosulfan sulfate	3.3 J	3.7	3.5 U	3.5 U	3.4 U	3.4 U	3.5 U	18 U
4,4'–DDT	48	28	6.3 J	29	51	68	3.5 U	50 J
p,p'–Methoxychlor	19 U	19 U	18 U	18 U	18 U	17 U	0.4 J	9.3 U
Endrin ketone	3.7 U	3.7 U	0.3 J	3.5 U	3.4 U	3.4 U	3.5 U	18 U
Endrin aldehyde	1.2 J	6.5 J	1.1 J	3.5 U	3.4 U	3.4 U	3.5 U	18 U
Alpha chlordane	28	1.9 U	0.07 J	1.8 U	1.4 J	1.6 J	1.8 U	5.5 J
Gamma chlordane	23	1.9 U	0.19 J	1.8 U	5.6 J	2.8 J	1.8 U	5.5 J
Toxaphene	190 U	190 U	180 U	180 U	180 U	170 U	180 U	930 U
PCB–1016	37 U	37 U	35 U	35 U	34 U	34 U	35 U	180 U
PCB–1221	75 U	75 U	70 U	71 U	69 U	69 U	72 U	370 U
PCB–1232	37 U	37 U	35 U	35 U	34 U	34 U	35 U	180 U
PCB–1242	37 U	37 U	35 U	35 U	34 U	34 U	35 U	180 U
PCB–1248	37 U	37 U	35 U	35 U	34 U	34 U	35 U	180 U
PCB–1254	37 U	37 U	35 U	35 U	34 U	34 U	35 U	180 U
PCB–1260	37 U	78	35 U	35 U	780	490 J	35 U	970

U = NON–DETECT
J = ESTIMATED VALUE

TABLE G1.1C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09-B1-01	09-B2-01	09-B3-01	09-B4-01	09-B5-01	09-B10-01	09-B6-01	09-B7-01
LABORATORY ID:	552515 D51	551412	552517 D11	551267 D50	551367	551368	551358	551264 D50
						DUP OF B5-01		
COMPOUND (µg/Kg)								
Alpha-BHC	90 UJ	1.9 U	19 UJ	8.9 UJ	1.8 U	1.8 U	1.8 UJ	9 UJ
Beta-BHC	90 UJ	1 J	19 UJ	8.9 UJ	1.8 U	1.8 U	1.8 UJ	9 UJ
Delta-BHC	90 UJ	1.9 U	19 UJ	8.9 UJ	1.8 U	1.8 U	1.8 UJ	0.76 J
Gamma-BHC (Lindane)	90 UJ	1.9 U	19 UJ	8.9 UJ	1.8 U	1.8 U	1.8 UJ	9 R
Heptachlor	90 UJ	1.9 U	19 UJ	8.9 UJ	1.8 U	1.8 U	1.8 UJ	9 R
Aldrin	90 UJ	1.9 U	19 UJ	0.79 UJ	1.8 U	1.8 U	1.8 UJ	9 R
Heptachlor epoxide	29 J	1.9 U	10 J	8.9 UJ	1.8 U	1.8 U	0.45 J	9 J
Endosulfan I	90 UJ	1.9 U	19 UJ	6.5 UJ	1.8 U	1.8 U	1.8 UJ	9 J
Dieldrin	54 J	2.6 J	8.4 J	1.2 UJ	3.6 U	3.6 U	0.8 J	36 J
4,4'-DDE	14 J	9.6 J	9 J	1.3 UJ	2.8 J	0.55 J	16 J	3 J
Endrin	170 UJ	3.7 U	36 UJ	0.53 UJ	0.2 J	3.6 U	6.2 J	24 J
Endosulfan II	170 UJ	3.7 U	36 UJ	17 UJ	3.6 U	3.6 U	3.5 UJ	7.4 J
4,4'-DDD	52 J	10 J	36 UJ	2.2 UJ	2.8 J	0.3 J	95 J	81 J
Endosulfan sulfate	33 J	3.7 U	8.7 J	1.3 J	0.62 J	3.6 U	1.4 J	18 UJ
4,4'-DDT	39 J	3.7 U	36 UJ	22 UJ	7	3.6 J	1.6 J	18 UJ
p,p'-Methoxychlor	900 UJ	24 J	190 UJ	9.9 UJ	18 U	18 U	18 UJ	630 J
Endrin ketone	170 UJ	3.7 U	16 J	2.8 UJ	3.6 U	3.6 U	5.1 J	57 J
Endrin aldehyde	170 UJ	3.7 U	36 UJ	8.8 J	0.45 J	3.6 U	0.51 J	110 J
Alpha chlordane	13 J	6.8 J	24 J	8.9 UJ	1.8 U	1.8 U	1.8 UJ	15 J
Gamma chlordane	13 J	9.9 J	5 J	0.61 J	1.8 U	1.8 U	1 J	8.7 J
Toxaphene	9000 UJ	190 U	1900 UJ	890 UJ	180 U	180 U	180 UJ	900 UJ
PCB-1016	1700 UJ	37 U	360 UJ	170 UJ	36 U	36 U	35 UJ	180 UJ
PCB-1221	3500 UJ	75 U	730 UJ	350 UJ	73 U	73 U	70 UJ	360 UJ
PCB-1232	1700 UJ	37 U	360 UJ	170 UJ	36 U	36 U	35 UJ	180 UJ
PCB-1242	1700 UJ	37 U	360 UJ	170 UJ	36 U	36 U	35 UJ	180 UJ
PCB-1248	1700 UJ	37 U	360 UJ	170 UJ	36 U	36 U	35 UJ	180 UJ
PCB-1254	1700 UJ	37 U	360 UJ	170 UJ	36 U	36 U	35 UJ	180 UJ
PCB-1260	1700 UJ	260	360 UJ	170 UJ	36 U	36 U	35 UJ	180 UJ

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED
R = DATA REJECTED

TABLE G1.1C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09-B8-01	09-MW5-01	09-MW1401	09-MW6-01	09-MW8-01	09-MW9-01	09-MW10-01	09-MW1101
LABORATORY ID:	551409 D50	554384 D50	554387 D50	554672	552892	556048	551558	554674 D22
			DUP OF MW5-01					
COMPOUND (µg/Kg)								
Alpha-BHC	8.9 UJ	8.9 UJ	9.3 U	1.8 UJ	1.8 U	0.098 J	1.8 U	380 UJ
Beta-BHC	8.9 UJ	8.9 UJ	9.3 U	1.8 UJ	1.8 U	1.7 U	1.8 U	380 UJ
Delta-BHC	8.9 UJ	8.9 UJ	9.3 U	1.8 UJ	1.8 U	1.7 U	1.8 U	380 UJ
Gamma-BHC (Lindane)	8.9 UJ	8.9 UJ	9.3 U	1.8 UJ	1.8 U	1.7 U	1.8 U	380 UJ
Heptachlor	8.9 UJ	8.9 UJ	9.3 U	0.091 J	1.8 U	0.67 J	1.4 J	380 UJ
Aldrin	8.9 UJ	8.9 UJ	9.3 U	1.8 UJ	1.8 U	1.7 U	1.8 U	380 UJ
Heptachlor epoxide	8.9 UJ	8.9 UJ	9.3 U	1.8 UJ	1.8 U	1.7 U	1.3 J	380 UJ
Endosulfan I	8.9 UJ	13 J	9.3 U	1.8 UJ	1.8 U	1.7 U	1.8 U	380 UJ
Dieldrin	17 UJ	22 J	22 J	3.4 UJ	0.28 J	1 J	3.4 U	750 UJ
4,4'-DDE	3 J	17 UJ	19 J	8.9 J	0.23 J	3.4 U	2.4 J	750 UJ
Endrin	17 UJ	14 J	18 U	0.13 J	3.4 U	3.4 U	0.43 J	750 UJ
Endosulfan II	17 UJ	17 UJ	18 U	3.4 UJ	3.4 U	3.4 U	0.17 J	750 UJ
4,4'-DDD	3.2 J	9.9 J	18 U	2.2 J	3.4 U	1.4 J	8.1	750 UJ
Endosulfan sulfate	17 UJ	9.7 J	18 U	3.4 UJ	3.4 U	3.4 U	3.4 U	750 UJ
4,4'-DDT	17 UJ	28 UJ	38 J	15 J	3.4 U	3.4 U	11 J	750 UJ
p,p'-Methoxychlor	89 UJ	41 J	93 U	18 UJ	18 U	17 U	14 J	3800 UJ
Endrin ketone	17 UJ	17 UJ	18 U	3.4 UJ	3.4 U	3.4 U	3.4 U	750 UJ
Endrin aldehyde	17 UJ	1 J	18 U	3.4 UJ	3.4 U	3.4 U	3.9 J	750 UJ
Alpha chlordane	8.9 UJ	8.9 UJ	4 J	1.8 UJ	0.22 J	1.2 J	12	380 UJ
Gamma chlordane	8.9 UJ	8.9 UJ	13	1.8 UJ	0.63 J	1.7 U	14	380 UJ
Toxaphene	890 UJ	890 UJ	930 U	180 UJ	180 U	170 U	180 U	38000 UJ
PCB-1016	170 UJ	170 UJ	180 U	34 UJ	34 U	34 U	34 U	7500 UJ
PCB-1221	350 UJ	350 UJ	370 U	70 UJ	70 U	69 U	70 U	15000 UJ
PCB-1232	170 UJ	170 UJ	180 U	34 UJ	34 U	34 U	34 U	7500 UJ
PCB-1242	170 UJ	170 UJ	180 U	34 UJ	34 U	34 U	34 U	7500 UJ
PCB-1248	170 UJ	170 UJ	180 U	34 UJ	34 U	34 U	34 U	7500 UJ
PCB-1254	170 UJ	170 UJ	180 U	34 UJ	34 U	34 U	34 U	7500 UJ
PCB-1260	680 J	170 UJ	570 J	34 UJ	17 J	34 U	34 U	30000 J

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09–MW1201	09–MW1301
LABORATORY ID:	569327	559392
COMPOUND (μg/Kg)		
Alpha–BHC	1.8 UJ	2.2 U
Beta–BHC	1.8 UJ	2.2 U
Delta–BHC	1.8 UJ	2.2 U
Gamma–BHC (Lindane)	1.8 UJ	2.2 U
Heptachlor	1.8 UJ	0.11 J
Aldrin	1.8 UJ	2.2 U
Heptachlor epoxide	1.8 UJ	2.2 U
Endosulfan I	1.8 UJ	2.2 U
Dieldrin	3.5 U	4.3 U
4,4'–DDE	3.5 UJ	0.45 J
Endrin	3.5 U	4.3 U
Endosulfan II	3.5 U	4.3 U
4,4'–DDD	3.5 U	4.3 U
Endosulfan sulfate	3.5 U	4.3 U
4,4'–DDT	3.5 U	0.43 J
p,p'–Methoxychlor	18 UJ	22 U
Endrin ketone	3.5 U	4.3 U
Endrin aldehyde	3.5 U	0.84 J
Alpha chlordane	1.8 U	2.2 U
Gamma chlordane	1.8 U	0.25 J
Toxaphene	180 U	220 U
PCB–1016	35 U	43 U
PCB–1221	72 U	87 U
PCB–1232	35 U	43 U
PCB–1242	35 U	43 U
PCB–1248	35 U	43 U
PCB–1254	35 U	43 U
PCB–1260	35 U	43 U

U = NON–DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09-SS01	09-SS02	09-SS03	09-SS04	09-SS05	09-SS08	09-SS06	09-SS07
LABORATORY ID:	550419	550420	550421	550422	550423	550425	550424	550418
						DUP OF SS-05		
ANALYTE (mg/Kg)								
Aluminum	7400	5550	4040	3130	6990	6170	3930	6460
Antimony	10.4 UJ	10.4 UJ	9.7 UJ	9.8 UJ	9.6 UJ	9.5 UJ	9.9 UJ	10 UJ
Arsenic	3.3 U	2.5 U	2.1 U	1.9 U	1.9 U	3.8 U	1.2 U	2.1 J
Barium	22.6	20.4	10.3	10	76	66.7	9.7	86.4
Beryllium	0.65	0.57	0.42 U	0.43 U	3.5	3.4	1.1	5.1
Cadmium	1.1 J	1.6 J	0.16 J	0.088 UJ	7.5 J	10 J	0.11 UJ	3.4 J
Calcium	490	763	1510	716	2440	1980	279 J	2170
Chromium	15	19.3	6.2	6.1	71	54.9	3.8	45.9
Cobalt	3.9	4.2	3.1	2.7	19.2	15.6	3.8	22.9
Copper	579	44.4 J	13.6 J	11.9 J	419	369	12.8 J	535
Iron	10600	11000	8400	7350	24500	19300	9750	27300
Lead	72.1	88.9	8.3	5.1	633	592	10.9	550
Magnesium	1220	1540	1290	1080	1850	1500	957	1380
Manganese	127	198	89.2	76.3	310	246	166	303
Mercury	0.5 J	0.42 J	0.11 U	0.11 U	0.78 J	0.38 J	0.11 U	0.2 J
Nickel	7 U	7 U	6.6	6.6 U	164	148	6.6 U	201
Potassium	541	504 U	651	477 U	690	462 U	479 U	488 U
Selenium	0.68 U	0.68 U	0.63 U	0.64 U	0.62 UJ	0.62 UJ	0.64 U	0.66 U
Silver	0.42 J	0.36 J	0.042 UJ	0.069 J	0.43 J	2.7 J	0.1 J	2.1 J
Sodium	89.9	70.8	95.4	134	377	298	75.2	373
Thallium	0.9 UJ	0.9 U	0.85 U	0.85 U	0.83 UJ	8.3	0.86 UJ	0.87 U
Vanadium	13.2	11.9	7.9	7.1	51.3	55.7	5.3	16.4
Zinc	68.2	101	24.6	19.2	1820	1460	71.9	2600
Cyanide	0.56 U	0.56 U	0.53 U	0.53 U	0.52 U	0.52 U	0.54 U	0.55 U

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09-B1-01	09-B2-01	09-B3-01	09-B4-01	09-B5-01	09-B10-01	09-B6-01	09-B7-01
LABORATORY ID:	552526	551417	552528	551272	551372	551373	551370	551269
						DUP OF B5-01		
ANALYTE (mg/Kg)								
Aluminum	23700	4950	6120	4750	3340	3500	5320	2360
Antimony	28.8 J	10.3 J	12 J	9.7 J	9.9 J	10 UJ	9.7 UJ	9.8 UJ
Arsenic	28.3 J	3.5	5.8 J	1.2	2	2.1	1.6	1.9
Barium	741	116	89.3	13.2	9.3	10	25.1	27.7
Beryllium	59.4	0.45 U	0.68 J	0.42	0.43 U	0.44 U	0.75	0.91
Cadmium	4.3	172 J	29.9	0.85 J	0.07 J	0.097 J	1.7 J	0.4 J
Calcium	15300	1080	2850	1120	742	862	574	466
Chromium	291 J	21.8	117 J	9.4	6.2	6.2	7.7	23.8
Cobalt	326	4.6	7.5	3	2.8	3.4	3.9	4.9
Copper	6620 J	194	245 J	10.4	6.7	5.8	49.4	71.1
Iron	175000	13100	23200	10200	7880	8630	12400	10200
Lead	4320 J	399 J	325 J	34.9 J	5.3	5.8	71 J	241 J
Magnesium	8200	1100	1830	899	1250	1260	1250	1200
Manganese	1910 J	133 J	266 J	137 J	73.3 J	79.4 J	187 J	114 J
Mercury	0.1 U	0.48	0.15	0.1 U	0.11 U	0.11 U	0.11 U	0.11 U
Nickel	1540	53.3	34.5	6.5 U	6.7 U	6.8 U	8.7	19.7
Potassium	1910	503 U	497 U	773	483 U	487 U	473 U	572
Selenium	0.97 J	0.67 UJ	0.67 UJ	0.63 UJ	0.65 UJ	0.65 UJ	0.63 UJ	0.64 UJ
Silver	1.1 J	3.2 J	2.8 J	0.09 J	0.17 UJ	0.044 UJ	0.42 UJ	0.05 UJ
Sodium	4070	205 U	200	166 U	140 U	167 U	155 U	201 U
Thallium	0.84 U	0.9 U	0.89 U	0.84 U	0.86 U	0.87 U	0.85 U	0.86 U
Vanadium	42.5	112	41.4	7.6	6.5 U	6.8	9.2	6.9
Zinc	32900 J	474	880 J	62	20.8	21.9	136	543
Cyanide	0.52 UJ	0.56 U	0.55 UJ	0.52 U	0.54 U	0.54 U	0.53 U	0.53 U

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09-B8-01	09-MW5-01	09-MW14-01	09-MW6-01	09-MW8-01	09-MW9-01	09-MW10-01	09-MW11-01
LABORATORY ID:	551414	554393	554399	554673	552893	556064	551559	554675
			DUP OF MW5-01					
ANALYTE (mg/Kg)								
Aluminum	4850	4860	5050	3280	3710	6290	6320	9710
Antimony	9.7 UJ	15.1 J	15.9 J	7.5 UJ	9.6 UJ	7.4 UJ	9.6 UJ	37.5 J
Arsenic	1.5	5	5.7	1.4	0.93 J	1.9	2	9.5
Barium	23.4	106	99.9	9.9	12.2	14.3	50.2	321
Beryllium	0.42	7.6	14.1	0.25	0.52	0.51	1.3	1.8
Cadmium	4.3 J	5.2 J	3.3 J	0.12 UJ	0.4	0.16 UJ	1.8 J	132 J
Calcium	3120	2710	4410	823	402	735	1860	3710
Chromium	16.3	45.2 J	43.6 J	5.3 J	5.2 J	7.6 J	14.8	99 J
Cobalt	6	51.9	48.8	3.6	3	5.1	11.5	51
Copper	63.3	819	791	6.4 U	12.2 J	16.1 U	149	1150
Iron	9510	28200 J	28300 J	7420 J	7040	11000 J	14800	185000 J
Lead	86.8 J	584	496	5.3 J	30.3	21.2	165 J	898
Magnesium	1340	1370	1390	1140	765	1450	2090	1680
Manganese	120 J	288 J	290 J	75.8 J	107 J	108 J	220 J	1470 J
Mercury	0.1 U	0.21	0.18	0.1 U	0.1 U	0.1 U	0.1 U	2.8
Nickel	11.8	211	188	4.7	6.4 U	5.9	65.6	104
Potassium	506	475	410	296	465 U	390	674	790
Selenium	0.63 UJ	0.63 UJ	0.66 UJ	0.63 UJ	1.6 J	0.62 UJ	0.62 UJ	0.68 UJ
Silver	0.4 J	0.49 J	0.52 J	0.042 UJ	0.17 J	0.07 J	0.51 J	14.6 J
Sodium	194 U	567	573	102	97.1	228	239 U	433
Thallium	0.84 U	0.84 UJ	0.88 UJ	0.84 UJ	0.83 U	0.83 UJ	0.83 U	0.91 UJ
Vanadium	19.4	7.1 J	8.3 J	5.3 J	8.8	10.1	11.7	64.4 J
Zinc	495	4200	3870	46.2	46.3 J	76.7	787	3570
Cyanide	0.53 U	0.52 U	0.55 U	0.52 U	0.52 UJ	0.52 U	0.52 U	0.59

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.1D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09-MW12-01	09-MW13-01
LABORATORY ID:	569339	559393
ANALYTE (mg/Kg)		
Aluminum	5740 J	9400
Antimony	7.5 UJ	12.1 UJ
Arsenic	2	1.5
Barium	8.3	8.8
Beryllium	0.34	0.53 U
Cadmium	0.031	0.09 UJ
Calcium	350	212 J
Chromium	5.4	6.9 J
Cobalt	3.5	2.4 U
Copper	9.4	6.6 UJ
Iron	9480 J	9270 J
Lead	6.2	9.2
Magnesium	988 J	602
Manganese	72.9 J	22.6 J
Mercury	0.11	0.13 U
Nickel	7.3	8.2 UJ
Potassium	273	590 U
Selenium	0.65 R	0.79 R
Silver	0.055 J	0.23 U
Sodium	45.6	53.2
Thallium	0.65 U	1 U
Vanadium	6.9	11.3
Zinc	22.4	14.4
Cyanide	0.54	0.66

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED
R = ANALYTE REJECTED

TABLE G1.1G

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SURFACE SOIL SAMPLES
SUMMARY OF DIOXIN/FURAN COMPOUNDS

CLIENT ID:	09–SS01	09–SS02	09–SS03	09–SS04	09–SS05	09–SS08	09–SS06
LABORATORY ID:	550405	550406	550407	550408	550409	550411	550410
						DUP OF SS05	
COMPOUND (µg/Kg)							
2,3,7,8–TCDD	0.052 U	0.051 U	0.048 U	0.048 U	0.047 U	0.048 U	0.047 U
1,2,3,7,8–PeCDD	0.09 U	0.09 U	0.084 U	0.083 U	0.082 U	0.083 U	0.082 U
1,2,3,4,7,8–HxCDD	0.15 U	0.15 U	0.14 U	0.14 U	0.13 U	0.14 U	0.13 U
1,2,3,6,7,8–HxCDD	0.074 U	0.074 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U
1,2,3,7,8,9–HxCDD	0.13 U	0.12 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U
1,2,3,4,6,7,8–HpCDD	0.379	0.15 U	0.14 U	0.14 U	0.14 U	0.198	0.14 U
OCDD	2.65	0.773	0.351	0.435	1.04	1.49	0.18 U
2,3,7,8–TCDF	0.045 U	0.045 U	0.042 U	0.042 U	0.0628	0.0583	0.041 U
1,2,3,7,8–PeCDF	0.071 U	0.07 U	0.066 U	0.065 U	0.064 U	0.065 U	0.064 U
2,3,4,7,8–PeCDF	0.074 U	0.073 U	0.069 U	0.068 U	0.067 U	0.068 U	0.067 U
1,2,3,4,7,8–HxCDF	0.083 U	0.082 U	0.077 U	0.076 U	0.075 U	0.076 U	0.075 U
1,2,3,6,7,8–HxCDF	0.065 U	0.064 U	0.06 U	0.06 U	0.059 U	0.059 U	0.059 U
2,3,4,6,7,8–HxCDF	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
1,2,3,7,8,9–HxCDF	0.15 J	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3,4,6,7,8–HpCDF	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
1,2,3,4,7,8,9–HpCDF	0.13 U	0.13 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
OCDF	0.25 U	0.24 U	0.23 U	0.23 U	0.22 U	0.23 U	0.22 U

U = NON–DETECT

TABLE G1.2A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-B1-07	09-B2-03	09-B3-03	09-B4-05	09-B5-06	09-B6-07	09-B7-04	09-B7-06
LABORATORY ID:	552519	551413	552575	551268	551369	551361	551265	551266
COMPOUND (µg/Kg)								
Chloromethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Bromomethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Vinyl chloride	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Chloroethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Methylene chloride	24 U	39 U	19 U	22 U	20 U	79 U	200 U	1300 UJ
Acetone	28 U	130 J	34 U	77 UJ	51 J	180 J	61 UJ	1300 UJ
Carbon disulfide	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
1,1-Dichloroethene	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
1,1-Dichloroethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
1,2-Dichloroethene(Total)	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Chloroform	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
1,2-Dichloroethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
2-Butanone	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
1,1,1-Trichloroethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Carbon tetrachloride	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Bromodichloromethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
1,2-Dichloropropane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Cis-1,3-Dichloropropene	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Trichloroethene	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Dibromochloromethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
1,1,2-Trichloroethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Benzene	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Trans-1,3-Dichloropropene	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Bromoform	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
4-Methyl-2-pentanone	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
2-Hexanone	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Tetrachloroethene	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
1,1,2,2-Tetrachloroethane	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Toluene	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Chlorobenzene	12 U	13 U	12 U	2 J	11 U	12 U	61 U	190 J
Ethylbenzene	12 U	13 U	12 U	2 J	1 J	12 U	61 U	220 J
Styrene	12 U	13 U	12 U	11 U	11 U	12 U	61 U	1300 UJ
Xylenes (Total)	12 U	13 U	1 J	5 J	1 J	12 U	20 J	4500 J

U = NON-DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-B8-04	09-B8-06	09-MW5-04	09-MW5-06	09-MW6-08	09-MW7-02	09-MW7-06	09-MW7-23
LABORATORY ID:	551410	551411	554385	554386	555206	552521	552523	554207
COMPOUND (µg/Kg)								
Chloromethane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Bromomethane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Vinyl chloride	12 U	12 U	11 U	12 U	12 U	11 U	11 U	350 J
Chloroethane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 U
Methylene chloride	39 U	73 U	17 U	17 U	12 U	13 U	13 U	820 U
Acetone	100 J	58 J	17 U	27 U	74 U	18 U	21 U	1600 UJ
Carbon disulfide	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
1,1-Dichloroethene	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
1,1-Dichloroethane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
1,2-Dichloroethene(Total)	12 U	12 U	11 U	12 U	14	11 U	11 U	3100 J
Chloroform	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
1,2-Dichloroethane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
2-Butanone	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
1,1,1-Trichloroethane	12 U	12 U	11 U	3 J	13	11 U	11 U	1600 UJ
Carbon tetrachloride	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Bromodichloromethane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
1,2-Dichloropropane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Cis-1,3-Dichloropropene	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Trichloroethene	12 U	12 U	11 U	2 J	15	11 U	11 U	1600 UJ
Dibromochloromethane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
1,1,2-Trichloroethane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Benzene	12 U	12 U	11 U	3 J	12 U	11 U	11 U	1600 UJ
Trans-1,3-Dichloropropene	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Bromoform	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
4-Methyl-2-pentanone	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
2-Hexanone	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Tetrachloroethene	12 U	12 U	2 J	12 U	12 U	11 U	11 U	1600 UJ
1,1,2,2-Tetrachloroethane	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Toluene	4 J	12 U	11 U	82	1 J	3 J	11 U	1600 UJ
Chlorobenzene	12 U	42	11 U	2 J	12 U	3 J	11 U	1600 UJ
Ethylbenzene	190	12 U	11 U	38	12 U	11 U	4 J	1600 UJ
Styrene	12 U	12 U	11 U	12 U	12 U	11 U	11 U	1600 UJ
Xylenes (Total)	4400 D	2 J	11 U	110	1 J	11 U	14	1600 UJ

U = NON-DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW8-04	09-MW8-06	09-MW9-08	09-MW10-09	09-MW1105	09-MW12-03
LABORATORY ID:	552896	552894	556059	551560	554676	569338
COMPOUND (µg/Kg)						
Chloromethane	14 U	12 U	12 U	13 U	12 U	13 U
Bromomethane	14 U	12 U	12 U	13 U	12 U	13 U
Vinyl chloride	14 U	12 U	12 U	13 U	12 U	13 U
Chloroethane	14 U	12 U	12 U	13 U	12 U	13 U
Methylene chloride	40 U	24 U	17 U	37 U	42 U	14 UJ
Acetone	68 U	35 U	27 U	43 U	12 U	53 UJ
Carbon disulfide	14 U	12 U	12 U	13 U	12 U	13 U
1,1-Dichloroethene	14 U	12 U	12 U	13 U	12 U	13 U
1,1-Dichloroethane	14 U	12 U	12 U	13 U	12 U	13 U
1,2-Dichloroethene(Total)	14 U	12 U	12 U	13 U	12 U	13 U
Chloroform	14 U	12 U	12 U	13 U	12 U	13 U
1,2-Dichloroethane	14 U	12 U	12 U	13 U	12 U	13 U
2-Butanone	11 J	12 U	12 U	13 U	12 U	13 U
1,1,1-Trichloroethane	2 J	12 U	4 J	13 U	12 U	13 U
Carbon tetrachloride	14 U	12 U	12 U	13 U	12 U	13 U
Bromodichloromethane	14 U	12 U	12 U	13 U	12 U	13 U
1,2-Dichloropropane	14 U	12 U	12 U	13 U	12 U	13 U
Cis-1,3-Dichloropropene	14 U	12 U	12 U	13 U	12 U	13 U
Trichloroethene	14 U	12 U	12 U	13 U	2 J	13 U
Dibromochloromethane	14 U	12 U	12 U	13 U	12 U	13 U
1,1,2-Trichloroethane	14 U	12 U	12 U	13 U	12 U	13 U
Benzene	14 U	12 U	12 U	13 U	12 U	13 U
Trans-1,3-Dichloropropene	14 U	12 U	12 U	13 U	12 U	13 U
Bromoform	14 U	12 U	12 U	13 U	12 U	13 U
4-Methyl-2-pentanone	14 U	12 U	12 U	13 U	12 U	13 U
2-Hexanone	14 U	12 U	12 U	13 U	12 U	13 U
Tetrachloroethene	2 J	12 U	12 U	13 U	12 U	13 U
1,1,2,2-Tetrachloroethane	14 U	12 U	12 U	13 U	12 U	13 U
Toluene	14 U	12 U	2 J	13 U	12 U	13 U
Chlorobenzene	14 U	12 U	12 U	13 U	180	13 U
Ethylbenzene	14 U	12 U	12 U	13 U	2 J	13 U
Styrene	14 U	12 U	12 U	13 U	12 U	13 U
Xylenes (Total)	14 U	12 U	12 U	13 U	25	13 U

U = NON-DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-B1-07	09-B2-03	09-B3-03	09-B4-05	09-B5-06
LABORATORY ID:	552519	551413	552575	551268	551369
COMPOUND (µg/Kg)					
Phenol	390 U	410 U	390 U	1100 U	710 U
bis(2-Chloroethyl)ether	390 U	410 U	390 U	1100 U	710 U
2-Chlorophenol	390 U	410 U	390 U	1100 U	710 U
1,3-Dichlorobenzene	390 U	410 U	390 U	1100 U	710 U
1,4-Dichlorobenzene	390 U	410 U	390 U	1100 U	710 U
1,2-Dichlorobenzene	390 U	410 U	390 U	1100 U	710 U
2-Methylphenol	390 U	410 U	390 U	1100 U	710 U
2,2'-Oxybis(1-chloropropane)	390 U	410 U	390 U	1100 U	710 U
4-Methylphenol	390 U	410 U	390 U	1100 U	710 U
N-Nitroso-di-n-propylamine	390 U	410 U	390 U	1100 U	710 U
Hexachloroethane	390 U	410 U	390 U	1100 U	710 U
Nitrobenzene	390 U	410 U	390 U	1100 U	710 U
Isophorone	390 U	410 U	390 U	1100 U	710 U
2-Nitrophenol	390 U	410 U	390 U	1100 U	710 U
2,4-Dimethylphenol	390 U	410 U	390 U	1100 U	710 U
bis(2-Chloroethoxy)methane	390 U	410 U	390 U	1100 U	710 U
2,4-Dichlorophenol	390 U	410 U	390 U	1100 U	710 U
1,2,4-Trichlorobenzene	390 U	410 U	390 U	1100 U	710 U
Naphthalene	390 U	410 U	860	150 J	1600
4-Chloroaniline	390 U	410 U	390 U	1100 U	710 U
Hexachlorobutadiene	390 U	410 U	390 U	1100 U	710 U
4-Chloro-3-methylphenol	390 U	410 U	390 U	1100 U	710 U
2-Methylnaphthalene	390 U	410 U	2700	1100 U	5000
Hexachlorocyclopentadiene	390 U	410 U	390 U	1100 U	710 U
2,4,6-Trichlorophenol	390 U	410 U	390 U	1100 U	710 U
2,4,5-Trichlorophenol	950 U	1000 U	950 U	2700 U	1700 U
2-Chloronaphthalene	390 U	410 U	390 U	1100 U	710 U
2-Nitroaniline	950 U	1000 U	950 U	2700 U	1700 U
Dimethyl phthalate	390 U	410 U	390 U	1100 U	710 U
Acenaphthylene	390 U	410 U	390 U	1100 U	100 J
2,6-Dinitrotoluene	390 U	410 U	390 U	1100 U	710 U
3-Nitroaniline	950 U	1000 U	950 U	2700 U	1700 U
Acenaphthene	390 U	410 U	150 J	130 J	710 U
2,4-Dinitrophenol	950 U	1000 U	950 U	2700 U	1700 U
4-Nitrophenol	950 U	1000 U	950 U	2700 U	1700 U
Dibenzofuran	390 U	410 U	95 J	1100 U	140 J
2,4-Dinitrotoluene	390 U	410 U	390 U	1100 U	710 U
Diethyl phthalate	390 U	410 U	390 U	1100 U	710 U
4-Chlorophenyl phenyl ether	390 U	410 U	390 U	1100 U	710 U
Fluorene	390 U	410 U	160 J	160 J	230 J
4-Nitroaniline	950 U	1000 U	950 U	2700 U	1700 U
4,6-Dinitro-2-methylphenol	950 U	1000 U	950 U	2700 U	1700 U
N-Nitrosodiphenylamine(1)	390 U	410 U	390 U	120 J	710 U
4-Bromophenyl phenyl ether	390 U	410 U	390 U	1100 U	710 U
Hexachlorobenzene	390 U	410 U	390 U	1100 U	710 U
Pentachlorophenol	950 U	1000 U	950 U	2700 U	1700 U
Phenanthrene	170 J	410 U	850	900 J	1000
Anthracene	390 U	410 U	200 J	230 J	220 J
Carbazole	390 U	410 U	130 J	1100 U	710 U
Di-n-butyl phthalate	390 U	52 J	390 U	1100 U	710 U
Fluoranthene	240 J	410 U	1500	1000 J	1200
Pyrene	180 J	410 U	850	820 J	860
Butyl benzyl phthalate	270 J	410 U	200 J	290 J	710 U
3,3'-Dichlorobenzidine	390 U	410 U	390 U	1100 U	710 U
Benzo(a)anthracene	140 J	410 U	690	580 J	600 J
Chrysene	130 J	410 U	500	530 J	650 J
bis(2-Ethylhexyl)phthalate	150 J	410 U	680	10000 J	710
Di-n-octyl phthalate	390 U	410 U	390 U	1100 U	710 U
Benzo(b)fluoranthene	160 J	410 U	970	940 J	940 J
Benzo(k)fluoranthene	160 J	410 U	970	940 J	940 J
Benzo(a)pyrene	72 J	410 U	470	450 J	510 J
Indeno(1,2,3-cd)pyrene	390 U	410 U	340 J	1100 U	350 J
Dibenzo(a,h)anthracene	390 U	410 U	90 J	1100 U	172 J
Benzo(g,h,i)perylene	390 U	410 U	280 J	1100 U	350 U

U = NON-DETECT
J = ESTIMATED CONCENTRATION

TABLE G1.2B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-B6-07	09-B7-04	09-B7-06	09-B8-04	09-B8-06
LABORATORY ID:	551361	551265	551266	551410	551411
COMPOUND (µg/Kg)					
Phenol	380 U	400 U	1100 U	810 U	410 U
bis(2-Chloroethyl)ether	380 U	400 U	1100 U	810 U	410 U
2-Chlorophenol	380 U	400 U	1100 U	810 U	410 U
1,3-Dichlorobenzene	380 U	400 U	1100 U	810 U	62 J
1,4-Dichlorobenzene	90 J	97 J	180 J	810 U	110 J
1,2-Dichlorobenzene	380 U	59 J	1100 U	810 U	410 U
2-Methylphenol	380 U	58 J	1100 U	810 U	410 U
2,2'-Oxybis(1-chloropropane)	380 U	400 U	1100 U	810 U	410 U
4-Methylphenol	280 J	200 J	1100 U	810 U	410 U
N-Nitroso-di-n-propylamine	380 U	400 U	1100 U	810 U	410 U
Hexachloroethane	380 U	400 U	1100 U	810 U	410 U
Nitrobenzene	380 U	400 U	1100 U	810 U	410 U
Isophorone	380 U	400 U	1100 U	810 U	410 U
2-Nitrophenol	380 U	400 U	1100 U	810 U	410 U
2,4-Dimethylphenol	380 U	400 U	1100 U	810 U	410 U
bis(2-Chloroethoxy)methane	380 U	400 U	1100 U	810 U	410 U
2,4-Dichlorophenol	380 U	400 U	1100 U	810 U	410 U
1,2,4-Trichlorobenzene	380 U	400 U	1100 U	810 U	410 U
Naphthalene	90 J	1000	1700	1400	120 J
4-Chloroaniline	380 U	400 U	1100 U	810 U	410 U
Hexachlorobutadiene	380 U	400 U	1100 U	810 U	410 U
4-Chloro-3-methylphenol	380 U	400 U	1100 U	810 U	410 U
2-Methylnaphthalene	60 J	3900 J	1300	3300	77 J
Hexachlorocyclopentadiene	380 U	400 U	1100 U	810 U	410 U
2,4,6-Trichlorophenol	380 U	400 U	1100 U	810 U	410 U
2,4,5-Trichlorophenol	920 U	970 U	2600 U	2000 U	990 U
2-Chloronaphthalene	380 U	400 U	1100 U	810 U	410 U
2-Nitroaniline	920 U	970 U	2600 U	2000 U	990 U
Dimethyl phthalate	380 U	400 U	1100 U	810 U	410 U
Acenaphthylene	380 U	400 U	1100 U	810 U	410 U
2,6-Dinitrotoluene	380 U	400 U	1100 U	810 U	410 U
3-Nitroaniline	920 U	970 U	2600 U	2000 U	990 U
Acenaphthene	380 U	290 J	1100 U	220 J	410 U
2,4-Dinitrophenol	920 U	970 U	2600 U	2000 U	990 U
4-Nitrophenol	920 U	970 U	2600 U	2000 U	990 U
Dibenzofuran	47 J	310 J	1100 U	160 J	410 U
2,4-Dinitrotoluene	380 U	400 U	1100 U	810 U	410 U
Diethyl phthalate	380 U	44 J	1100 U	810 U	410 U
4-Chlorophenyl phenyl ether	380 U	400 U	1100 U	810 U	410 U
Fluorene	43 J	370 J	180 J	300 J	410 U
4-Nitroaniline	920 U	970 U	2600 U	2000 U	990 U
4,6-Dinitro-2-methylphenol	920 U	970 U	2600 U	2000 U	990 U
N-Nitrosodiphenylamine(1)	380 U	400 U	1100 U	810 U	410 U
4-Bromophenyl phenyl ether	380 U	400 U	1100 U	810 U	410 U
Hexachlorobenzene	380 U	400 U	1100 U	810 U	410 U
Pentachlorophenol	920 U	970 U	2600 U	2000 U	990 U
Phenanthrene	150 J	2000	1100 UJ	1100	410 U
Anthracene	39 J	420	540 J	290 J	410 U
Carbazole	380 U	270 J	1100 U	230 J	410 U
Di-n-butyl phthalate	53 J	390 J	350 J	380 J	410 U
Fluoranthene	180 J	2700	130 J	1500	410 U
Pyrene	170 J	1500	110 J	900	410 U
Butyl benzyl phthalate	380 U	160 J	1100 U	810 U	410 U
3,3'-Dichlorobenzidine	380 U	400 U	1100 U	810 U	410 U
Benzo(a)anthracene	140 J	1100	1100 U	640 J	410 U
Chrysene	150 J	1200	1100 U	640 J	410 U
bis(2-Ethylhexyl)phthalate	910	2800	1100	5600 U	97 J
Di-n-octyl phthalate	380 U	400 U	1100 U	810 U	410 U
Benzo(b)fluoranthene	310 J	1900 J	1100 U	1300 J	410 U
Benzo(k)fluoranthene	310 J	1900 J	1100 U	1300 J	410 U
Benzo(a)pyrene	100 J	610	1100 U	520 J	410 U
Indeno(1,2,3-cd)pyrene	100 J	400 U	1100 U	170 J	410 U
Dibenzo(a,h)anthracene	380 U	400 U	1100 U	810 U	410 U
Benzo(g,h,i)perylene	96 J	400 U	1100 U	810 U	410 U

U = NON-DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW5-04	09-MW5-06	09-MW6-08	09-MW7-02	09-MW7-06
LABORATORY ID:	554385	554386	555206	552521	552523
COMPOUND (µg/Kg)					
Phenol	7300 U	23000 R	4000	1700 U	350 U
bis(2-Chloroethyl)ether	7300 U	23000 R	410 U	1700 U	350 U
2-Chlorophenol	7300 U	23000 R	410 U	1700 U	350 U
1,3-Dichlorobenzene	7300 U	23000 R	410 U	1700 U	350 U
1,4-Dichlorobenzene	7300 U	23000 R	42 J	1700 U	350 U
1,2-Dichlorobenzene	7300 U	23000 R	410 U	1700 U	350 U
2-Methylphenol	7300 U	23000 R	50 J	1700 U	350 U
2,2'-Oxybis(1-chloropropane)	7300 UJ	23000 R	410 UJ	1700 U	350 U
4-Methylphenol	7300 U	2300 J	180 J	1700 U	350 U
N-Nitroso-di-n-propylamine	7300 U	23000 R	410 U	1700 U	350 U
Hexachloroethane	7300 U	23000 R	410 U	1700 U	350 U
Nitrobenzene	7300 U	23000 R	410 U	1700 U	350 U
Isophorone	7300 U	23000 R	410 U	1700 U	350 U
2-Nitrophenol	7300 U	23000 R	410 U	1700 U	350 U
2,4-Dimethylphenol	7300 U	4800 J	410 U	1700 U	350 U
bis(2-Chloroethoxy)methane	7300 U	23000 R	410 U	1700 U	350 U
2,4-Dichlorophenol	7300 U	23000 R	410 U	1700 U	350 U
1,2,4-Trichlorobenzene	7300 U	23000 R	410 U	1700 U	350 U
Naphthalene	2500 J	260000 J	1200	190 J	80 J
4-Chloroaniline	7300 U	23000 R	410 U	1700 U	350 U
Hexachlorobutadiene	7300 U	23000 R	410 U	1700 U	350 U
4-Chloro-3-methylphenol	7300 U	23000 R	410 U	1700 U	350 U
2-Methylnaphthalene	1100 J	78000 J	210 J	1200 J	54 J
Hexachlorocyclopentadiene	7300 U	23000 R	410 U	1700 U	350 U
2,4,6-Trichlorophenol	7300 U	23000 R	410 U	1700 U	350 U
2,4,5-Trichlorophenol	18000 U	56000 R	990 U	4200 U	860 U
2-Chloronaphthalene	7300 U	23000 R	410 U	1700 U	350 U
2-Nitroaniline	18000 U	56000 R	990 U	4200 U	860 U
Dimethyl phthalate	7300 U	23000 R	410 U	1700 U	2400
Acenaphthylene	7300 U	3000 J	67 J	1700 U	350 U
2,6-Dinitrotoluene	7300 U	23000 R	410 U	1700 U	350 U
3-Nitroaniline	18000 U	56000 R	990 U	4200 U	860 U
Acenaphthene	4600 J	150000 J	670	1700 U	350 U
2,4-Dinitrophenol	18000 U	56000 R	990 U	4200 U	860 U
4-Nitrophenol	18000 U	56000 R	990 U	4200 U	860 U
Dibenzofuran	2800 J	120000 J	290 J	1700 U	350 U
2,4-Dinitrotoluene	7300 U	23000 R	410 U	1700 U	350 U
Diethyl phthalate	7300 U	23000 R	4300	1700 U	350 U
4-Chlorophenyl phenyl ether	7300 U	23000 R	410 U	1700 U	350 U
Fluorene	5400 J	270000 J	970	290 J	39 J
4-Nitroaniline	18000 U	56000 R	990 U	4200 U	860 U
4,6-Dinitro-2-methylphenol	18000 U	56000 R	990 U	4200 U	860 U
N-Nitrosodiphenylamine(1)	7300 U	23000 R	410 U	1700 U	350 U
4-Bromophenyl phenyl ether	7300 U	23000 R	410 U	1700 U	350 U
Hexachlorobenzene	7300 U	23000 R	410 U	1700 U	350 U
Pentachlorophenol	18000 U	56000 R	990 U	4200 U	860 U
Phenanthrene	40000	1200000 J	2600	810 J	160 J
Anthracene	9000	340000 J	370 J	260 J	350 U
Carbazole	5500 J	160000 J	90 J	1700 U	350 U
Di-n-butyl phthalate	7300 U	23000 R	120 J	1700 U	410
Fluoranthene	45000	1000000 J	4400	480 J	300 J
Pyrene	38000	660000 J	2700	440 J	180 J
Butyl benzyl phthalate	7300 U	23000 R	13000	310 J	120 J
3,3'-Dichlorobenzidine	7300 UJ	23000 R	410 UJ	1700 U	350 U
Benzo(a)anthracene	21000	420000 J	1100	250 J	110 J
Chrysene	17000	320000 J	500	310 J	140 J
bis(2-Ethylhexyl)phthalate	7300 U	23000 R	1500 J	340 J	1200
Di-n-octyl phthalate	7300 U	23000 R	410 U	1700 U	75 J
Benzo(b)fluoranthene	31000	490000 J	820	1700 U	280 J
Benzo(k)fluoranthene	31000	490000 J	820	1700 U	280 J
Benzo(a)pyrene	14000	150000 J	340 J	1700 U	110 J
Indeno(1,2,3-cd)pyrene	8900	79000 J	170 J	1700 U	350 U
Dibenzo(a,h)anthracene	2800 J	29000 J	43 J	1700 U	350 U
Benzo(g,h,i)perylene	9800	86000 J	310 J	1700 U	350 U

U = NON-DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED
R = DATA REJECTED

TABLE G1.2B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW8-04	09-MW8-06	09-MW9-08	09-MW10-09	09-MW1105	09-MW12-03
LABORATORY ID:	552896	552894	556059	551560	554676	569338
COMPOUND (µg/Kg)						
Phenol	470 U	390 U	70 J	410 U	3800 U	430 U
bis(2-Chloroethyl)ether	470 U	390 U	400 U	410 U	3800 U	430 U
2-Chlorophenol	470 U	390 U	400 U	410 U	3800 U	430 U
1,3-Dichlorobenzene	470 U	390 U	400 U	410 U	3800 U	430 U
1,4-Dichlorobenzene	470 U	390 U	400 U	110 J	3800 U	430 U
1,2-Dichlorobenzene	470 U	390 U	400 U	410 U	3800 U	430 U
2-Methylphenol	470 U	390 U	400 U	410 U	3800 U	430 U
2,2'-Oxybis(1-chloropropane)	65 J	390 U	400 U	410 U	3800 UJ	430 U
4-Methylphenol	470 U	390 U	190 J	100 J	3800 U	430 U
N-Nitroso-di-n-propylamine	470 U	390 U	400 U	410 U	3800 U	430 U
Hexachloroethane	470 U	390 U	400 U	410 U	3800 U	430 U
Nitrobenzene	470 U	390 U	400 U	410 U	3800 U	430 U
Isophorone	470 U	390 U	400 U	410 U	3800 U	430 U
2-Nitrophenol	470 U	390 U	400 U	410 U	3800 U	430 U
2,4-Dimethylphenol	470 U	41 J	400 U	410 U	3800 U	430 U
bis(2-Chloroethoxy)methane	470 U	390 U	400 U	410 U	3800 U	430 U
2,4-Dichlorophenol	470 U	390 U	400 U	410 U	3800 U	430 U
1,2,4-Trichlorobenzene	470 U	390 U	400 U	410 U	3800 U	430 U
Naphthalene	470 U	200 J	120 J	90 J	19000	430 U
4-Chloroaniline	470 U	390 U	400 U	410 U	3800 U	430 U
Hexachlorobutadiene	470 U	390 U	400 U	410 U	3800 U	430 U
4-Chloro-3-methylphenol	470 U	390 U	400 U	410 U	3800 U	430 U
2-Methylnaphthalene	470 U	390 U	69 J	44 J	5000	430 U
Hexachlorocyclopentadiene	470 U	390 U	400 U	410 U	3800 U	430 U
2,4,6-Trichlorophenol	470 U	390 U	400 U	410 U	3800 U	430 U
2,4,5-Trichlorophenol	1100 U	950 U	980 U	1000 U	9200 U	1000 U
2-Chloronaphthalene	470 U	390 U	400 U	410 U	3800 U	430 U
2-Nitroaniline	1100 U	950 U	980 U	1000 U	9200 U	1000 U
Dimethyl phthalate	470 U	390 U	400 U	410 U	3800 U	430 U
Acenaphthylene	51 J	390 U	400 U	410 U	3800 U	430 U
2,6-Dinitrotoluene	470 U	390 U	400 U	410 U	3800 U	430 U
3-Nitroaniline	1100 U	950 U	980 U	1000 U	9200 U	1000 U
Acenaphthene	470 U	390 U	490	110 J	17000	430 U
2,4-Dinitrophenol	1100 U	950 U	980 U	1000 U	9200 U	1000 UJ
4-Nitrophenol	1100 U	950 U	980 U	1000 U	9200 U	1000 U
Dibenzofuran	470 U	390 U	360 J	51 J	12000	430 U
2,4-Dinitrotoluene	470 U	390 U	400 U	410 U	3800 U	430 U
Diethyl phthalate	470 U	58 J	400 U	51 J	3800 U	430 U
4-Chlorophenyl phenyl ether	470 U	390 U	400 U	410 U	3800 U	430 U
Fluorene	470 U	390 U	680	130 J	18000	430 U
4-Nitroaniline	1100 U	950 U	980 U	1000 U	9200 U	1000 U
4,6-Dinitro-2-methylphenol	1100 U	950 U	980 U	1000 U	9200 U	1000 U
N-Nitrosodiphenylamine(1)	470 U	390 U	400 U	410 U	3800 U	430 U
4-Bromophenyl phenyl ether	470 U	390 U	400 U	410 U	3800 U	430 U
Hexachlorobenzene	470 U	390 U	400 U	410 U	3800 U	430 U
Pentachlorophenol	1100 U	950 U	980 U	1000 U	9200 U	1000 U
Phenanthrene	630	260 J	6600 J	570	110000	430 U
Anthracene	150 J	64 J	1300	130 J	23000	430 U
Carbazole	66 J	41 J	900	60 J	10000 J	430 U
Di-n-butyl phthalate	470 U	950 U	60 J	58 J	3800 U	430 U
Fluoranthene	1200	520	7700 J	950	94000	430 U
Pyrene	990	480	4200 J	560	81000	430 U
Butyl benzyl phthalate	58 J	390 U	64 J	410 U	3800 U	430 U
3,3'-Dichlorobenzidine	470 U	390 U	400 U	410 U	3800 UJ	430 U
Benzo(a)anthracene	960	460	2100	380 J	41000	430 U
Chrysene	960	380 J	1500	390 J	21000	430 U
bis(2-Ethylhexyl)phthalate	510	620	760 J	500	3900 U	430 U
Di-n-octyl phthalate	470 U	390 U	400 U	410 U	3800 U	430 U
Benzo(b)fluoranthene	1200	700	6100 J	710	41000	430 U
Benzo(k)fluoranthene	1200	700	6100 J	710	41000	430 U
Benzo(a)pyrene	590	350 J	2400	290 J	22000	430 U
Indeno(1,2,3-cd)pyrene	270 J	250 J	520	110 J	15000	430 U
Dibenzo(a,h)anthracene	470 U	64 J	240 J	410 U	6400	430 U
Benzo(g,h,i)perylene	210 J	210 J	570	42 J	15000	430 U

U = NON-DETECT
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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09-B1-07	09-B2-03	09-B3-03	09-B4-05	09-B5-06	09-B6-07	09-B7-04	09-B7-06
LABORATORY ID:	552519	551413	552575 D20	551268	551369	551361 D50	551265 D50	551266 D50
COMPOUND (μg/Kg)								
Alpha-BHC	2 U	2.1 U	0.98 J	2 U	1.8 UJ	9.8 UJ	10 U	9.2 U
Beta-BHC	2 U	2.1 U	3.8 U	2 U	1.8 UJ	9.8 UJ	10 U	9.2 U
Delta-BHC	2 U	2.1 U	3.8 U	0.063 J	0.25 J	9.8 UJ	10 U	9.2 U
Gamma-BHC (Lindane)	2 U	2.1 U	3.8 U	2 U	1.8 UJ	9.8 UJ	10 U	9.2 U
Heptachlor	2 U	2.1 U	3.8 U	2 U	1.8 UJ	9.8 UJ	10 U	9.2 U
Aldrin	2 U	2.1 U	3.8 U	2 U	1.8 UJ	9.8 UJ	2.9 J	0.31 J
Heptachlor epoxide	2 U	2.1 U	3.8 U	2 U	1.8 UJ	9.8 UJ	10 U	0.52 J
Endosulfan I	2 U	2.1 U	3.8 U	2 U	1.7 J	1.9 J	2.9 J	9.2 U
Dieldrin	3.9 U	4.2 U	7.5 U	0.36 J	0.76 J	19 UJ	12 J	18 U
4,4'-DDE	0.19 J	4.2 U	890 J	2.5 J	15 UJ	7.5 J	11 J	18 U
Endrin	3.9 U	4.2 U	7.5 U	1.4 J	3.6 UJ	19 UJ	20 U	0.85 J
Endosulfan II	3.9 U	4.2 U	7.5 U	0.4 J	3.6 UJ	19 UJ	20 U	18 U
4,4'-DDD	0.47 J	4.2 U	17	9.2 J	140 J	45 J	23 J	1 J
Endosulfan sulfate	3.9 U	4.2 U	7.5 U	3.8 U	3.6 UJ	19 UJ	20 U	4.2 J
4,4'-DDT	3.9 U	4.2 U	17 J	5.7	4.9 J	19 UJ	20 U	18 U
p,p'-Methoxychlor	20 U	21 U	38 U	20 U	18 UJ	98 UJ	100 U	92 U
Endrin ketone	3.9 U	4.2 U	7.5 U	3.5 J	3.6 UJ	19 UJ	20 U	18 U
Endrin aldehyde	3.9 U	4.2 U	7.5 U	3.8 U	3.6 UJ	19 UJ	20 U	2.1 J
Alpha chlordane	0.74 J	2.1 U	13 J	2.2 J	1.2 J	9.8 UJ	1.5 J	39
Gamma chlordane	2 U	2.1 U	0.85 J	1.7 J	2.1 J	0.66 J	3.2 J	36 J
Toxaphene	200 U	210 U	380 U	200 U	180 UJ	980 UJ	1000 U	920 U
PCB-1016	39 U	42 U	75 U	38 U	36 UJ	190 UJ	200 U	180 U
PCB-1221	79 U	84 U	150 U	77 U	73 UJ	390 UJ	410 U	360 U
PCB-1232	39 U	42 U	75 U	38 U	36 UJ	190 UJ	200 U	180 U
PCB-1242	39 U	42 U	75 U	38 U	36 UJ	190 UJ	200 U	180 U
PCB-1248	39 U	42 U	75 U	38 U	36 UJ	190 UJ	200 U	180 U
PCB-1254	39 U	42 U	75 U	38 U	36 UJ	190 UJ	200 U	180 U
PCB-1260	39 U	42 U	75 U	38 U	92 J	990 J	1700	180 U

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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09–B8–04	09–B8–06	09–MW5–04	09–MW5–06	09–MW6–08	09–MW7–02	09–MW7–06	09–MW8–04
LABORATORY ID:	551410 D50	551411	554385 D50	554386 D11	555206 D50	552521	552523	552896 D50
COMPOUND (μg/Kg)								
Alpha–BHC	10 U	2.1 U	0.11 J	0.75 J	11 UJ	0.31 J	1.8 U	12 U
Beta–BHC	10 U	2.1 U	9.4 U	20 U	31 J	0.44 J	1.8 U	12 U
Delta–BHC	10 U	2.1 U	9.4 U	20 U	11 UJ	1.8 U	1.8 U	12 U
Gamma–BHC (Lindane)	10 U	2.1 U	9.4 U	20 U	11 UJ	1.8 U	1.8 U	12 U
Heptachlor	10 U	2.1 U	9.4 U	20 U	0.98 J	0.2 J	1.8 U	12 U
Aldrin	10 U	2.1 U	2.4 J	20 U	26 J	3.6 J	1.8 U	2.7 J
Heptachlor epoxide	10 U	2.1 U	9.4 U	20 U	11 UJ	1.8 U	3.6 J	2.4 J
Endosulfan I	10 U	2.1 U	9.4 U	20 U	11 UJ	1.8 U	1.8 U	12 U
Dieldrin	20 U	4.1 U	0.45 J	38 J	21 UJ	3.5 U	3.6 U	23 U
4,4'–DDE	71	4.1 U	18 U	39 U	57 J	0.69 J	38 J	31
Endrin	20 U	0.34 J	18 U	97 J	5.5 J	3.5 U	3.6 U	1.7 J
Endosulfan II	72 J	4.1 U	18 U	39 U	35 J	3.5 U	3.6 U	23 U
4,4'–DDD	320	0.16 J	110 J	620 J	21 UJ	3.5 U	430	150 J
Endosulfan sulfate	20 U	4.1 U	18 U	39 U	21 UJ	3.5 U	3.6 U	23 U
4,4'–DDT	66 J	0.15 J	66	39 U	21 UJ	3.5 U	14 J	23 U
p,p'–Methoxychlor	8 J	21 U	94 U	200 U	1.4 J	18 U	18 U	120 U
Endrin ketone	20 U	4.1 U	18 U	39 U	21 UJ	3.5 U	3.6 U	23 U
Endrin aldehyde	20 U	4.1 U	18 U	9.5 J	26 J	3.5 U	3.6 U	23 U
Alpha chlordane	10 U	2.1 U	10 J	20 J	11 UJ	2.7 J	0.22 J	12 U
Gamma chlordane	10 U	2.1 U	5.9 J	2.6 J	3.1 J	7.6 J	0.3 J	12 U
Toxaphene	1000 U	210 U	940 U	2000 U	1100 UJ	180 U	180 U	1200 U
PCB–1016	200 U	41 U	180 U	390 U	210 UJ	35 U	36 U	230 U
PCB–1221	410 U	83 U	370 U	790 U	420 UJ	71 U	73 U	470 U
PCB–1232	200 U	41 U	180 U	390 U	210 UJ	35 U	36 U	230 U
PCB–1242	200 U	41 U	180 U	390 U	210 UJ	35 U	36 U	230 U
PCB–1248	200 U	41 U	180 U	390 U	210 UJ	35 U	36 U	230 U
PCB–1254	200 U	41 U	180 U	390 U	3400 J	35 U	36 U	230 U
PCB–1260	1500	41 U	770	390 U	210 UJ	570	500 J	200 J

U = NON–DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09–MW8–06	09–MW9–08	09–MW10–09	09–MW11–05	09–MW12–03
LABORATORY ID:	552894 D50	556059	551560	554676	569338
COMPOUND (μg/Kg)					
Alpha–BHC	9.9 U	2.1 UJ	2.1 U	0.089 J	2.2 U
Beta–BHC	9.9 U	2.1 UJ	2.1 U	2 UJ	2.2 U
Delta–BHC	9.9 U	2.1 UJ	0.38 J	2 UJ	2.2 U
Gamma–BHC (Lindane)	9.9 U	2.1 UJ	2.1 U	2 UJ	2.2 U
Heptachlor	9.9 U	0.67 J	0.16 J	2 UJ	2.2 U
Aldrin	9.9 U	2.1 UJ	0.26 J	2 UJ	2.2 U
Heptachlor epoxide	9.9 U	2.1 UJ	2.1 J	2 UJ	2.2 U
Endosulfan I	9.9 U	2 J	0.58 J	2 UJ	2.2 U
Dieldrin	19 U	4 UJ	4.1 U	7.6 J	4.3 U
4,4'–DDE	72 J	4 UJ	4.1 U	3.8 UJ	4.3 UJ
Endrin	19 U	3 J	4.1 U	3.8 UJ	4.3 U
Endosulfan II	19 U	2.3 J	4.1 U	3.8 UJ	4.3 U
4,4'–DDD	270 J	30 J	12	3.8 UJ	4.3 U
Endosulfan sulfate	19 U	4 UJ	4.1 U	3.8 UJ	4.3 U
4,4'–DDT	4.2 J	14 J	4.1 U	14 J	4.3 U
p,p'–Methoxychlor	99 U	6.3 J	21 U	20 UJ	22 UJ
Endrin ketone	19 U	4 UJ	4.1 U	3.8 UJ	4.3 U
Endrin aldehyde	19 U	11 J	4.1 U	3.8 UJ	4.3 U
Alpha chlordane	9.9 U	2.1 UJ	2.1 U	2.1 J	2.2 U
Gamma chlordane	2.5 J	0.7 J	0.35 J	0.34 J	2.2 U
Toxaphene	990 U	210 UJ	210 U	200 UJ	220 U
PCB–1016	190 U	40 UJ	41 U	38 UJ	43 U
PCB–1221	390 U	82 UJ	84 U	77 UJ	88 U
PCB–1232	190 U	40 UJ	41 U	38 UJ	43 U
PCB–1242	190 U	40 UJ	41 U	38 UJ	43 U
PCB–1248	190 U	40 UJ	41 U	38 UJ	43 U
PCB–1254	190 U	40 UJ	41 U	38 UJ	43 U
PCB–1260	120 J	40 UJ	22 J	130 J	43 U

U = NON–DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09-B1-07	09-B2-03	09-B3-03	09-B4-05	09-B5-06	09-B6-07	09-B7-04	09-B7-06
LABORATORY ID:	552530	551418	552576	551273	551374	551371	551270	551271
ANALYTE (mg/Kg)								
Aluminum	10900	3060	6330	6730	3970	10300	11300	4890
Antimony	11 UJ	11.7 UJ	11 UJ	10.6 UJ	10 UJ	18.9 J	33.4 J	10 UJ
Arsenic	2 J	2.4	2.5 J	9.7	2.1	17.2	7.3	2
Barium	24.2	9.1	39.3	26.7	39.4	258	248	15.9
Beryllium	0.48	0.51 U	0.48 U	0.46 U	0.52	5.4	0.89	0.44 U
Cadmium	0.1	0.31 J	6.4 J	9.1 J	6.1 J	14.3 J	14.5 J	0.1 J
Calcium	568	347	3240	1090	2510	7480	12700	526
Chromium	12.6 J	4.2	20.8 J	16.5	13.3	169	49.4	6.1
Cobalt	5.4	2.6	5.6	4.2	4.4	73	15	4
Copper	17.6 J	7.4	76.5 J	17.5	52.8	1560	232	9
Iron	16600	8920	14200	12800	14400	77000	29400	11300
Lead	7.5	9.9	89.6 J	34.3 J	90.8 J	839 J	2130 J	10.5
Magnesium	3220	1190	1790	1170	1410	3430	5990	1510
Manganese	142 J	72 J	149 J	97.7 J	136 J	554 J	473 J	120 J
Mercury	3.7	0.13 U	0.12 U	0.14	0.13	191	0.42	0.11 U
Nickel	13.1	7.9 U	11.5	10.1	12.8	181	48.4	6.8 U
Potassium	767	569 U	547	879	877	1080	1620	487 U
Selenium	0.72 UJ	0.76 UJ	0.71 UJ	0.69 UJ	0.65 UJ	2 J	0.73 UJ	0.65 UJ
Silver	0.14 J	0.2 UJ	0.62 J	0.15 UJ	0.88 J	5.3 J	5.5 J	0.18 UJ
Sodium	100	158 U	122	198 U	149 U	1030	2640	163 U
Thallium	0.95 U	1 U	0.95 U	0.92 U	0.87 U	0.93 U	0.98 UJ	0.87 U
Vanadium	16.9	19.2	12.6	9.6	17.2	45.8	47.6	6.7
Zinc	38.1 J	19.5	229 J	104	298	6700	3080	24.7
Cyanide	0.59 UJ	0.63 U	0.59 UJ	0.57 U	0.54 U	0.58 U	0.61 U	0.54 U

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09–B8–04	09–B8–06	09–MW5–04	09–MW5–06	09–MW6–08	09–MW7–02	09–MW7–06	09–MW8–04
LABORATORY ID:	551415	551416	554397	554398	555209	552533	552535	552897
ANALYTE (mg/Kg)								
Aluminum	3310	4880	6240	5700	14800	5610	4720	18300
Antimony	11.3 UJ	11.5 UJ	8 UJ	8.6 UJ	46.8 J	9.8 UJ	10 UJ	89.8 J
Arsenic	4.6	0.75 U	4.6	5.3	13.5	0.87 J	2.8 J	13.6 J
Barium	25	8.9	81.9	60.6	643	106	80.7	582
Beryllium	0.84	0.5 U	3.6	0.51	0.5	5.6	0.43 U	2.9
Cadmium	6.6 J	0.025 UJ	7.2 J	10.5 J	45.2 J	0.28	2.7	56.3
Calcium	1590	289	21500	3910	12200	3070	1940	7710
Chromium	20.5	7.2	24.9 J	34.8 J	122 J	79.8 J	15.9 J	154 J
Cobalt	7.4	3.7	21.4	10.7	29.2	26.4	4.7	22.6
Copper	84.9	6.2 U	333	911	1070	736 J	71.3 J	1130 J
Iron	6850	5390	21800 J	38000 J	143000 J	23100	13200	156000
Lead	67.3 J	3.9	271	133	933	573 J	106 J	1310 J
Magnesium	594	1330	1770	2580	9230	1700	1360	2430
Manganese	62.3 J	51.7 J	252 J	287 J	1120 J	258 J	150 J	1270 J
Mercury	0.16	0.12 U	0.41	0.44	0.81	0.11 U	1.6	1.7
Nickel	16.2	7.7 U	74.5	21.1	159	212	13.1	227
Potassium	550 U	557 U	543	889	998	586	547	745
Selenium	0.74 UJ	0.75 UJ	0.66 UJ	0.72 UJ	0.75 UJ	0.64 UJ	0.65 UJ	0.85 UJ
Silver	1.4 J	0.05 UJ	1.1 J	0.81	4.3 J	0.29 J	4.6 J	34.9 J
Sodium	307 U	166 U	331	165	468	465	140	681
Thallium	0.98 U	1 U	0.88 UJ	0.95 UJ	1 UJ	0.85 UJ	0.87 U	1.1 U
Vanadium	16.8	6.5	14.8 J	4.7	19 J	15.6	32	823
Zinc	582	17.4	1640	627	3060	2360 J	236 J	2780 J
Cyanide	0.61 U	0.62 U	0.55 U	0.6 U	0.62 U	0.53 UJ	0.54 UJ	0.71 UJ

U = NON–DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.2D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09-MW8-06	09-MW9-08	09-MW10-9	09-MW1105	09-MW12-03
LABORATORY ID:	552895	556065	551571	554677	569346
ANALYTE (mg/Kg)					
Aluminum	8660	9150	8110	7600	3500 J
Antimony	38.8 J	26.5 J	13.9 J	8.4 UJ	9.2 UJ
Arsenic	5.9 J	7	13 J	2.2	1.6
Barium	257	173	101	47	5.2
Beryllium	1.4	0.91	0.51 U	1.5	0.3
Cadmium	65.7	26.1	21.3	23 J	0.026
Calcium	9240	16000 J	4960	4600	421
Chromium	117 J	73.8 J	53 J	21.7 J	4.7
Cobalt	11.3	12.7	10.3	8.7	2.5
Copper	827 J	1240 J	753 J	413	8.5
Iron	71600	154000 J	37600	12700 J	8350 J
Lead	1250 J	656	1260 J	250	3.4
Magnesium	2110	2430	2980	1160	1040 J
Manganese	616 J	929 J	265 J	187 J	58.2 J
Mercury	3.8	0.55	0.38	0.27	0.13
Nickel	79.3	88.6 J	35	34.5	5.9
Potassium	582	853	724	518	334 U
Selenium	0.72 UJ	0.74 R	3.8 UJ	0.7 UJ	0.79 R
Silver	0.4 J	7.5	4.2 J	2.5 J	0.053 UJ
Sodium	407	313	248	244	41.5
Thallium	0.97 U	0.98 U	1 UJ	0.93 UJ	0.79 UJ
Vanadium	333	36.3	14.2	35.1 J	4.5
Zinc	1710 J	1950	2430 J	837	30.4
Cyanide	1.1 J	0.61 U	0.91 J	0.58 U	0.66 U

U = NON-DETECT
J = ESTIMATED CONCENTRATION
UJ = DETECTION LIMIT ESTIMATED
R = ANALYTE REJECTED

TABLE G1.2F

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF ORGANIC CARBON CONTENT

CLIENT ID:	09–MW6–12	09–MW6–31	09–MW9–12
LABORATORY ID:	555216	555217	557257
TOC (mg/Kg)	13600	13400	9450

TABLE G1.2G

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
SUBSURFACE SOIL SAMPLES
SUMMARY OF DIOXIN/FURAN COMPOUNDS

CLIENT ID:	09–M10–09
LABORATORY ID:	
COMPOUND (μg/Kg)	
2,3,7,8–TCDD	0.072 U
1,2,3,7,8–PeCDD	0.13 U
1,2,3,4,7,8–HxCDD	0.21 U
1,2,3,6,7,8–HxCDD	0.1 U
1,2,3,7,8,9–HxCDD	0.18 U
1,2,3,4,6,7,8–HpCDD	1.32
OCDD	5.33
2,3,7,8–TCDF	0.364
1,2,3,7,8–PeCDF	0.099 U
2,3,4,7,8–PeCDF	0.1 U
1,2,3,4,7,8–HxCDF	0.275
1,2,3,6,7,8–HxCDF	0.09 U
2,3,4,6,7,8–HxCDF	0.17 U
1,2,3,7,8,9–HxCDF	0.22 U
1,2,3,4,6,7,8–HpCDF	0.507
1,2,3,4,7,8,9–HpCDF	0.18 U
OCDF	0.34 U

U = NON–DETECT

TABLE G1.3A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW1S	09-MW2S	09-MW3D	09-MW4S	09-MW5S	09-MW6S	09-MW6D
LABORATORY ID:	567001	567040	567004	566997	567002	566235	566232
COMPOUND (µg/L)							
Chloromethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Bromomethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Vinyl chloride	10 U	10 U	12	10 U	10 U	62 U	10 U
Chloroethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Methylene chloride	10 U	10 U	10 U	10 U	10 U	66 U	10 U
Acetone	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Carbon disulfide	10 U	10 U	10 U	10 U	10 U	62 U	10 U
1,1-Dichloroethene	10 U	10 U	10 U	10 U	10 U	62 U	10 U
1,1-Dichloroethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
1,2-Dichloroethene(Total)	10 U	2 J	110	10 U	4 J	510	10 U
Chloroform	10 U	10 U	10 U	10 U	10 U	62 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
2-Butanone	10 U	10 U	10 U	10 U	10 U	62 U	10 U
1,1,1-Trichloroethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Carbon tetrachloride	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Bromodichloromethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
1,2-Dichloropropane	10 U	10 U	10 U	10 U	10 U	940	10 U
Cis-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Trichloroethene	10 U	10 U	10 U	10 U	10 U	74	10 U
Dibromochloromethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Benzene	10 U	7 J	10 U	10 U	3 J	62 U	10 U
Trans-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Bromoform	10 U	10 U	10 U	10 U	10 U	62 U	10 U
4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U	62 U	10 U
2-Hexanone	10 U	10 U	10 U	10 U	10 U	62 U	10 UJ
Tetrachloroethene	10 U	10 U	10 U	10 U	10 U	670	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Toluene	10 U	3 J	10 U	10 U	28	62 U	10 U
Chlorobenzene	10 U	85	10 U	10 U	1 J	62 U	10 U
Ethylbenzene	10 U	87	10 U	10 U	9 J	62 U	10 U
Styrene	10 U	10 U	10 U	10 U	10 U	62 U	10 U
Xylenes (Total)	10 U	190	10 U	10 U	27	62 U	10 U

U = NON-DETECT
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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW7S	09-MW15S	09-MW7D	09-MW8S	09-MW8D	09-MW9S	09-MW9D
LABORATORY ID:	567035	567025	566243	566242	567036	566238	566244
		DUP OF MW7S					
COMPOUND (µg/L)							
Chloromethane	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Bromomethane	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Vinyl chloride	3 J	4 J	7000	25	10 U	10 U	5 J
Chloroethane	10 U	10 U	1700 U	5 J	10 U	10 U	17 U
Methylene chloride	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Acetone	10 U	10 U	3000	10 U	10 U	10 U	17 U
Carbon disulfide	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
1,1-Dichloroethene	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
1,1-Dichloroethane	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
1,2-Dichloroethene(Total)	3 J	3 J	28000	11	4 J	1 J	280
Chloroform	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
1,2-Dichloroethane	10 U	10 U	320 J	10 U	2 J	10 U	17 U
2-Butanone	10 U	10 U	4500	10 U	10 U	10 U	17 U
1,1,1-Trichloroethane	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Carbon tetrachloride	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Bromodichloromethane	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
1,2-Dichloropropane	10 U	10 U	230 J	10 U	2 J	10 U	17 U
Cis-1,3-Dichloropropene	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Trichloroethene	10 U	10 U	1200 J	10 U	10 U	3 J	56
Dibromochloromethane	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
1,1,2-Trichloroethane	10 U	10 U	1700 U	10 U	10 U	10 U	48
Benzene	11	10	1700 U	2 J	10 U	1 J	17 U
Trans-1,3-Dichloropropene	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Bromoform	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
4-Methyl-2-pentanone	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
2-Hexanone	10 U	10 U	1700 U	10 UJ	10 U	10 UJ	17 UJ
Tetrachloroethene	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
1,1,2,2-Tetrachloroethane	10 U	10 U	1700 U	10 U	10 U	10 U	9 J
Toluene	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Chlorobenzene	10 U	10 U	1700 U	10 U	2 J	10 U	17 U
Ethylbenzene	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Styrene	10 U	10 U	1700 U	10 U	10 U	10 U	17 U
Xylenes (Total)	3 J	3 J	1700 U	10 U	10 U	10 U	17 U

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09–MW10S	09–MW10D	09–MW11S	09–MW12D	09–MW13S	09–MW13D
LABORATORY ID:	567003	567005	567000	574044	567266	567264
COMPOUND (μg/L)						
Chloromethane	10 U	10 U	33 U	10 U	10 U	10 U
Bromomethane	10 U	10 U	33 U	10 U	10 U	10 U
Vinyl chloride	10 U	10 U	33 U	10 U	10 U	10 U
Chloroethane	10 U	10 U	33 U	10 U	10 U	10 U
Methylene chloride	10 U	10 U	33 U	10 U	10 U	10 U
Acetone	10 U	10 U	33 U	10 UJ	10 U	10 U
Carbon disulfide	10 U	10 U	33 U	10 U	10 U	10 U
1,1–Dichloroethene	10 U	10 U	33 U	10 U	10 U	10 U
1,1–Dichloroethane	10 U	10 U	33 U	10 U	10 U	10 U
1,2–Dichloroethene(Total)	10 U	10 U	33 U	10 U	10 U	2 J
Chloroform	10 U	10 U	33 U	10 U	10 U	10 U
1,2–Dichloroethane	10 U	10 U	33 U	10 U	10 U	10 U
2–Butanone	10 U	10 U	33 U	10 U	10 U	10 U
1,1,1–Trichloroethane	10 U	10 U	33 U	10 U	10 U	10 U
Carbon tetrachloride	10 U	10 U	33 U	10 U	10 U	10 U
Bromodichloromethane	10 U	10 U	33 U	10 U	10 U	10 U
1,2–Dichloropropane	10 U	10 U	33 U	10 U	10 U	10 U
Cis–1,3–Dichloropropene	10 U	10 U	33 U	10 U	10 U	10 U
Trichloroethene	10 U	10 U	33 U	10 U	10 U	10 U
Dibromochloromethane	10 U	10 U	33 U	10 U	10 U	10 U
1,1,2–Trichloroethane	10 U	10 U	33 U	10 U	10 U	10 U
Benzene	10 U	10 U	9 J	10 U	10 U	10 U
Trans–1,3–Dichloropropene	10 U	10 U	33 U	10 U	10 U	10 U
Bromoform	10 U	10 U	33 U	10 U	10 U	10 U
4–Methyl–2–pentanone	10 U	10 U	33 U	10 U	10 U	10 U
2–Hexanone	10 U	10 U	33 U	10 U	10 U	10 U
Tetrachloroethene	10 U	10 U	33 U	10 U	10 U	10 U
1,1,2,2–Tetrachloroethane	10 U	10 U	33 U	10 U	10 U	10 U
Toluene	10 U	10 U	33 U	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	620	10 U	10 U	10 U
Ethylbenzene	10 U	10 U	33 U	10 U	10 U	10 U
Styrene	10 U	10 U	33 U	10 U	10 U	10 U
Xylenes (Total)	10 U	10 U	33 U	10 U	10 U	10 U

U = NON–DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW1S	09-MW2S	09-MW3D	09-MW4S	09-MW5S
LABORATORY ID:	567001	567040	567004	566997	567002
COMPOUND (µg/L)					
Phenol	10 U	10 U	10 U	10 U	72 U
bis(2-Chloroethyl)ether	10 U	2 J	4 J	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	5 J	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	73
2,2'-Oxybis(1-chloropropane)	10 U	10 U	3 J	10 U	10 U
4-Methylphenol	10 U	10 U	10 U	10 U	210
N-Nitroso-di-n-propylamine	10 U	10 U	10 U	1 J	10 U
Hexachloroethane	10 U	3 J	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	1 J	10 U	10 U	260
bis(2-Chloroethoxy)methane	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U	10 U	10 U
Naphthalene	10 U	13	10 U	10 U	47
4-Chloroaniline	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	4 J	10 U	10 U	25
Hexachlorocyclopentadiene	10 UJ	10 U	10 UJ	10 U	10 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25 U	25 U	25 U	25 U	25 U
Dimethyl phthalate	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	25 U	25 U	25 U	25 U	25 U
Acenaphthene	10 U	10 U	10 U	10 U	66
2,4-Dinitrophenol	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	25 U	25 U	25 U	1 J	25 U
Dibenzofuran	10 U	10 U	10 U	10 U	24
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U	23
4-Nitroaniline	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25 U	25 U	25 U	25 U	25 U
N-Nitrosodiphenylamine(1)	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	25 U	25 U	25 U	25 U	25 U
Phenanthrene	10 U	10 U	10 U	10 U	21
Anthracene	10 U	10 U	10 U	10 U	22
Carbazole	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	10 U	1 J	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	10 U	2 J
Pyrene	10 U	10 U	10 U	10 U	3 J
Butyl benzyl phthalate	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	10 U	10 UJ	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	10 U	10 U

U = NON-DETECT
J = ESTIMATED VALUE
UJ = ESTIMATED DETECTION LIMIT

TABLE G1.3B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW6S	09-MW6D	09-MW7S	09-MW15S	09-MW7D
LABORATORY ID:	566235	566232	567035	567025	566243
				DUP OF MW7S	
COMPOUND (µg/L)					
Phenol	66 J	10 U	10 U	10 U	8700 R
bis(2-Chloroethyl)ether	150 U	10 U	1 J	1 J	14 J
2-Chlorophenol	150 U	10 U	10 U	10 U	100 U
1,3-Dichlorobenzene	150 U	10 U	10 U	10 U	100 U
1,4-Dichlorobenzene	150 U	10 U	10 U	10 U	100 U
1,2-Dichlorobenzene	150 U	10 U	1 J	10 U	100 U
2-Methylphenol	350	10 U	10 U	10 U	2900 R
2,2'-Oxybis(1-chloropropane)	150 U	10 U	10 U	10 U	100 U
4-Methylphenol	370	10 U	10 U	10 U	7400 R
N-Nitroso-di-n-propylamine	150 U	10 U	10 U	10 U	100 U
Hexachloroethane	150 U	10 U	10 U	10 U	100 U
Nitrobenzene	150 U	10 U	10 U	10 U	100 U
Isophorone	150 U	10 U	10 U	10 U	100 U
2-Nitrophenol	150 U	10 U	10 U	10 U	100 U
2,4-Dimethylphenol	860	10 U	10	9 J	16 J
bis(2-Chloroethoxy)methane	150 U	10 U	10 U	10 U	100 U
2,4-Dichlorophenol	150 U	10 U	10 U	10 U	100 U
1,2,4-Trichlorobenzene	150 U	10 U	10 U	10 U	100 U
Naphthalene	150 U	10 U	29	23	100 U
4-Chloroaniline	150 U	10 U	10 U	10 U	100 U
Hexachlorobutadiene	150 UJ	10 U	10 U	10 UJ	100 U
4-Chloro-3-methylphenol	150 U	10 U	10 U	10 U	100 U
2-Methylnaphthalene	150 U	10 U	14	11	100 U
Hexachlorocyclopentadiene	150 U	10 U	10 U	10 U	100 U
2,4,6-Trichlorophenol	150 U	10 U	10 U	10 U	100 U
2,4,5-Trichlorophenol	380 U	25 U	25 U	25 U	250 U
2-Chloronaphthalene	150 U	10 U	10 U	10 U	100 U
2-Nitroaniline	380 U	25 U	25 U	25 U	250 U
Dimethyl phthalate	150 U	10 U	10 U	10 U	100 U
Acenaphthylene	150 U	10 U	10 U	10 U	100 U
2,6-Dinitrotoluene	150 U	10 U	10 U	10 U	100 U
3-Nitroaniline	380 U	25 U	25 U	25 U	250 U
Acenaphthene	150 U	10 U	5 J	4 J	100 U
2,4-Dinitrophenol	380 U	25 U	25 U	25 U	250 U
4-Nitrophenol	380 U	25 U	25 U	25 U	250 U
Dibenzofuran	150 U	10 U	2 J	10 U	100 U
2,4-Dinitrotoluene	150 U	10 U	10 U	10 U	100 U
Diethyl phthalate	150 U	10 U	10 U	1 J	100 U
4-Chlorophenyl phenyl ether	150 U	10 U	10 U	10 U	100 U
Fluorene	150 U	10 U	3 J	10 U	100 U
4-Nitroaniline	380 U	25 UJ	25 U	2 J	250 U
4,6-Dinitro-2-methylphenol	380 U	25 U	25 U	25 U	250 U
N-Nitrosodiphenylamine(1)	150 U	10 U	10 U	10 U	100 U
4-Bromophenyl phenyl ether	150 U	10 U	10 U	10 U	100 U
Hexachlorobenzene	150 U	10 U	10 U	10 U	100 U
Pentachlorophenol	380 U	25 U	2 J	25 U	250 U
Phenanthrene	150 U	10 U	10 U	10 U	100 U
Anthracene	150 U	10 U	10 U	10 U	100 U
Carbazole	150 U	10 U	11	10	100 U
Di-n-butyl phthalate	150 U	10 U	10 U	10 U	100 U
Fluoranthene	150 U	10 U	10 U	10 U	100 U
Pyrene	150 U	10 U	10 U	10 U	100 U
Butyl benzyl phthalate	150 U	10 UJ	10 U	10 U	100 U
3,3'-Dichlorobenzidine	150 U	10 U	10 U	10 U	100 U
Benzo(a)anthracene	150 U	10 U	10 U	10 U	100 U
Chrysene	150 U	10 U	10 U	10 U	100 U
bis(2-Ethylhexyl)phthalate	150 U	39 UJ	10 U	10 U	100 U
Di-n-octyl phthalate	150 U	10 UJ	10 U	10 U	100 U
Benzo(b)fluoranthene	150 U	10 U	10 U	10 U	100 U
Benzo(k)fluoranthene	150 U	10 U	10 U	10 U	100 U
Benzo(a)pyrene	150 U	10 U	10 U	10 U	100 U
Indeno(1,2,3-cd)pyrene	150 U	10 U	10 U	10 U	100 U
Dibenzo(a,h)anthracene	150 U	10 U	10 U	10 U	100 U
Benzo(g,h,i)perylene	150 U	10 U	10 U	10 U	100 U

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED
R = DATA REJECTED

TABLE G1.3B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW8S	09-MW8D	09-MW9S	09-MW9D	09-MW10S
LABORATORY ID:	566242	567036	566238	566244	567003
COMPOUND (µg/L)					
Phenol	10 U	10 U	10 U	2 J	10 U
bis(2-Chloroethyl)ether	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane)	10 U	10 U	10 U	10 U	2 J
4-Methylphenol	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U	10 U	10 U
Naphthalene	10 U	10 U	1 J	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 UJ	10 UJ	10 UJ	10 U	10 UJ
4-Chloro-3-methylphenol	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25 U	25 U	25 U	25 U	25 U
Dimethyl phthalate	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	25 U	25 U	25 U	25 U	25 U
Acenaphthene	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	25 U	25 U	25 U	25 U	25 U
Dibenzofuran	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	10 U	10 U	10 U	2 J	10 U
4-Chlorophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25 U	25 U	25 U	25 U	25 U
N-Nitrosodiphenylamine(1)	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	25 U	25 U	25 U	25 U	25 U
Phenanthrene	10 U	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U	10 U
Carbazole	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	10 U	10 U

U = NON-DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09-MW10D	09-MW11S	09-MW12D	09-MW13S	09-MW13D
LABORATORY ID:	567005	567000	574044	567583	567581
COMPOUND (µg/L)					
Phenol	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10 U	3 J	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	83	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	420	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	8 J	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane)	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	4 J	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	8 J	10 U	10 U	10 U
Naphthalene	10 U	1 J	10 U	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 UJ	10 UJ	10 U	10 U
4-Chloro-3-methylphenol	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25 U	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25 U	25 U	25 U	25 U	25 U
Dimethyl phthalate	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	25 U	25 U	25 U	25 U	25 U
Acenaphthene	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	25 U	25 U	3 J	25 U	25 U
Dibenzofuran	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	10 U	10 U	10 U	10 U	2 J
4-Chlorophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25 U	25 U	25 U	25 U	25 U
N-Nitrosodiphenylamine(1)	10 U	10 U	10 U	10 U	10 U
4-Bromophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	25 U	25 U	25 U	25 U	25 U
Phenanthrene	10 U	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U	10 U
Carbazole	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	10 U	10 U

U = NON-DETECT
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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09–MW1S	09–MW2S	09–MW3D	09–MW4S	09–MW5S	09–MW6S	09–MW6D	09–MW7D
LABORATORY ID:	567001	567040	567004	566997	567002	566235	566232	566243
COMPOUND (μg/L)								
Alpha–BHC	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U
Beta–BHC	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U
Delta–BHC	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U
Gamma–BHC (Lindane)	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U
Heptachlor	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.005 UJ	0.05 UJ	0.05 U	0.05 U
Aldrin	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U
Heptachlor epoxide	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.002 UJ	0.05 U	0.05 U
Endosulfan I	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U
Dieldrin	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
4,4'–DDE	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Endrin	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Endosulfan II	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
4,4'–DDD	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Endosulfan sulfate	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
4,4'–DDT	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
p,p'–Methoxychlor	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
Endrin ketone	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Endrin aldehyde	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Alpha chlordane	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.012 J	0.05 UJ	0.05 U	0.05 U
Gamma chlordane	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U
Toxaphene	5 UJ	5 UJ	5 U	5 UJ	5 UJ	5 UJ	5 U	5 U
PCB–1016	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U
PCB–1221	2 UJ	2 UJ	2 U	2 UJ	2 UJ	2 UJ	2 U	2 U
PCB–1232	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U
PCB–1242	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U
PCB–1248	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U
PCB–1254	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U
PCB–1260	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U

U = NON–DETECT
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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09–MW7S	09–MW15S	09–MW8S	09–MW8D	09–MW9S	09–MW9D	09–MW10S	09–MW10D
LABORATORY ID:	567035	567025	566242	567036	566238	566244	567003	567005
		DUP OF MW7S						
COMPOUND (μg/L)								
Alpha–BHC	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Beta–BHC	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Delta–BHC	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Gamma–BHC (Lindane)	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Heptachlor	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Aldrin	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Heptachlor epoxide	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Endosulfan I	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Dieldrin	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.0024 J	0.0024 J	0.1 UJ	0.1 U
4,4'–DDE	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U
Endrin	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U
Endosulfan II	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U
4,4'–DDD	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.0037 J	0.1 U	0.1 UJ	0.1 U
Endosulfan sulfate	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U
4,4'–DDT	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U
p,p'–Methoxychlor	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U
Endrin ketone	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U
Endrin aldehyde	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U
Alpha chlordane	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Gamma chlordane	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 U
Toxaphene	5 UJ	5 UJ	5 U	5 U	5 UJ	5 U	5 UJ	5 U
PCB–1016	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
PCB–1221	2 UJ	2 UJ	2 U	2 U	2 UJ	2 U	2 UJ	2 U
PCB–1232	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
PCB–1242	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
PCB–1248	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
PCB–1254	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
PCB–1260	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U

U = NON–DETECT
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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF PESTICIDES/PCBs

CLIENT ID:	09–MW11S	09–MW12D	09–MW13S	09–MW13D
LABORATORY ID:	567000	574044	567583	567581
COMPOUND (μg/L)				
Alpha–BHC	0.05 UJ	0.05 UJ	0.05 U	0.05 U
Beta–BHC	0.05 UJ	0.05 U	0.05 U	0.05 U
Delta–BHC	0.05 UJ	0.05 U	0.05 U	0.05 U
Gamma–BHC (Lindane)	0.05 UJ	0.05 UJ	0.05 U	0.05 U
Heptachlor	0.05 UJ	0.05 U	0.05 U	0.05 U
Aldrin	0.05 UJ	0.05 U	0.05 U	0.05 U
Heptachlor epoxide	0.05 UJ	0.05 U	0.05 U	0.05 U
Endosulfan I	0.05 UJ	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 UJ	0.1 U	0.1 U	0.1 U
4,4'–DDE	0.1 UJ	0.1 U	0.1 U	0.1 U
Endrin	0.1 UJ	0.1 U	0.1 U	0.1 U
Endosulfan II	0.1 UJ	0.1 U	0.1 U	0.1 U
4,4'–DDD	0.1 UJ	0.1 U	0.1 U	0.1 U
Endosulfan sulfate	0.1 UJ	0.1 U	0.1 U	0.1 U
4,4'–DDT	0.1 UJ	0.1 U	0.1 U	0.1 U
p,p'–Methoxychlor	0.5 UJ	0.5 U	0.5 U	0.5 U
Endrin ketone	0.1 UJ	0.1 U	0.1 U	0.1 U
Endrin aldehyde	0.1 UJ	0.1 U	0.1 U	0.1 U
Alpha chlordane	0.05 UJ	0.05 U	0.05 U	0.05 U
Gamma chlordane	0.05 UJ	0.05 U	0.05 U	0.05 U
Toxaphene	5 UJ	5 U	5 U	5 U
PCB–1016	1 UJ	1 U	1 U	1 U
PCB–1221	2 UJ	2 U	2 U	2 U
PCB–1232	1 UJ	1 U	1 U	1 U
PCB–1242	1 UJ	1 U	1 U	1 U
PCB–1248	1 UJ	1 U	1 U	1 U
PCB–1254	1 UJ	1 U	1 U	1 U
PCB–1260	1 UJ	1 U	1 U	1 U

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TABLE G1.3D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09–MW1S	09–MW1SF	09–MW2S	09–MW3D	09–MW4S	09–MW5S	09–MW6S	09–MW6SF
LABORATORY ID:	567054	567055	567065	567058	567052	567056	566261	566269
ANALYTE (μg/L)								
Aluminum	44 UJ	44 U	355 J	44 UJ	105 J	55.8 J	44 U	44 U
Antimony	35 U	35 U	35 U	35 U	35 U	35 U	47.4	35 U
Arsenic	4 U	4 U	7.5 J	4 U	4 U	7.5 J	5.1 J	5.7
Barium	7.9	6.9	27.5	73.3	3.3	164	753	766
Beryllium	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
Calcium	114000	119000	77800	23600	5810	95900	140000	150000
Chromium	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U
Cobalt	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U
Copper	4 U	4 U	8.2	4 U	4 U	6.3	4.2	4 U
Iron	20600	17700	12400	3050	137	25500	23800	24200
Lead	2 UJ	2 UJ	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
Magnesium	14900	15000	13000	17800	663	18400	60700	62700
Manganese	233	230	284	810	4.3	409	662	689
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	18 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U
Potassium	12800	12700	10600	14600	1960	17700	38500	38900
Selenium	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Silver	0.2 UJ	0.79 J	0.2 UJ	0.2 U	0.2 UJ	0.2 UJ	0.54 J	0.2 UJ
Sodium	10400	10600	12000	63800	4440	32400	50800	51600
Thallium	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3.9 J	3 UJ	3 UJ
Vanadium	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Zinc	12.7 UJ	4.8 U	56.5 J	7.8 UJ	14.2 UJ	16.2 UJ	9 U	19.1 U
Cyanide	10 U		10 U	10 U	10 U	10 U	10 U	

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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09–MW6D	09–MW7S	09–MW15S	09–MW7D	09–MW8S	09–MW8D	09–MW8DF	09–MW9S
LABORATORY ID:	566247	567062	567061	566266	566265	567063	567064	566263
			DUP OF MW7S					
ANALYTE (μg/L)								
Aluminum	2040	44 UJ	44 J	44 U	44 U	807 J	44 U	170
Antimony	35 U	35 U	35 U	35 U	35.5	35 U	35 U	35 U
Arsenic	4 UJ	16.3 J	13.5 J	5.5	4 U	5.4 J	4 U	4 U
Barium	36.5	39.6	41.8	278	76.9	85.8	89.3	501
Beryllium	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	0.28 J	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
Calcium	11300	80300	80800	127000	70800	78900	89400	95600
Chromium	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8.7
Cobalt	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U
Copper	7.1	4 U	4 U	4 U	4 U	4.1	4 U	4 U
Iron	7460	12500	12700	47300	1540	12700	11800	14100
Lead	2.9 J	2.7 J	3 J	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
Magnesium	4170	37700	38000	57500	36200	18300	19900	60500
Manganese	917	172	177	1420	600	889	945	791
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	18 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U
Potassium	2570	28100	28500	6840	29500	5120	5310	37400
Selenium	3 U	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Silver	0.2 UJ	0.2 U	0.2 UJ	0.71 J	0.36 J	0.2 UJ	0.43 J	0.2 UJ
Sodium	13500	25500	26300	230000	200000	83100	92600	53000
Thallium	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Vanadium	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Zinc	56.7	4 UJ	4 UJ	11	28 U	65.4 J	35.8	4 U
Cyanide		10 U	10 U	10 U	10 U	10 U		10 U

U = NON–DETECT
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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09–MW9D	09–MW10S	09–MW10D	09–MW11S	09–MW12D	09–MW13S	09–MW13D
LABORATORY ID:	566267	567057	567059	567053	574045	567584	567582
ANALYTE (μg/L)							
Aluminum	7240	50.2 J	516 J	44 UJ	72.8	331 J	649 J
Antimony	35 U	35 U	35 U	35 U	35 U	35 U	35 U
Arsenic	4 U	4 U	4 J	4 U	4 U	4 U	4 U
Barium	87.5	130	42.2	31.7	25.5	12.3	11.9
Beryllium	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.22 J	0.1 UJ	0.1 UJ
Calcium	47600	81200	27500	52000	15600	10600	18600
Chromium	26.3	8 U	8 U	8 U	8 U	8 U	8 U
Cobalt	9 U	9 U	9 U	9 U	43.4	13.9	9 U
Copper	13.2	4 U	7.8	4.1	4 U	4 U	4 U
Iron	16800	12500	1110	6510	3540	2710	2450
Lead	2.8	2 UJ	3.6 J	2 UJ	2 UJ	2 UJ	2 UJ
Magnesium	30000	45200	4620	3980	2910	3060	3080
Manganese	1160	275	500	713	546	368	307
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	18 U	18 U	18 U	18 U	18 U	18.6	18 U
Potassium	9840	28700	5570	8020	3720	1270 U	2660
Selenium	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Silver	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
Sodium	119000	89000	16200	6380	21900	6070	10800
Thallium	3 UJ	3.3 J	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Vanadium	8.9	6 U	6 U	6 U	6 U	6 U	6 U
Zinc	44 U	8.1 UJ	55.3 J	7.5 UJ	32	142 J	49.2 J
Cyanide	10 U	10 U	6.2	10 U	10 U	10 U	10 U

U = NON–DETECT
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UJ = DETECTION LIMIT ESTIMATED

TABLE G1.3F

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL
GROUND WATER SAMPLES
SUMMARY OF CHEMICAL PARAMETERS

CLIENT ID:	09–MW6S	09–MW8D	09–MW10S
LABORATORY ID:	566271	567068	567071
TSS (mg/L)	52	27	67

TABLE G1.9A

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL AREA
TCLP SAMPLES
SUMMARY OF VOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09–B3–03	09–MW8–04	09–MW11–05
LABORATORY ID:	552538	552898	554678
COMPOUND (μg/L)			
Vinyl chloride	0.1 U	0.1 U	0.1 U
1,1–Dichloroethene	0.35 U	0.35 U	0.35 U
2–Butanone	100 U	100 U	100 U
Chloroform	3 U	3 U	3 U
Carbon tetrachloride	0.25 U	0.25 U	0.25 U
Benzene	0.25 U	0.25 U	0.25 U
1,2–Dichloroethane	0.25 U	0.25 U	0.25 U
Trichloroethene	0.25 U	0.25 U	0.25 U
Tetrachloroethene	0.35 U	0.35 U	0.35 U
Chlorobenzene	50 U	50 U	50 U

U = NON–DETECT

TABLE G1.9B

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL AREA
TCLP SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	09–B3–03	09–MW8–04	09–MW11–05
LABORATORY ID:	552538	552898	554678
COMPOUND (μg/L)			
Pyridine	2.5 U	2.5 U	2.5 U
1,4–Dichlorobenzene	3.75 U	3.75 U	3.75 U
2–Methylphenol	100 U	100 U	100 U
3–Methylphenol	100 U	100 U	100 U
4–Methylphenol	100 U	100 U	100 U
Hexachloroethane	1.5 U	1.5 U	1.5 U
Nitrobenzene	1 U	1 U	1 U
Hexachlorobutadiene	0.25 U	0.25 U	0.25 U
2,4,6–Trichlorophenol	1 U	1 U	1 U
2,4,5–Trichlorophenol	200 U	200 U	200 U
2,4–Dinitrotoluene	0.065 U	0.065 U	0.065 U
Hexachlorobenzene	0.065 U	0.065 U	0.065 U
Pentachlorophenol	50 U	50 U	50 U
Cresols – Total	100 U	100 U	100 U

U = NON–DETECT

TABLE G1.9C

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL AREA
TCLP SAMPLES
SUMMARY OF PESTICIDE/PCB COMPOUNDS

CLIENT ID:	09–B3–03	09–MW8–04	09–MW11–05
LABORATORY ID:	552538	552898	554678
COMPOUND (μg/L)			
Heptachlor	0.004 U	0.004 U	0.004 U
Heptachlor epoxide	0.004 U	0.004 U	0.004 U
Toxaphene	0.25 U	0.25 U	0.25 U
Gamma–BHC (Lindane)	0.2 U	0.2 U	0.2 U
Chlordane	0.015 U	0.015 U	0.015 U
Endrin	0.01 U	0.01 U	0.01 U
p,p'–Methoxychlor	5 U	5 U	5 U

U = NON–DETECT

TABLE G1.9D

NCBC DAVISVILLE – PHASE II RI
SITE 09 – ALLEN HARBOR LANDFILL AREA
TCLP SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	09–B3–03	09–MW8–04	09–MW11–05
LABORATORY ID:	552538	552898	554678
ANALYTE (mg/L)			
Arsenic	2.5 U	2.5 U	2.5 U
Barium	50 U	50 U	50 U
Cadmium	0.5 U	2.67	0.5 U
Chromium	2.5 U	2.5 U	2.5 U
Lead	2.5 U	2.5 U	2.5 U
Mercury	0.1 U	0.1 U	0.1 U
Selenium	0.5 U	0.5 U	2.5 U
Silver	2.5 U	2.5 U	0.1 U

U = NON–DETECT

TABLE G2.1B

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	BKSS01	BKSS02	BKSS03	BKSS04	BKSS05
LABORATORY ID:	36061–9	36061–10	560437	560438	36096–11
COMPOUND (µg/Kg)					
Phenol	390 U	350 U	350 U	380 U	370 U
bis(2–Chloroethyl)ether	390 U	350 U	350 U	380 U	370 U
2–Chlorophenol	390 U	350 U	350 U	380 U	370 U
1,3–Dichlorobenzene	390 U	350 U	350 U	380 U	370 U
1,4–Dichlorobenzene	390 U	350 U	350 U	380 U	370 U
1,2–Dichlorobenzene	390 U	350 U	350 U	380 U	370 U
2–Methylphenol	390 U	350 U	350 U	380 U	370 U
2,2'–Oxybis(1–chloropropane)	390 UJ	350 UJ	350 U	380 U	370 R
4–Methylphenol	390 U	350 U	350 U	380 U	370 U
N–Nitroso–di–n–propylamine	390 U	350 U	350 U	380 U	370 U
Hexachloroethane	390 U	350 U	350 U	380 U	370 U
Nitrobenzene	390 U	350 U	350 U	380 U	370 U
Isophorone	390 U	350 U	350 U	380 U	370 U
2–Nitrophenol	390 U	350 U	350 U	380 U	370 U
2,4–Dimethylphenol	390 U	350 U	350 U	380 U	370 U
bis(2–Chloroethoxy)methane	390 U	350 U	350 U	380 U	370 U
2,4–Dichlorophenol	390 U	350 U	350 U	380 U	370 U
1,2,4–Trichlorobenzene	390 U	350 U	350 U	380 U	370 U
Naphthalene	390 U	350 U	350 U	380 U	370 U
4–Chloroaniline	390 U	350 U	350 U	380 U	370 U
Hexachlorobutadiene	390 U	350 U	350 U	380 U	370 U
4–Chloro–3–methylphenol	390 U	350 U	350 U	380 U	370 U
2–Methylnaphthalene	390 U	350 U	350 U	380 U	370 U
Hexachlorocyclopentadiene	390 UJ	350 UJ	350 U	380 U	370 U
2,4,6–Trichlorophenol	390 U	350 U	350 U	380 U	370 U
2,4,5–Trichlorophenol	940 U	860 U	840 U	920 U	910 U
2–Chloronaphthalene	390 U	350 U	350 U	380 U	370 U
2–Nitroaniline	940 U	860 U	840 U	920 U	910 U
Dimethyl phthalate	390 U	350 U	350 U	380 U	370 U
Acenaphthylene	390 U	350 U	350 U	380 U	370 U
2,6–Dinitrotoluene	390 U	350 U	350 U	380 U	370 U
3–Nitroaniline	940 U	860 U	840 U	920 U	910 U
Acenaphthene	390 U	350 U	350 U	380 U	370 U
2,4–Dinitrophenol	940 U	860 U	840 UJ	920 UJ	910 U
4–Nitrophenol	940 U	860 U	840 U	920 U	910 U
Dibenzofuran	390 U	350 U	350 U	380 U	370 U
2,4–Dinitrotoluene	390 U	350 U	350 U	380 U	370 U
Diethyl phthalate	390 U	350 U	350 U	380 U	370 U
4–Chlorophenyl phenyl ether	390 U	350 U	350 U	380 U	370 U
Fluorene	390 U	350 U	350 U	380 U	370 U
4–Nitroaniline	940 U	860 U	840 U	920 U	910 U
4,6–Dinitro–2–methylphenol	940 U	860 U	840 U	920 U	910 U
N–Nitrosodiphenylamine(1)	390 U	350 U	350 U	380 U	370 U
4–Bromophenyl phenyl ether	390 U	350 U	350 U	380 U	370 U
Hexachlorobenzene	390 U	350 U	350 U	380 U	370 U
Pentachlorophenol	940 U	860 U	840 U	920 U	910 U
Phenanthrene	390 U	350 U	350 U	380 U	370 U
Anthracene	390 U	350 U	350 U	380 U	370 U
Carbazole	390 U	350 U	350 U	380 U	370 U
Di–n–butyl phthalate	390 U	350 U	67 J	42 J	370 U
Fluoranthene	390 U	350 U	62 J	380 U	370 U
Pyrene	390 U	350 U	54 J	380 U	370 U
Butyl benzyl phthalate	390 U	350 U	350 U	380 J	370 U
3,3'–Dichlorobenzidine	390 U	350 U	350 U	380 U	370 U
Benzo(a)anthracene	390 U	350 U	350 U	380 U	370 U
Chrysene	390 U	350 U	350 U	380 U	370 U
bis(2–Ethylhexyl)phthalate	390 U	350 U	280 J	57 J	370 U
Di–n–octyl phthalate	390 U	350 U	350 U	380 U	370 U
Benzo(b)fluoranthene	390 U	350 U	56 J	380 U	370 U
Benzo(k)fluoranthene	390 U	350 U	56 J	380 U	370 U
Benzo(a)pyrene	390 U	350 U	350 U	380 U	370 U
Indeno(1,2,3–cd)pyrene	390 U	350 U	350 U	380 U	370 U
Dibenzo(a,h)anthracene	390 U	350 U	350 U	380 U	370 U
Benzo(g,h,i)perylene	390 U	350 U	350 U	380 U	370 U

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TABLE G2.1B

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	BKSS06	BKSS07	BKSS08	BKSS09	BKSS10
LABORATORY ID:	36096–12	36096–13	36096–14	36096–15	36096–16
COMPOUND (µg/Kg)					
Phenol	410 U	370 U	350 U	350 U	500 U
bis(2–Chloroethyl)ether	410 U	370 U	350 U	350 U	500 U
2–Chlorophenol	410 U	370 U	350 U	350 U	500 U
1,3–Dichlorobenzene	410 U	370 U	350 U	350 U	500 U
1,4–Dichlorobenzene	410 U	370 U	350 U	350 U	500 U
1,2–Dichlorobenzene	410 U	370 U	350 U	350 U	500 U
2–Methylphenol	410 U	370 U	350 U	350 U	500 U
2,2'–Oxybis(1–chloropropane)	410 R	370 R	350 UJ	350 R	500 UJ
4–Methylphenol	410 U	370 U	350 U	350 U	500 U
N–Nitroso–di–n–propylamine	410 U	370 U	350 U	350 U	500 U
Hexachloroethane	410 U	370 U	350 U	350 U	500 U
Nitrobenzene	410 U	370 U	350 U	350 U	500 U
Isophorone	410 U	370 U	350 U	350 U	500 U
2–Nitrophenol	410 U	370 U	350 U	350 U	500 U
2,4–Dimethylphenol	410 U	370 U	350 U	350 U	500 U
bis(2–Chloroethoxy)methane	410 U	370 U	350 U	350 U	500 U
2,4–Dichlorophenol	410 U	370 U	350 U	350 U	500 U
1,2,4–Trichlorobenzene	410 U	370 U	350 U	350 U	500 U
Naphthalene	410 U	370 U	350 U	350 U	500 U
4–Chloroaniline	410 U	370 U	350 U	350 U	500 U
Hexachlorobutadiene	410 U	370 U	350 U	350 U	500 U
4–Chloro–3–methylphenol	410 U	370 U	350 U	350 U	500 U
2–Methylnaphthalene	410 U	370 U	350 U	350 U	500 U
Hexachlorocyclopentadiene	410 U	370 U	350 U	350 U	500 U
2,4,6–Trichlorophenol	410 U	370 U	350 U	350 U	500 U
2,4,5–Trichlorophenol	980 U	900 U	850 U	860 U	1200 U
2–Chloronaphthalene	410 U	370 U	350 U	350 U	500 U
2–Nitroaniline	980 U	900 U	850 U	860 U	1200 U
Dimethyl phthalate	410 U	370 U	350 U	350 U	500 U
Acenaphthylene	410 U	370 U	350 U	350 U	500 U
2,6–Dinitrotoluene	410 U	370 U	350 U	350 U	500 U
3–Nitroaniline	980 U	900 U	850 U	860 U	1200 U
Acenaphthene	410 U	370 U	350 U	350 U	500 U
2,4–Dinitrophenol	980 U	900 U	850 U	860 U	1200 U
4–Nitrophenol	980 U	900 U	850 U	860 U	1200 U
Dibenzofuran	410 U	370 U	350 U	350 U	500 U
2,4–Dinitrotoluene	410 U	370 U	350 U	350 U	500 U
Diethyl phthalate	410 U	370 U	350 U	350 U	500 U
4–Chlorophenyl phenyl ether	410 U	370 U	350 U	350 U	500 U
Fluorene	410 U	370 U	350 U	350 U	500 U
4–Nitroaniline	980 U	900 U	850 U	860 U	1200 U
4,6–Dinitro–2–methylphenol	980 U	900 U	850 U	860 U	1200 U
N–Nitrosodiphenylamine(1)	410 U	370 U	350 U	350 U	500 U
4–Bromophenyl phenyl ether	410 U	370 U	350 U	350 U	500 U
Hexachlorobenzene	410 U	370 U	350 U	350 U	500 U
Pentachlorophenol	980 U	900 U	850 U	860 U	1200 U
Phenanthrene	410 U	370 U	350 U	350 U	500 U
Anthracene	410 U	370 U	350 U	350 U	500 U
Carbazole	410 U	370 U	350 U	350 U	500 U
Di–n–butyl phthalate	410 U	370 U	350 U	350 U	500 U
Fluoranthene	410 U	370 U	350 U	250 J	500 U
Pyrene	410 U	370 U	350 U	260 J	500 U
Butyl benzyl phthalate	410 U	370 U	350 U	350 U	500 U
3,3'–Dichlorobenzidine	410 U	370 U	350 U	350 U	500 U
Benzo(a)anthracene	410 U	370 U	350 U	350 U	500 U
Chrysene	410 U	370 U	350 U	190 J	500 U
bis(2–Ethylhexyl)phthalate	410 U	370 U	350 U	350 U	500 U
Di–n–octyl phthalate	410 U	370 U	350 U	350 U	500 U
Benzo(b)fluoranthene	410 U	370 U	350 U	270 J	500 U
Benzo(k)fluoranthene	410 U	370 U	350 U	350 U	500 U
Benzo(a)pyrene	410 U	370 U	350 U	350 U	500 U
Indeno(1,2,3–cd)pyrene	410 U	370 U	350 U	350 U	500 U
Dibenzo(a,h)anthracene	410 U	370 U	350 U	350 U	500 U
Benzo(g,h,i)perylene	410 U	370 U	350 U	350 U	500 U

U = NON–DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G2.1B

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	BK-SS11	BK-SS12	BK-SS15	BK-SS16	BK-SS17
LABORATORY ID:	550398	550399	550400	550401	550402
COMPOUND (µg/Kg)					
Phenol	370 U	370 U	460 U	480 U	490 U
bis(2-Chloroethyl)ether	370 U	370 U	460 U	480 U	490 U
2-Chlorophenol	370 U	370 U	460 U	480 U	490 U
1,3-Dichlorobenzene	370 U	370 U	460 U	480 U	490 U
1,4-Dichlorobenzene	370 U	370 U	460 U	480 U	490 U
1,2-Dichlorobenzene	370 U	370 U	460 U	480 U	490 U
2-Methylphenol	370 U	370 U	460 U	480 U	490 U
2,2'-Oxybis(1-chloropropane)	370 UJ	370 UJ	460 UJ	480 UJ	490 UJ
4-Methylphenol	370 U	370 U	460 U	480 U	490 U
N-Nitroso-di-n-propylamine	370 U	370 U	460 U	480 U	490 U
Hexachloroethane	370 U	370 U	460 U	480 U	490 U
Nitrobenzene	370 U	370 U	460 U	480 U	490 U
Isophorone	370 U	370 U	460 U	480 U	490 U
2-Nitrophenol	370 U	370 U	460 U	480 U	490 U
2,4-Dimethylphenol	370 U	370 U	460 U	480 U	490 U
bis(2-Chloroethoxy)methane	370 U	370 U	460 U	480 U	490 U
2,4-Dichlorophenol	370 U	370 U	460 U	480 U	490 U
1,2,4-Trichlorobenzene	370 U	370 U	460 U	480 U	490 U
Naphthalene	370 U	370 U	460 U	480 U	490 U
4-Chloroaniline	370 U	370 U	460 U	480 U	490 U
Hexachlorobutadiene	370 U	370 U	460 U	480 U	490 U
4-Chloro-3-methylphenol	370 U	370 U	460 U	480 U	490 U
2-Methylnaphthalene	370 U	370 U	460 U	480 U	490 U
Hexachlorocyclopentadiene	370 U	370 U	460 U	480 U	490 U
2,4,6-Trichlorophenol	370 U	370 U	460 U	480 U	490 U
2,4,5-Trichlorophenol	890 U	890 U	1100 U	1200 U	1200 U
2-Chloronaphthalene	370 U	370 U	460 U	480 U	490 U
2-Nitroaniline	890 U	890 U	1100 U	1200 U	1200 U
Dimethyl phthalate	370 U	370 U	460 U	480 U	490 U
Acenaphthylene	370 U	370 U	460 U	480 U	490 U
2,6-Dinitrotoluene	370 U	370 U	460 U	480 U	490 U
3-Nitroaniline	890 U	890 U	1100 U	1200 U	1200 U
Acenaphthene	370 U	370 U	460 U	480 U	490 U
2,4-Dinitrophenol	890 U	890 U	1100 U	1200 U	1200 U
4-Nitrophenol	890 U	890 U	1100 U	1200 U	1200 U
Dibenzofuran	370 U	370 U	460 U	480 U	490 U
2,4-Dinitrotoluene	370 U	370 U	460 U	480 U	490 U
Diethyl phthalate	370 U	370 U	460 U	480 U	490 U
4-Chlorophenyl phenyl ether	370 U	370 U	460 U	480 U	490 U
Fluorene	370 U	370 U	460 U	480 U	490 U
4-Nitroaniline	890 U	890 U	1100 U	1200 U	1200 U
4,6-Dinitro-2-methylphenol	890 U	890 U	1100 U	1200 U	1200 U
N-Nitrosodiphenylamine(1)	370 UJ	370 UJ	460 UJ	480 UJ	490 UJ
4-Bromophenyl phenyl ether	370 U	370 U	460 U	480 U	490 U
Hexachlorobenzene	370 U	370 U	460 U	480 U	490 U
Pentachlorophenol	890 U	890 U	1100 U	1200 U	1200 U
Phenanthrene	370 U	140 J	53 J	480 U	490 U
Anthracene	370 U	370 U	460 U	480 U	490 U
Carbazole	370 U	370 U	460 U	480 U	490 U
Di-n-butyl phthalate	41 J	44 J	460 U	480 U	490 U
Fluoranthene	50 J	200 J	80 J	54 J	62 J
Pyrene	64 J	200 J	83 J	58 J	66 J
Butyl benzyl phthalate	370 U	370 U	460 U	480 U	51 J
3,3'-Dichlorobenzidine	370 U	370 U	460 U	480 U	490 U
Benzo(a)anthracene	370 U	110 J	460 U	480 U	490 U
Chrysene	40 J	100 J	51 J	480 U	490 U
bis(2-Ethylhexyl)phthalate	370 U	370 U	460 U	480 U	490 U
Di-n-octyl phthalate	370 U	370 U	460 U	480 U	490 U
Benzo(b)fluoranthene	73 J	140 J	70 J	480 U	490 U
Benzo(k)fluoranthene	73 J	43 J	70 J	480 U	490 U
Benzo(a)pyrene	370 U	77 J	460 U	480 U	490 U
Indeno(1,2,3-cd)pyrene	370 U	52 J	460 U	480 U	490 U
Dibenzo(a,h)anthracene	370 U	370 U	460 U	480 U	490 U
Benzo(g,h,i)perylene	370 U	370 U	460 U	480 U	490 U

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TABLE G2.1B

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF SEMIVOLATILE ORGANIC COMPOUNDS

CLIENT ID:	BK-SS18	BKSS21	BKSS22
LABORATORY ID:	550403	36027-29	36027-30
COMPOUND (µg/Kg)			
Phenol	390 U	400 U	380 U
bis(2-Chloroethyl)ether	390 U	400 U	380 U
2-Chlorophenol	390 U	400 U	380 U
1,3-Dichlorobenzene	390 U	400 U	380 U
1,4-Dichlorobenzene	390 U	400 U	380 U
1,2-Dichlorobenzene	390 U	400 U	380 U
2-Methylphenol	390 U	400 U	380 U
2,2'-Oxybis(1-chloropropane)	390 UJ	400 U	380 U
4-Methylphenol	390 U	400 U	380 U
N-Nitroso-di-n-propylamine	390 U	400 U	380 U
Hexachloroethane	390 U	400 U	380 U
Nitrobenzene	390 U	400 U	380 U
Isophorone	390 U	400 U	380 U
2-Nitrophenol	390 U	400 U	380 U
2,4-Dimethylphenol	390 U	400 U	380 U
bis(2-Chloroethoxy)methane	390 U	400 U	380 U
2,4-Dichlorophenol	390 U	400 U	380 U
1,2,4-Trichlorobenzene	390 U	400 U	380 U
Naphthalene	390 U	400 U	380 U
4-Chloroaniline	390 U	400 U	380 U
Hexachlorobutadiene	390 U	400 U	380 U
4-Chloro-3-methylphenol	390 U	400 U	380 U
2-Methylnaphthalene	390 U	400 U	380 U
Hexachlorocyclopentadiene	390 U	400 U	380 U
2,4,6-Trichlorophenol	390 U	400 U	380 U
2,4,5-Trichlorophenol	950 U	960 U	920 U
2-Chloronaphthalene	390 U	400 U	380 U
2-Nitroaniline	950 U	960 U	920 U
Dimethyl phthalate	390 U	400 U	380 U
Acenaphthylene	390 U	400 U	380 U
2,6-Dinitrotoluene	390 U	400 U	380 U
3-Nitroaniline	950 U	960 U	920 U
Acenaphthene	390 U	400 U	380 U
2,4-Dinitrophenol	950 U	960 U	920 U
4-Nitrophenol	950 U	960 U	920 U
Dibenzofuran	390 U	400 U	380 U
2,4-Dinitrotoluene	390 U	400 U	380 U
Diethyl phthalate	390 U	400 U	380 U
4-Chlorophenyl phenyl ether	390 U	400 U	380 U
Fluorene	390 U	400 U	380 U
4-Nitroaniline	950 U	960 U	920 U
4,6-Dinitro-2-methylphenol	950 U	960 U	920 U
N-Nitrosodiphenylamine(1)	390 UJ	400 U	380 U
4-Bromophenyl phenyl ether	390 U	400 U	380 U
Hexachlorobenzene	390 U	400 U	380 U
Pentachlorophenol	950 U	960 U	920 U
Phenanthrene	47 J	400 U	380 U
Anthracene	390 U	400 U	380 U
Carbazole	390 U	400 U	380 U
Di-n-butyl phthalate	43 J	400 U	380 U
Fluoranthene	76 J	400 U	380 U
Pyrene	77 J	400 U	380 U
Butyl benzyl phthalate	93 J	400 U	380 U
3,3'-Dichlorobenzidine	390 U	400 U	380 U
Benzo(a)anthracene	390 U	400 U	380 U
Chrysene	390 U	400 U	380 U
bis(2-Ethylhexyl)phthalate	390 U	580	290 J
Di-n-octyl phthalate	390 U	400 U	380 U
Benzo(b)fluoranthene	70 J	400 U	380 U
Benzo(k)fluoranthene	70 J	400 U	380 U
Benzo(a)pyrene	390 U	400 U	380 U
Indeno(1,2,3-cd)pyrene	390 U	400 U	380 U
Dibenzo(a,h)anthracene	390 U	400 U	380 U
Benzo(g,h,i)perylene	390 U	400 U	380 U

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UJ = DETECTION LIMIT ESTIMATED

TABLE G2.1C

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCB ORGANIC COMPOUNDS

CLIENT ID:	BKSS01	BKSS02	BKSS03	BKSS04	BKSS05	BKSS06
LABORATORY ID:	36061–9	36061–10	560437	560438	36096–11	36096–12
COMPOUND (μg/Kg)						
Alpha–BHC	2 UJ	1.8 UJ	1.8 U	2 U	1.9 UJ	2.1 UJ
Beta–BHC	2 UJ	1.8 UJ	1.8 U	2 U	1.9 U	2.1 U
Delta–BHC	2 UJ	1.8 UJ	0.5 J	0.2 J	1.9 U	2.1 U
Gamma–BHC (Lindane)	2 UJ	1.8 UJ	1.8 U	2 U	1.9 U	2.1 U
Heptachlor	2 UJ	1.8 UJ	1.8 U	2 U	1.9 U	2.1 U
Aldrin	2 UJ	1.8 UJ	1.8 U	2 U	1.9 U	2.1 U
Heptachlor epoxide	2 UJ	1.8 UJ	1.8 U	2 U	1.9 U	2.1 U
Endosulfan I	2 UJ	1.8 UJ	1.8 U	2 U	1.9 U	2.1 U
Dieldrin	3.9 UJ	3.5 UJ	3.5 U	3.8 U	3.7 U	4.1 U
4,4'–DDE	3.9 UJ	3.5 UJ	3.6 J	12	3.7 U	4.1 U
Endrin	3.9 UJ	3.5 UJ	3.5 U	0.1 J	3.7 U	4.1 U
Endosulfan II	3.9 UJ	3.5 UJ	3.5 U	0.1 J	3.7 U	4.1 U
4,4'–DDD	3.9 UJ	3.5 UJ	3.5 U	3.8 U	3.7 U	4.1 U
Endosulfan sulfate	3.9 UJ	3.5 UJ	0.2 J	3.8 U	3.7 U	4.1 U
4,4'–DDT	3.9 UJ	3.5 UJ	2.8 J	12	3.7 U	4.1 U
p,p'–Methoxychlor	20 UJ	18 UJ	2 U	2 U	19 U	21 U
Endrin ketone	3.9 UJ	3.5 UJ	3.5 U	3.8 U	3.7 U	4.1 U
Endrin aldehyde	3.9 UJ	3.5 UJ	2.1 J	1 J	3.7 U	4.1 U
Alpha chlordane	2 UJ	1.8 UJ	1.8 U	2 U	1.9 U	2.1 U
Gamma chlordane	2 UJ	1.8 UJ	1.8 U	2 U	1.9 U	2.1 U
Toxaphene	200 UJ	180 UJ	180 U	200 U	190 U	210 U
PCB–1016	39 UJ	35 UJ	35 U	38 U	37 U	41 U
PCB–1221	79 UJ	72 UJ	70 U	77 U	76 U	83 U
PCB–1232	39 UJ	35 UJ	35 U	38 U	37 U	41 U
PCB–1242	39 UJ	35 UJ	35 U	38 U	37 U	41 U
PCB–1248	39 UJ	35 UJ	35 U	38 U	37 U	41 U
PCB–1254	39 UJ	35 UJ	35 U	38 U	37 U	41 U
PCB–1260	39 UJ	35 UJ	24 J	8.1 J	18 J	41 U

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UJ = DETECTION LIMIT ESTIMATED

TABLE G2.1C

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCB ORGANIC COMPOUNDS

CLIENT ID:	BKSS07	BKSS08	BKSS09	BKSS10	BK–SS11	BK–SS12
LABORATORY ID:	36096–13	36096–14	36096–15	36096–16	550398 D20	550399 D50
COMPOUND (μg/Kg)						
Alpha–BHC	1.9 R	1.8 UJ	1.8 UJ	2.6 UJ	3.8 U	9.5 U
Beta–BHC	1.9 R	1.8 UJ	1.8 U	2.6 U	3.8 U	9.5 U
Delta–BHC	1.9 R	1.8 UJ	1.8 U	2.6 U	3.8 U	9.5 U
Gamma–BHC (Lindane)	1.9 R	1.8 UJ	1.8 U	2.6 U	3.8 U	9.5 U
Heptachlor	1.9 R	1.8 UJ	1.8 U	2.6 U	1.7 J	9.5 U
Aldrin	1.9 R	1.8 UJ	1.8 U	2.6 U	0.16 J	9.5 U
Heptachlor epoxide	1.9 R	1.8 UJ	1.8 U	2.6 U	3 J	2.4 J
Endosulfan I	1.9 R	1.8 UJ	1.8 U	2.6 U	3.8 U	9.5 U
Dieldrin	3.7 R	3.5 UJ	3.5 U	5 U	7.4 U	1.2 J
4,4'–DDE	3.7 R	3.5 UJ	19	14	590 D	21
Endrin	3.7 R	3.5 UJ	3.5 U	5 U	7.4 U	0.53 J
Endosulfan II	3.7 R	3.5 UJ	3.5 U	5 U	7.4 U	18 U
4,4'–DDD	3.7 R	3.5 UJ	3.5 U	5 U	62	7.6 J
Endosulfan sulfate	3.7 R	3.5 UJ	3.5 U	5 U	1.2 J	18 U
4,4'–DDT	3.7 R	3.5 UJ	18	36	610 D	42
p,p'–Methoxychlor	19 R	18 UJ	18 U	26 U	38 U	95 U
Endrin ketone	3.7 R	3.5 UJ	3.5 U	5 U	7.4 U	18 U
Endrin aldehyde	3.7 R	3.5 UJ	3.5 U	5 U	4.2 J	18 U
Alpha chlordane	1.9 R	1.8 UJ	1.8 U	2.6 U	54	50
Gamma chlordane	1.9 R	1.8 UJ	1.8 U	2.6 U	44	26
Toxaphene	190 R	180 UJ	180 U	260 U	380 U	950 U
PCB–1016	37 R	35 UJ	35 U	50 U	74 U	180 U
PCB–1221	75 R	71 UJ	72 U	100 U	150 U	380 U
PCB–1232	37 R	35 UJ	35 U	50 U	74 U	180 U
PCB–1242	37 R	35 UJ	35 U	50 U	74 U	180 U
PCB–1248	37 R	35 UJ	35 U	50 U	74 U	180 U
PCB–1254	37 R	35 UJ	35 U	50 U	74 U	180 U
PCB–1260	37 R	96 J	35 U	28	74 U	180 U

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TABLE G2.1C

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF PESTICIDES/PCB ORGANIC COMPOUNDS

CLIENT ID:	BK–SS15	BK–SS16	BK–SS17	BK–SS18	BKSS21	BKSS22
LABORATORY ID:	550400	550401 D50	550402	550403	36027–29	36027–30
COMPOUND (μg/Kg)						
Alpha–BHC	2.4 U	12 U	2.5 U	2 U	2.4 UJ	2.3 UJ
Beta–BHC	2.4 U	12 U	2.5 U	2 U	2.4 UJ	2.3 UJ
Delta–BHC	0.1 J	12 U	2.5 U	0.14 J	2.4 UJ	2.3 UJ
Gamma–BHC (Lindane)	2.4 U	12 U	2.5 U	2 U	2.4 UJ	2.3 UJ
Heptachlor	2.4 U	12 U	2.5 U	2 U	2.4 UJ	2.3 UJ
Aldrin	2.4 U	12 U	2.5 U	2 U	2.4 UJ	2.3 UJ
Heptachlor epoxide	2.4 U	12 U	2.5 U	2 U	2.4 UJ	2.3 UJ
Endosulfan I	2.4 U	12 U	2.5 U	2 U	2.4 UJ	2.3 UJ
Dieldrin	4.7 U	1.1 J	4.9 U	0.37 J	4.6 UJ	4.4 UJ
4,4'–DDE	19	220	72	43	4.6 UJ	4.4 UJ
Endrin	4.7 U	24 U	0.31 J	4 U	4.6 UJ	4.4 UJ
Endosulfan II	4.7 U	24 U	4.9 U	4 U	4.6 UJ	4.4 UJ
4,4'–DDD	4.7 U	14	4.9 U	4 U	4.6 UJ	4.4 UJ
Endosulfan sulfate	2.1 J	24 U	4.9 U	2.7 J	4.6 UJ	4.4 UJ
4,4'–DDT	15 J	270	45	92 D	4.6 UJ	4.4 UJ
p,p'–Methoxychlor	24 U	120 U	1.4 J	20 U	24 UJ	23 UJ
Endrin ketone	4.7 U	24 U	4.9 U	4 U	4.6 UJ	4.4 UJ
Endrin aldehyde	0.63 J	24 U	0.74 J	1.2 J	4.6 UJ	4.4 UJ
Alpha chlordane	0.18 J	12 U	0.18 J	0.3 J	2.4 UJ	2.3 UJ
Gamma chlordane	2.4 U	12 U	2.5 U	2 U	2.4 UJ	2.3 UJ
Toxaphene	240 U	1200 U	250 U	200 U	240 UJ	230 UJ
PCB–1016	47 U	240 U	49 U	40 U	46 UJ	44 UJ
PCB–1221	95 U	490 U	100 U	81 U	94 UJ	90 UJ
PCB–1232	47 U	240 U	49 U	40 U	46 UJ	44 UJ
PCB–1242	47 U	240 U	49 U	40 U	46 UJ	44 UJ
PCB–1248	47 U	240 U	49 U	40 U	46 UJ	44 UJ
PCB–1254	47 U	240 U	49 U	40 U	46 UJ	44 UJ
PCB–1260	47 U	240 U	49 U	40 U	46 UJ	44 UJ

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UJ = DETECTION LIMIT ESTIMATED

TABLE G2.1D

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	BK–SS01	BK–SS02	BK–SS03	BK–SS04	BK–SS05	BK–SS06
LABORATORY ID:	36061–014	36061–015	560450	560451	36096–017	36096–018
ANALYTE (mg/Kg)						
Aluminum	1710	1170	7120	8170	4290	8560
Antimony	2.2 UJ	1.8 UJ	7.5 U	8.1 U	2.3 UJ	2.9 UJ
Arsenic	0.9 J	0.59 J	3.4 J	2.4 J	1.3	1.3
Barium	5.6	13.1	16.2	11.7	7.8	6.5
Beryllium	0.16	0.12	0.45 U	0.4 U	0.33	0.36
Cadmium	0.32 U	0.46	0.26 J	0.2 J	0.34	0.42 U
Calcium	628 J	218 J	451	430	174 J	62.7
Chromium	3.6 U	9.6	11	9.3	4.5	6.1
Cobalt	1.7	1.1	4.4	3.5	3.3 J	1.9
Copper	4.7	6.2	13.1	6.3 U	9	3.9
Iron	4540 J	3810 J	10100	10700	8520	11500
Lead	3.4 J	53.8	18.2	9.7	9.9 J	13.1 J
Magnesium	617	325	933	944	868	387
Manganese	34.4 J	36.2 J	90.4	64.1	100	21.8
Mercury	0.04 U	0.06 U	0.11 U	0.12 U	0.06	0.03
Nickel	4.3	4	5.2 J	6.2 J	4.3	1.9 U
Potassium	228	207	488	373 U	348	145
Selenium	0.16 UJ	0.13 UJ	0.64 UJ	0.69 U	0.42	0.77
Silver	0.51 U	0.44 U	0.16 J	0.1 J	0.55 U	0.68 U
Sodium	17.1 U	15.5 U	123 U	161 U	16.9 U	19.5 U
Thallium	0.12 U	0.1 U	0.64 U	0.69 U	0.12 U	0.12 U
Vanadium	3.8	3.3	11.2	11.3	7.9	14.2
Zinc	12 J	172 J	38 J	39 J	20.8	10.3
Cyanide	0.19 U	0.16 U	0.53 U	0.58 U	0.17	0.19 U

U = NON–DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G2.1D

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	BK–SS07	BK–SS08	BK–SS09	BK–SS10	BK–SS11	BK–SS12
LABORATORY ID:	36096–019	36096–020	36096–021	36096–022	550412	550413
ANALYTE (mg/Kg)						
Aluminum	5620	5190	2940	6760	6280	6090
Antimony	2 UJ	2.4 UJ	2.5 UJ	3.6 U	10.4 UJ	10.3 UJ
Arsenic	0.95	1.5	1.1 J	1.6	5.5	7.6
Barium	10.2	16.8	8.2	9.6	14.9	12
Beryllium	0.39	0.39	0.33	0.29	0.66	0.56
Cadmium	0.3 U	0.35 U	0.36 U	0.53 U	0.28 J	0.29 J
Calcium	216 J	228 J	167 J	111 J	510	242
Chromium	5.7	6.6	3.5	6.4	8.1	7.6
Cobalt	4.6	3.1	2.7	1.4	3.8	2.3
Copper	9.9	7.7	8.8	7.6	15 J	12.9 J
Iron	10200	9180	5960	8300	9460	8080
Lead	11.7 J	28.9 J	13.8 J	37.7 J	50.3	55.9
Magnesium	1190	938	636	550	1220	895
Manganese	118	88.8	82.8	23.3	150	88.6
Mercury	0.04 U	0.05 U	0.06 U	0.1 U	0.11 U	0.11 U
Nickel	5	4.3	2.3	2.8	7 U	7.5
Potassium	451	275	304	86 U	510	499 U
Selenium	0.34 J	0.31	0.24	0.73	0.68 U	0.67 U
Silver	0.48 U	0.56 U	0.58 U	0.86 U	0.08 J	0.11 J
Sodium	13.8 U	18.2 U	15.3 U	31.5 U	92.6	77
Thallium	0.11 U	0.11 U	0.12 U	0.19	0.9 U	0.89 U
Vanadium	10.7	9.8	7.8	19.8	12	12.3
Zinc	22.7	28.7	18.3	12.9	30	24.9
Cyanide	0.17 U	0.14 U	0.17 U	0.25 U	0.56 U	0.56 U

U = NON–DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED

TABLE G2.1D

NCBC DAVISVILLE – PHASE II RI
BACKGROUND
SURFACE SOIL SAMPLES
SUMMARY OF INORGANIC ANALYTES

CLIENT ID:	BK–SS15	BK–SS16	BK–SS17	BK–SS18	BKSS21	BKSS22
LABORATORY ID:	550414	550415	550416	550417	36027–044	36027–045
ANALYTE (mg/Kg)						
Aluminum	10400	7240	7000	8580	12600 J	10400 J
Antimony	12.9 UJ	13.2 UJ	13.7 UJ	11 UJ	3 J	2.5 R
Arsenic	4.4 U	4.3 U	8.1	2.1 U	1.7	1.1
Barium	19.1	15.1	15.5	17.2	19.8	16.6
Beryllium	0.77	0.58 U	0.6 U	0.69	0.64	0.77
Cadmium	0.07 UJ	0.04 UJ	0.03 UJ	0.05 UJ	0.4 U	0.36 U
Calcium	217	392	337	310	194	205
Chromium	9.1	7.2	7.7	7.2	9.2	6.2
Cobalt	2.7	2.6 U	2.7 U	2.2	3.7	2.4
Copper	14.4 J	14.8 J	10.2 J	11.8 J	1.6	1.8
Iron	13200	9210	12000	9020	12400 J	11000 J
Lead	32.5	47.5	22.6	25.6	13.2 J	33.7
Magnesium	1020	863	1070	839	843	650
Manganese	97	56.7	53.6	71.4	69.1	74.1
Mercury	0.14 U	0.14 U	0.15 U	0.12 U	0.07 U	0.07 U
Nickel	8.7 U	8.9 U	9.2 U	7.5	3	2.1
Potassium	625 U	644 U	728	537 U	242	344
Selenium	0.84 UJ	0.86 UJ	0.9 UJ	0.72 U	0.27 J	0.32 J
Silver	0.2 J	0.22 J	0.06 J	0.11 U	0.64 U	0.58 U
Sodium	83.2	139	119	95.6	29.6	29.4
Thallium	1.1 U	1.2 U	1.2 UJ	0.96 U	0.24 J	0.13 J
Vanadium	22.9	23	24.6	15.8	19.2	15.5
Zinc	24.3	21.7	16.6	21.5	24	31.7
Cyanide	0.7 U	0.72 U	0.75 U	0.6 U	0.18 U	0.18 U

U = NON–DETECT
J = ESTIMATED VALUE
UJ = DETECTION LIMIT ESTIMATED
R = ANALYTE REJECTED

APPENDIX H

SUPPLEMENTAL PHASE II ANALYTICAL DATA

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ANALYSIS FOR VOLATILE CONSTITUENTS

Laboratory number: 39733 -001
Sample Designation: 981004
Matrix: TCLP EXTRACT

Parameter	Result (mg/L)	Regulatory Limit (mg/L)	Reporting Limit (mg/L)
VOLATILES	Date Analyzed: 04/08/94		
Vinyl chloride	BDL	0.2	.01
1,1-Dichloroethene	BDL	0.7	.005
1,2-Dichloroethane	BDL	0.5	.005
Chloroform	BDL	6.0	.005
Methyl ethyl ketone	BDL	200	.025
Carbon Tetrachloride	BDL	0.5	.005
Trichloroethene	BDL	0.5	.005
Benzene	TRACE	0.5	.005
Tetrachloroethene	BDL	0.7	.005
Chlorobenzene	BDL	100	.005

Results uncorrected for matrix spike recovery.

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ANALYSIS FOR VOLATILE CONSTITUENTS

Laboratory number: 39733 -002
Sample Designation: 981108
Matrix: TCLP EXTRACT

Parameter	Result (mg/L)	Regulatory Limit (mg/L)	Reporting Limit (mg/L)
VOLATILES	Date Analyzed: 04/08/94		
Vinyl chloride	BDL	0.2	.01
1,1-Dichloroethene	BDL	0.7	.005
1,2-Dichloroethane	BDL	0.5	.005
Chloroform	BDL	6.0	.005
Methyl ethyl ketone	BDL	200	.025
Carbon Tetrachloride	BDL	0.5	.005
Trichloroethene	.005	0.5	.005
Benzene	BDL	0.5	.005
Tetrachloroethene	BDL	0.7	.005
Chlorobenzene	BDL	100	.005

Results uncorrected for matrix spike recovery.

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TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ANALYSIS FOR VOLATILE CONSTITUENTS

Laboratory number: 39781 -009
Sample Designation:980904
Matrix: TCLP EXTRACT

Parameter	Result (mg/L)	Regulatory Limit (mg/L)	Reporting Limit (mg/L)
VOLATILES	Date Analyzed: 04/07/94		
Vinyl chloride	BDL	0.2	.01
1,1-Dichloroethene	BDL	0.7	.005
1,2-Dichloroethane	BDL	0.5	.005
Chloroform	BDL	6.0	.005
Methyl ethyl ketone	BDL	200	.025
Carbon Tetrachloride	BDL	0.5	.005
Trichloroethene	BDL	0.5	.005
Benzene	BDL	0.5	.005
Tetrachloroethene	BDL	0.7	.005
Chlorobenzene	BDL	100	.005

Results uncorrected for matrix spike recovery.

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ANALYSIS FOR NON-VOLATILE CONSTITUENTS

Laboratory number: 39733 -001
Sample Designation: 9B1004
Matrix: TCLP EXTRACT

Parameter	Result (mg/L)	Regulatory Limit (mg/L)	Reporting Limit (mg/L)
SEMIVOLATILES Date Extracted: 04/04/94	Date Analyzed: 04/06/94		
Pyridine	BDL	5.0	.056
1,4-Dichlorobenzene	BDL	7.5	.056
2,4-Dinitrotoluene	BDL	0.13	.056
2-Methylphenol	BDL	200	.056
3,4-Methylphenols	BDL	200	.056
Hexachloroethane	BDL	3.0	.056
Nitrobenzene	BDL	2.0	.056
Hexachlorobenzene	BDL	0.13	.056
Pentachlorophenol	BDL	100	.056
Hexachlorobutadiene	BDL	0.50	.056
2,4,6-Trichlorophenol	BDL	2.0	.056
2,4,5-Trichlorophenol	BDL	400	.056
PESTICIDES Date Extracted: 04/04/94	Date Analyzed: 04/06/94		
Gamma-BHC	BDL	0.4	.0003
Chlordane	BDL	0.03	.002
Endrin	BDL	0.02	.0003
Heptachlor	BDL	0.008	.0003
Heptachlor Epoxide	BDL	0.008	.0003
Toxaphene	BDL	0.5	.01
Methoxychlor	BDL	10	.002
HERBICIDES Date Extracted: 04/04/94	Date Analyzed: 04/07/94		
2,4-D	BDL	10	.005
Silvex	BDL	1	.005

Results uncorrected for matrix spike recovery.

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ANALYSIS FOR NON-VOLATILE CONSTITUENTS

Laboratory number: 39733 -002
Sample Designation: 9B1108
Matrix: TCLP EXTRACT

Parameter	Result (mg/L)	Regulatory Limit (mg/L)	Reporting Limit (mg/L)
SEMIVOLATILES Date Extracted: 04/04/94	Date Analyzed: 04/06/94		
Pyridine	BDL	5.0	.056
1,4-Dichlorobenzene	BDL	7.5	.056
2,4-Dinitrotoluene	BDL	0.13	.056
2-Methylphenol	BDL	200	.056
3,4-Methylphenols	BDL	200	.056
Hexachloroethane	BDL	3.0	.056
Nitrobenzene	BDL	2.0	.056
Hexachlorobenzene	BDL	0.13	.056
Pentachlorophenol	BDL	100	.056
Hexachlorobutadiene	BDL	0.50	.056
2,4,6-Trichlorophenol	BDL	2.0	.056
2,4,5-Trichlorophenol	BDL	400	.056
PESTICIDES Date Extracted: 04/04/94	Date Analyzed: 04/06/94		
Gamma-BHC	BDL	0.4	.0003
Chlordane	BDL	0.03	.002
Endrin	BDL	0.02	.0003
Heptachlor	BDL	0.008	.0003
Heptachlor Epoxide	BDL	0.008	.0003
Toxaphene	BDL	0.5	.01
Methoxychlor	BDL	10	.002
HERBICIDES Date Extracted: 04/04/94	Date Analyzed: 04/07/94		
2,4-D	BDL	10	.005
Silvex	BDL	1	.005

Results uncorrected for matrix spike recovery.

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ANALYSIS FOR NON-VOLATILE CONSTITUENTS

Laboratory number: 39781 -009
Sample Designation: 9B0904
Matrix: TCLP EXTRACT

Parameter	Result (mg/L)	Regulatory Limit (mg/L)	Reporting Limit (mg/L)
SEMIVOLATILES Date Extracted: 04/04/94	Date Analyzed: 04/06/94		
Pyridine	BDL	5.0	.056
1,4-Dichlorobenzene	BDL	7.5	.056
2,4-Dinitrotoluene	BDL	0.13	.056
2-Methylphenol	BDL	200	.056
3,4-Methylphenols	BDL	200	.056
Hexachloroethane	BDL	3.0	.056
Nitrobenzene	BDL	2.0	.056
Hexachlorobenzene	BDL	0.13	.056
Pentachlorophenol	BDL	100	.056
Hexachlorobutadiene	BDL	0.50	.056
2,4,6-Trichlorophenol	BDL	2.0	.056
2,4,5-Trichlorophenol	BDL	400	.056
PESTICIDES Date Extracted: 04/04/94	Date Analyzed: 04/06/94		
Gamma-BHC	BDL	0.4	.0003
Chlordane	BDL	0.03	.002
Endrin	BDL	0.02	.0003
Heptachlor	BDL	0.008	.0003
Heptachlor Epoxide	BDL	0.008	.0003
Toxaphene	BDL	0.5	.01
Methoxychlor	BDL	10	.002
HERBICIDES Date Extracted: 04/04/94	Date Analyzed: 04/07/94		
2,4-D	BDL	10	.005
Silvex	BDL	1	.005

Results uncorrected for matrix spike recovery.

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9B0904

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV18

Matrix (soil/water): WATER Lab Sample ID: 39781-009

Level (low/med): LOW Date Received: 03/31/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	23.5	U		P
7440-39-3	Barium	266			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	39.4			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	10.3			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	151			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	26.7	U		P
7440-22-4	Silver	3.6	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

U1

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
TCLP Extract

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9B1004

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV18

Matrix (soil/water): WATER Lab Sample ID: 39733-001

Level (low/med): LOW Date Received: 03/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	23.5	U		P
7440-39-3	Barium	1730			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	36.1			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	5.4	B		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2190			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	26.7	U		P
7440-22-4	Silver	3.6	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

U1

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
TCLP Extract

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9B1108

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV18

Matrix (soil/water): WATER Lab Sample ID: 39733-002

Level (low/med): LOW Date Received: 03/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	23.5	U		P
7440-39-3	Barium	1670			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	614			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	16.3			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	7020			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	26.7	U		P
7440-22-4	Silver	3.6	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

U1

olor Before: Clarity Before: Texture:

olor After: Clarity After: Artifacts:

omments:
TCLP Extract

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW2SH

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-011

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium	13000		E	P
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

J J4

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW2SL

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-012

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium	13400		E	P
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

J JY

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW3DH

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-013

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M		
7429-90-5	Aluminum						
7440-36-0	Antimony						
7440-38-2	Arsenic						
7440-39-3	Barium						
7440-41-7	Beryllium						
7440-43-9	Cadmium						
7440-70-2	Calcium						
7440-47-3	Chromium						
7440-48-4	Cobalt						
7440-50-8	Copper						
7439-89-6	Iron						
7439-92-1	Lead						
7439-95-4	Magnesium						
7439-96-5	Manganese						
7439-97-6	Mercury						
7440-02-0	Nickel						
7440-09-7	Potassium						
7782-49-2	Selenium						
7440-22-4	Silver						
7440-23-5	Sodium	56900		E	P	J	JY
7440-28-0	Thallium						
7440-62-2	Vanadium						
7440-66-6	Zinc						
	Cyanide						

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW3DL

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-014

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium	56500		E	P
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

J JY

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW7DH

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-017

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M		
7429-90-5	Aluminum						
7440-36-0	Antimony						
7440-38-2	Arsenic						
7440-39-3	Barium						
7440-41-7	Beryllium						
7440-43-9	Cadmium						
7440-70-2	Calcium						
7440-47-3	Chromium						
7440-48-4	Cobalt						
7440-50-8	Copper						
7439-89-6	Iron						
7439-92-1	Lead						
7439-95-4	Magnesium						
7439-96-5	Manganese						
7439-97-6	Mercury						
7440-02-0	Nickel						
7440-09-7	Potassium						
7782-49-2	Selenium						
7440-22-4	Silver						
7440-23-5	Sodium	160000		E	P	J	J4
7440-28-0	Thallium						
7440-62-2	Vanadium						
7440-66-6	Zinc						
	Cyanide						

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW7DL

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-018

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium	185000		E	P
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

J JY

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW7SH

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-015

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M		
7429-90-5	Aluminum						
7440-36-0	Antimony						
7440-38-2	Arsenic						
7440-39-3	Barium						
7440-41-7	Beryllium						
7440-43-9	Cadmium						
7440-70-2	Calcium						
7440-47-3	Chromium						
7440-48-4	Cobalt						
7440-50-8	Copper						
7439-89-6	Iron						
7439-92-1	Lead						
7439-95-4	Magnesium						
7439-96-5	Manganese						
7439-97-6	Mercury						
7440-02-0	Nickel						
7440-09-7	Potassium						
7782-49-2	Selenium						
7440-22-4	Silver						
7440-23-5	Sodium	12400		E	P	J	JY
7440-28-0	Thallium						
7440-62-2	Vanadium						
7440-66-6	Zinc						
	Cyanide						

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW7SL

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-016

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium	14000		E	P
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

J J4

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW9DH

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-021

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M		
7429-90-5	Aluminum						
7440-36-0	Antimony						
7440-38-2	Arsenic						
7440-39-3	Barium						
7440-41-7	Beryllium						
7440-43-9	Cadmium						
7440-70-2	Calcium						
7440-47-3	Chromium						
7440-48-4	Cobalt						
7440-50-8	Copper						
7439-89-6	Iron						
7439-92-1	Lead						
7439-95-4	Magnesium						
7439-96-5	Manganese						
7439-97-6	Mercury						
7440-02-0	Nickel						
7440-09-7	Potassium						
7782-49-2	Selenium						
7440-22-4	Silver						
7440-23-5	Sodium	121000		E	P	J	J4
7440-28-0	Thallium						
7440-62-2	Vanadium						
7440-66-6	Zinc						
	Cyanide						

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW9DL

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-022

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium	343000		E	P
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

J J4

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW9SH

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-019

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium	194000		E	P
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

J J4

Color Before: YELLOW Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

9MW9SL

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: DAVIS SAS No.: SDG No.: MDAV19

Matrix (soil/water): WATER Lab Sample ID: 40070-020

Level (low/med): LOW Date Received: 04/26/94

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury				
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium	108000		E	P
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

J JY

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Field Identification: 9MW2SH Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	280	10	40070-023	04/27/94	1657	160.1/1
Chloride (mg/L)	50	10	40070-023	04/28/94	595	325.1/1
Salinity (g/L)	BDL	1	40070-023			2520B/3

Field Identification: 9MW2SL Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	270	10	40070-024	04/27/94	1657	160.1/1
Chloride (mg/L)	50	10	40070-024	04/28/94	595	325.1/1
Salinity (g/L)	BDL	1	40070-024			2520B/3

Field Identification: 9MW3DH Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	310	10	40070-025	04/27/94	1657	160.1/1
Chloride (mg/L)	40	10	40070-025	04/28/94	595	325.1/1
Salinity (g/L)	BDL	1	40070-025			2520B/3

Field Identification: 9MW3DL Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	300	10	40070-026	04/27/94	1657	160.1/1
Chloride (mg/L)	40	10	40070-026	04/28/94	595	325.1/1
Salinity (g/L)	BDL	1	40070-026			2520B/3

Field Identification: 9MW7SH Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	390	10	40070-027	04/27/94	1657	160.1/1
Chloride (mg/L)	30	10	40070-027	04/28/94	595	325.1/1
Salinity (g/L)	BDL	1	40070-027			2520B/3

Field Identification: 9MW7SL Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	380	10	40070-028	04/27/94	1657	160.1/1
Chloride (mg/L)	30	10	40070-028	04/28/94	595	325.1/1
Salinity (g/L)	BDL	1	40070-028			2520B/3

Field Identification: 9MW7DH Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	940	10	40070-029	04/27/94	1657	160.1/1
Chloride (mg/L)	370	10	40070-029	04/28/94	595	325.1/1
Salinity (g/L)	BDL	1	40070-029	05/04/94	40042	2520B/3

Field Identification: 9MW7DL Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	1000	10	40070-030	04/27/94	1657	160.1/1
Chloride (mg/L)	410	10	40070-030	04/28/94	595	325.1/1
Salinity (g/L)	BDL	1	40070-030	05/04/94	40042	2520B/3

Field Identification: 9MW9SH Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	1000	10	40070-031	04/27/94	1657	160.1/1
Chloride (mg/L)	220	10	40070-031	04/28/94	595	325.1/1
Salinity (g/L)	1.0	1	40070-031	05/04/94	40042	2520B/3

Field Identification: 9MW9SL Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	820	10	40070-032	04/27/94	1657	160.1/1
Chloride (mg/L)	100	10	40070-032	04/28/94	595	325.1/1
Salinity (g/L)	BDL	1	40070-032	05/04/94	40042	2520B/3

Field Identification: 9MW9DH Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	660	10	40070-033	04/27/94	1657	160.1/1
Chloride (mg/L)	270	10	40070-033	04/28/94	595	325.1/1
Salinity (g/L)	BDL	0.5	40070-033	05/04/94	40042	2520B/3

Field Identification: 9MW9DL Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	1500	10	40070-034	04/27/94	1657	160.1/1
Chloride (mg/L)	680	10	40070-034	04/28/94	595	325.1/1
Salinity (g/L)	1.5	1	40070-034	05/04/94	40042	2520B/3

References: 1) 40 CFR Part 136, Friday, October 26, 1984
3) Standard Methods, 17th Edition

Field Identification: DA9SW1 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Dissolved Solids (mg/L)	2300	10	40169-002	05/09/94	1658	160.1/1
Chloride (mg/L)	1200	5	40169-002	05/09/94	600	325.1/1
Salinity (g/L)	2.5	1	40169-002	05/13/94	40374	2520B/3

References: 1) 40 CFR Part 136, Friday, October 26, 1984
3) Standard Methods, 17th Edition

APPENDIX I

PHASE II DATA VALIDATION

SITE 09
DATA VALIDATION SUMMARY
TABLE OF CONTENTS

SECTION PAGE

1.0 INTRODUCTION 1
1.1 Data Validation Summary 1
1.2 Organic Analyses 2
1.3 Inorganic Analysis 6
1.4 Conclusions 8

2.0 SITE 09 - ALLEN HARBOR LANDFILL 9
2.1 Site 09 Soil Data 9
2.1.1 Organic Analyses 9
2.1.2 Inorganic Analyses 12
2.2 Site 09 Water Data 13
2.2.1 Organic Analyses 13
2.2.2 Inorganic Analyses 14

3.0 BACKGROUND SURFACE SOIL SAMPLES 16
3.1 Background Surface Soil Data 16
3.1.1 Organic Analyses 16
3.1.2 Inorganic Analyses 18

1.0 INTRODUCTION

Validation of the analytical sample results for this project was completed by Heartland Environmental Services of St. Peters, Missouri, and Roy F. Weston of West Chester, Pennsylvania, according to U.S. EPA Region I and NEESA protocols. Data validation is the process of reviewing the quality control (QC) and quality assurance (QA) areas of the analytical data to determine the data limitations and evaluate the usability of the data. The following guidelines and protocols were followed by Heartland and Weston in the validation of the project data:

U.S. EPA CLP OLM01.8 Statement of Work, August 1991;

U.S. EPA, Region I, Laboratory Data Validation Functional Guidelines for Evaluating Organic Analyses, February 1988;

National Functional Guidelines for Organic Data Review, Multi-Media, Multi-Concentration (where applicable);

NEESA Level D requirements;

U.S. EPA, Region I, Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses, June 1988;

U.S. EPA, Contract Laboratory Program, Statement of Work, for Inorganics Analysis, Multi-Media, Multi-Concentration, 7/87; and

U.S. EPA, Contract Laboratory Program, Statement of Work, for Organics Analysis, Multi-Media, Multi-Concentration, 2/88.

1.1 Data Validation Summary

Data validation is related to specific performance requirements established in the U.S. EPA, Contract Laboratory Program (CLP) Statements of Work for organic and inorganic sample analysis. Areas under the laboratory's control and reviewed in the validation of organic data include the following: sample holding times, gas chromatography/mass spectroscopy (GC/MS) tuning, instrument calibration, blank analysis, surrogate recovery, matrix spike/matrix spike

duplicates, internal standards (IS) performance, Target Compound List (TCL) compound identification, compound quantitation and reported detection limits, tentatively identified compounds, system performance, and overall assessment of the data for usability.

The areas reviewed in the validation of inorganic data include the following: sample holding times, instrument calibration and initial calibration verification, continuing calibration verification, Contract Required Detection Limit (CRDL) standards for Atomic Absorption (AA) and Inductively Coupled Plasma (ICP) spectrometers, initial and continuing calibration blank analysis, ICP interference check sample analysis, spiked sample analysis, post digested spike sample recovery analysis, duplicate sample analysis, laboratory control sample analysis, ICP serial dilution analysis, graphite furnace AA QC analysis, quarterly verification of instrument parameter report, and sample result verification.

Data validation was conducted in accordance with the requirements specified in U.S. EPA CLP protocols, Region I Data Validation Guidelines, and NEESA Guidelines. Qualifiers attached to the data during validation supersede the laboratory qualifiers. The qualifiers offered by validation represent the QC areas under the laboratory's control which could have been improved. Presented below are overviews of organic and inorganic data validation criteria and areas of common concern.

1.2 Organic Analyses

Areas of common concern in the validation of organic analyses results of the type completed for this project included: trace-level blank contamination, instrument calibrations, GC/MS tuning, holding time exceedances, surrogate recoveries, spike recoveries, and internal standard areas. Evaluation of these criteria and criteria specified in the guidelines listed previously typically result in the assignment of data validation qualifiers to raw laboratory data.

Such qualifiers may indicate that reported values are estimated ("J") or that a compound was analyzed for but not detected in the sample ("U"). Estimated values indicate the actual presence of the compound is real in the sample but that the associated numerical value is an estimated quantity.

Blank compound contamination indicates the possibility of contamination of the associated environmental sample. Common laboratory contaminants are often detected in the analysis of environmental samples, field blanks, trip blanks, and laboratory method blanks. Common laboratory contaminants, as defined in the U.S. EPA Region I Data Validation Guidelines, include the following compounds: methylene chloride, acetone, 2-butanone, toluene, and common phthalate esters. For these compounds, sample results are qualified by elevating the limit of detection when the sample concentration is less than ten times the blank concentration of the compound. A sample concentration greater than ten times the concentration found in the associated blanks is considered "real" and not qualified. For sample concentrations reported at levels less than the CRQL, the CRQL is reported and the results are qualified as undetected ("U"). The presence of other compounds in laboratory blanks also results in the qualification of the sample data. Sample compound concentrations are qualified undetected ("U") when the sample concentration is less than five times the compound concentration detected in the associated blanks. When sample concentration is greater than five times the concentration detected in the associated blank, no qualifier is placed on the sample data. Instrument calibration criteria have been established to ensure that the laboratory instrument is capable of producing acceptable quantitative data. Instrument calibration is completed prior to analyzing any of the samples and again at a specified time during the analysis. Initial calibration ensures that the instrument is initially capable of producing acceptable data. Continuing calibration ensures that daily maintenance and adjustments are being completed as needed on the instrument.

Calibration is evaluated using the Relative Response Factors (RRF) for the TCL compounds associated with the specific fraction being analyzed, Percent Relative Standard Deviation (%RSD) of the same TCL compounds, and the Percent Difference (%D) between the initial calibration RRF and the continuing calibration RRF. Calculated values of these criteria must be within specific established guidelines. Qualification of data using flags or qualifiers occurs when these criteria are not met, indicating that the quantitation value is an estimate or the data is unusable.

GC/MS tuning is a performance criterion established to ensure mass resolution, identification, and to some degree, sensitivity. Established ion abundance criteria for specific compounds must be met each time the tune is performed. The volatile organic tune is performed using bromofluorobenzene (BFB). The semi-volatile organic tune is performed using decafluorotriphenylphosphine (DFTPP). According to the EPA CLP Statement of Work for Organic Analysis, the instrument tune is completed every twelve hours, ensuring that the identification of target compounds in the samples being analyzed is accurate. A completed tune that does not meet the specific ion abundance criteria for the compound must be discarded and sample analysis stopped. The ion abundance criteria must be met in all circumstances, prior to the analysis of samples. Laboratory performance on specific samples is measured through the recovery of surrogate compounds. Each sample is fortified with surrogate spiking compounds before purging or extraction in order to monitor preparation and analysis of samples. Surrogate recoveries must be within established guidelines or repurging, reinjection, or re-extraction must be performed. Data qualifiers are used when the surrogate recoveries are out of specification. Detected compounds in sample results are flagged as estimated ("J"), and undetected compounds in sample results are flagged as either rejected ("R") or estimated ("J"), depending upon the surrogate response.

Matrix spike and matrix spike duplicate (MS/MSD) analyses are performed to determine long-term precision and accuracy of the analytical method on the various matrices. A matrix spike is a specific set of compounds added to a sample to ensure the sample matrix does not interfere with compound analysis. A duplicate of this procedure is also completed to obtain relative percent difference (RPD) and percent relative standard deviation (%RSD) values. Spike recoveries, RPD, and RSD values outside the advisory limits are reviewed and qualifiers are placed on the data depending upon the recovery results.

Field duplicate sample results are reviewed as an indication of overall precision. The Relative Percent Difference (RPD) for all compounds in water must be less than 30 percent. If any results have a RPD of greater than 30 percent in water, estimate ("J") the positive results for that compound in both samples. The Relative Percent Difference (RPD) for all compounds in soil must be less than 50 percent. If any results have an RPD of greater than 50 percent in soil, estimate ("J") the positive results for that compound in both samples.

Another area reviewed during data validation is Internal Standards (IS) Performance. The IS performance criteria ensure that GC/MS sensitivity and response are stable during every analysis. A specific compound standard is added to each sample, producing a chromatogram of known size with a specific retention time. The size of the internal standard area computed for each individual sample must not vary by more than a factor of two from that of the associated calibration standard. The retention time of the internal standard must also not vary more than ± 30 seconds from the associated calibration standard. Analyses which do not fall within these criteria are flagged as either quantitation estimates, non-detect estimates, or non-detect rejections, depending upon the size of the sample's standard peak area.

Organic data validation qualifiers used in this report are defined by U.S. EPA Region I, Laboratory Data Validation Functional Guidelines for Evaluating Organic Analysis. The data qualifiers used are defined as follows:

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

J - The associated numerical value is an estimated quantity.

R - The data are unusable (compound may or may not be present). Resampling and reanalysis is necessary for verification.

UJ - The material was analyzed for, but was not detected. The sample quantitation limit is an estimated quantity.

B - The compound was detected at a value above the instrument detection limit but below the contract required detection limit.

1.3 Inorganic Analysis

Validation of inorganic data for the sites in this report typically required qualification of sample data relative to the following quality control areas: blank contamination, matrix spike recoveries, relative percent difference values in the laboratory duplicate, initial and continuing calibration, and ICP interference. Each of these areas are discussed below.

Laboratory blank contamination typically results in the qualification of the associated sample data. The absolute value of the concentration of an analyte detected in the laboratory blank must be less than the Contract Required Detection Limit (CRDL) for that analyte. Blank analyses reporting detection of analytes in the laboratory blanks above the CRDL indicate blank contamination. Action levels are established as 5x the maximum concentrations of each analyte detected in any blank. For sample results less than the established action levels, the results are qualified as undetected ("U") for these analytes. For sample results greater than the established action levels, the results are reported unqualified.

Matrix spike sample analysis is designed to provide information on the effect of the sample matrix on the sample digestion and analytical measurement methodology. The spiking compounds are added to a specific sample prior to digestion or distillation. If the recovery of the spike is not within the EPA CLP advisory values, the sample data associated with the matrix spike is qualified as estimated ("J").

Relative percent difference (RPD) data generated from the laboratory duplicate sample analyses are used to evaluate the long-term precision of the analysis. If the duplicate sample results (RPD) are outside the established control limits, qualifiers are placed on the associated sample data. Sample concentrations are qualified as estimated ("J") due to RPD being outside of the control limits.

The initial calibration and continuing calibration verification is performed to insure accuracy of the analytical data. Upon completion of instrument calibration, the initial calibration verification (ICV) solution is analyzed. The analysis of the continuing calibration verification (CCV) solution is completed at specified times throughout the analysis. When the analytical results of these calibration checks exceed EPA CLP guidance control limits, the analysis must be terminated, the problem corrected, the instrument recalibrated, and the calibration reverified. Samples analyzed with the calibration checks exceeding the limits are qualified as estimates ("J").

The ICP interference check sample analysis is used to verify the inter-element and background correction factors affecting the instrument. The analysis of a solution containing both interfering and analyte elements of known concentrations must fall within guidance control limits of the true values of these analytes. If not, the analysis must be terminated, the problem corrected, the instrument recalibrated, and the analytical samples reanalyzed. Sample results

outside of guidance limits associated with ICP interference check sample analysis are qualified as estimated ("J").

Inorganic data validation qualifiers used in this project are defined by USEPA Region I, Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analysis. The qualifiers used are defined as follows:

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

J - The associated numerical value is an estimated quantity.

R - The data are unusable (compound may or may not be present). Resampling and reanalysis is necessary for verification.

UJ - The material was analyzed for, but was not detected. The sample quantitation limit is an estimated quantity.

1.4 Conclusions

Data validation is a review of the quality control factors associated with environmental sample analysis. Validated data have been objectively reviewed by a qualified professional to evaluate the overall quality of the data. Qualifiers placed on data as a result of validation result in changes to some aspects of the reported data. Data qualifier changes resulting from the data validation have been made in the data tables provided in the appendices of this report.

The process of data validation aids the data user in identifying deviations from the CLP SOW, poor quality control results, matrix interferences, and other analytical problems that may compromise the potential use of the data. In turn, the findings of data validation indicate the potential areas of concern with respect to data quality and assist the user in knowing the limits of the data usability.

2.0 SITE 09 - ALLEN HARBOR LANDFILL

Prior to assessing the analytical data for Site 09, data validation was performed and data validation qualifiers added to the data, where applicable. Data validation found the data associated with Site 09 to be acceptable, with few exceptions. There were few data rejections necessary.

The following sections summarize by media and by analytical fraction the data qualifiers assigned as a result of the data validation process and the criteria upon which the qualifiers were assigned. A more detailed description of the affected data is included. Common data qualifiers referenced in the following sections include the following: estimated ("J"), undetected ("U") and rejected ("R").

2.1 Site 09 Soil Data

2.1.1 Organic Analyses

Data validation of the Site 09 soil sample results identified organic analytical data which required qualification or rejection. Overall the data quality was satisfactory. There were several calibration outliers, blank contamination and surrogate outliers: however, no major problems were encountered during the sample analyses. The data were considered representative and were qualified as mentioned below. Organic analyses for the soil samples at Site 09 consisted of analysis of volatiles (VOCs), semivolatiles (SVOCs) and pesticide/PCBs. Qualifiers were assigned to the data on the basis of blank results, holding times, initial instrument calibration, surrogate recoveries, matrix spike/matrix spike duplicate results, compound quantitation, and field duplicate precision.

Volatile Organic Compounds (VOCs) - Volatile organic fractions of the Site 09 soil data were qualified due to blank contamination, holding times, initial calibration analysis, surrogate recoveries, matrix spike/matrix spike duplicates, and compound quantitations. Methylene chloride, acetone, and toluene were detected in the blanks associated with these samples. Sample concentrations less than ten times the concentrations found in the associated blanks were qualified as undetected ("U") due to blank contamination. For sample concentrations reported at levels less than the CRQL, the CRQL is reported in the data summary table; these results were qualified as undetected ("U"). The initial calibrations for some of the soil samples exhibited 2-butanone, acetone, and methylene chloride to be outside of QC criteria. All positive compounds were qualified as estimated ("J") and the non-detects were qualified as estimated detection limits ("UJ").

Semivolatile Organic Compounds (SVOCs) - In general, several semivolatile organic compounds (SVOCs) were identified in the soil samples collected from Site 09 and data were considered acceptable. Data qualifications were made on the basis of calibration analysis, blank results, sample identification, and surrogate recoveries.

The positive results for bis(2-ethylhexyl)phthalate and di-n-butylphthalate were qualified as undetected ("U") in several Site 09 soil samples due to the presence of this compound in the lab blank. Several compounds exhibited %RSD results, %D results, and surrogate recoveries outside of the QC criteria. Positive values which were not within the criteria were qualified as estimated ("J"). The non-detect values were qualified as having estimated detection limits ("UJ"). Several Site 09 surface soil samples exhibited sample identification (retention time) problems with respect to resolving the isomers benzo(b)fluoranthene and benzo(k)fluoranthene. The reported sample results were qualified as estimated ("J"). The non-detected values for 2,2-

oxybis(1-chloropropane) and 4-nitrophenol were qualified as having estimated detection limits ("UJ") due to %D being greater than 50% in the corresponding continuing calibration. The results for pyrene were qualified as estimated in several samples due to the matrix spike recovery being below the required limit in the matrix spike duplicate sample.

Pesticide and PCB Compounds - Data validation of the Site 09 soil data for pesticides/PCBs resulted in few data qualifications. Data were qualified on the basis of data completeness, holding times, instrument calibrations, blank results, surrogate recoveries, and compound quantitation data validation criteria. All data were considered acceptable.

The positive results for dieldrin and/or endrin in several samples were qualified as estimated ("J") or undetected ("U") due to %RSDs over 20% or presence in the blank. Positive results for heptachlor and 4,4-DDD were also qualified as undetected ("U") due to their presence in the blank. Soil sample 09-MW6-08 positive values were qualified as estimated ("J") and non-detect results were qualified as having estimated detection limits ("UJ") due to an exceedance of the extraction holding time criteria by one day. For some of the Site 09 soil samples, initial instrument calibrations for alpha-BHC were outside of QC limits and low surrogate recoveries were exhibited. The associated sample data were qualified as estimated ("J") for positive values and as having estimated detection limits ("UJ") for non-detected values. The positive and non-detected results for gamma-BHC, heptachlor, aldrin, DDT, and 4,4-DDE were qualified as estimated ("J" and "UJ") due to poor reproducibility between field duplicate results. Some of the Site 09 soil sample positive results exhibited %D between column values that exceeded 25% and were qualified as estimated ("J").

2.1.2 Inorganic Analyses

Validation of the Site 09 data for the soil inorganic analyses identified some data which required qualification. Site 09 inorganic soil sample data were qualified due to CRDL standard analysis, laboratory and rinsate blank results, ICP interference check sample results, matrix spike recovery, laboratory and field duplicate results, furnace atomic absorption results, and data completeness data validation criteria. Overall, the data quality was considered acceptable with one exception. Some data for selenium were rejected due to the 0% matrix spike recovery. The data were qualified as discussed below.

The CRDL percent recoveries for chromium, copper, antimony, nickel, selenium, silver, and lead analyzed by ICP in several Site 09 soil samples were outside the QC validation requirements. The non-detected results were qualified as estimated ("UJ") or were accepted unqualified and the positive results up to 3X the CRDL or IDL for the associated metals were qualified as estimated ("J"). Aluminum, arsenic, beryllium, cadmium, copper, iron, manganese, silver, sodium, and zinc were detected at low levels in the preparation and calibration blanks associated with the soil samples for Site 09. Some of the soil sample data were qualified as undetected ("U") or were accepted unqualified for these analytes due to the associated blank contamination. The matrix spike recoveries for antimony, arsenic, cadmium, chromium, cyanide, manganese, mercury, nickel, selenium, silver and thallium were outside of QC criteria for several samples. The reported non-detected results for selenium were rejected ("R") and the positive results were qualified as estimated ("J"). For all the other analytes, the positive results were qualified as estimated ("J") and the non-detect results were qualified as having estimated detection limits ("UJ") or were accepted unqualified. Sample 09-SS05 and its associated field duplicate sample 09-SS08 showed low reproducibility for mercury and, therefore, the positive

results for mercury were qualified as estimated ("J"). The RPD for cadmium, calcium, copper, iron, lead, manganese, nickel, silver, vanadium, and zinc were above the QC requirement levels during laboratory duplicate analysis. The positive results for these analytes were qualified as estimated ("J") due to poor reproducibility. Several of the Site 09 soil samples analyzed by graphite furnace exhibited analytical spike recoveries outside of the acceptable QC range. Due to the matrix interferences, the results and the non-detected values were qualified estimated ("J" or "UJ").

2.2 Site 09 Ground Water Data

2.2.1 Organic Analyses

Validation of the Site 09 ground water organic sample data identified data which required qualification. The data were qualified due to blank sample results, matrix spike/matrix spike duplicates, surrogate recoveries, field duplicates, and instrument calibration data validation criteria.

Volatile Organic Compounds (VOCs) - Methylene chloride was detected in the method blanks associated with the Site 09 ground water samples. Trichloroethene was detected in a trip blank associated with the Site 09 ground water samples. Sample concentrations of methylene chloride less than ten times the concentration detected in the method blank and trichloroethene sample concentrations less than five times the trip blank concentration were qualified as undetected ("U") due to blank contamination. Sample concentrations reported at levels less than the CRQL were reported in the data tables as the CRQL and were qualified as undetected ("U"). Based on initial instrument calibration data, several Site 09 ground water sample positive results for VOCs were qualified as estimated ("J"). VOC compounds qualified as estimated ("J")

included acetone, 2-hexanone, chloromethane, methylene chloride, carbon disulfide, 2-butanone, bromoform, 4-methyl-2-pentanone, and 1,1,2,2,-tetrachloroethane. All data were considered acceptable.

Semivolatile Organic Compounds (SVOCs) - In general, several semivolatile organic compounds (SVOCs) were identified in the ground water samples collected from Site 09 and data were considered acceptable. Data qualifiers were assigned on the basis of method blank results, rinsate blank results, and instrument calibrations. Bis(2-ethylhexyl)phthalate, diethylphthalate, and phenol were identified in several of the method blanks associated with the Site 09 SVOC ground water samples. Sample concentrations of these compounds less than ten times the concentration detected in the method blanks were qualified as undetected ("U") due to blank contamination. Sample concentrations reported at levels less than the CRQL were reported in the data tables as the CRQL and were qualified as undetected ("U"). Based on continuing instrument calibration data, several Site 09 ground water sample positive results for SVOCs were qualified as estimated ("J"). All data were considered acceptable.

Pesticide and PCB Compounds - Data validation of the Site 09 ground water data for pesticides/PCBs resulted in few data qualifications. Data were qualified on the basis of instrument calibrations, blanks, matrix spike/matrix spike duplicate, surrogate recoveries, and field duplicates data validation criteria. All data were considered acceptable.

Heptachlor was identified in the method blank and positive results found in samples 09-MW5S and 09-MW13D were replaced by the CRQL and qualified as estimated ("J"). For several Site 09 ground water samples, the reported non-detect results for alpha and gamma-BHC were qualified as having estimated detection limits ("UJ") due to %RSDs in the initial calibration above the QC limit. Several ground water samples were qualified as estimated ("U" or "UJ")

due to low surrogate recoveries. For several ground water samples, the reported positive result for endosulfan II was replaced by the CRQL and qualified as estimated ("J"), due to extreme (<500%) differences between column quantitations.

2.2.2 Inorganic Analyses

Validation of the data associated with the inorganic analyses of the Site 09 ground water samples identified data which required qualification. The data were qualified due to laboratory and field blank sample results, matrix spike recovery, laboratory duplicate results, and furnace atomic absorption results data validation criteria. Calcium, sodium, zinc, manganese, iron and cadmium were detected at low levels in the laboratory blanks associated with the samples. Sample data were qualified as undetected ("U") or left unqualified, as appropriate, for these analytes. The matrix spike/matrix spike duplicates for lead, silver, thallium, selenium, cadmium, and arsenic associated with several of the Site 09 ground water samples were outside of QC criteria. The associated Site 09 ground water sample results were qualified as estimated ("J") or estimated detection limits ("UJ"). During analytical spiking, some Site 09 inorganic ground water samples exhibited poor recoveries for GFAA. The data results for arsenic, thallium, lead, silver, cadmium, and selenium were qualified as estimated ("J") or as having estimated detection limits ("UJ"). The correlation coefficient was below 0.995 for lead, selenium, arsenic, and cadmium in several Site 09 ground water samples. The associated positive and non-detect results were qualified as estimated ("J") or as having estimated detection limits ("UJ"). For several Site 09 ground water samples, aluminum and zinc were qualified as estimated ("J") or as having estimated detection limits ("UJ") due to poor precision in the associated laboratory duplicates.

3.0 BACKGROUND SURFACE SOIL SAMPLE DATA

Prior to assessing the analytical data for the surface soil background samples, data validation was performed and data validation qualifiers added to the data, where applicable. Data validation found the data associated with the surface soil background samples to be acceptable, with few exceptions.

The following sections summarize by analytical fraction the data qualifiers assigned to the surface soil background data as a result of the data validation process and the criteria upon which the qualifiers were assigned. A more detailed description of the affected data is included. Common data qualifiers referenced in the following sections include the following: estimated ("J"), undetected ("U") and rejected ("R").

3.1 Background Surface Soil Data

3.1.1 Organic Analyses

Data validation of the background surface soil sample results identified organic analytical data which required qualification. Overall the data quality was satisfactory. No major problems were encountered during the sample analyses. The data were considered representative and were qualified as mentioned below. Organic analyses for the background surface soil samples consisted of analysis of volatiles (VOCs), semivolatiles (SVOCs) and pesticide/PCBs. Qualifiers were assigned to the data on the basis of laboratory method blank results, initial instrument calibration, holding times, surrogate recoveries, field duplicate precision and compound quantitation validation criteria.

Volatile Organic Compounds (VOCs) - Volatile organic fractions of the surface soil background sample data were qualified due to blank contamination and initial and continuing calibration analyses. Methylene chloride and acetone were detected in the laboratory method

blanks associated with these samples. Sample concentrations less than ten times the concentrations found in the associated blanks were qualified as undetected ("U") due to blank contamination. For sample concentrations reported at levels less than the CRQL, the CRQL was reported in the data summary table; these results were qualified as undetected ("U"). The initial and continuing calibrations for some of the background surface soil samples exhibited trans-1,3-dichloropropane to be outside of QC criteria. All associated positive results were qualified as estimated ("J") and the non-detects were qualified as estimated detection limits ("UJ").

Semivolatile Organic Compounds (SVOCs) - In general, few semivolatile organic compounds (SVOCs) were identified in the background surface soil samples and data were considered acceptable. Data qualifications were made on the basis of instrument calibrations and laboratory method blanks data validation criteria.

The positive results for pentachlorophenol, bis(2-ethylhexyl)phthalate and butylbenzylphthalate were qualified as undetected ("U") in several background surface soil samples due to these compounds being detected in the laboratory method blank. During the continuing calibrations, several compounds exhibited %RSD results and/or %D results outside of the QC criteria. Positive values which were not within the criteria were qualified as estimated ("J"). The non-detect values were qualified as estimated detection limits ("UJ") or were rejected ("R"), as necessary.

Pesticide and PCB Compounds - Data validation of the background surface soil data for pesticides/PCBs resulted in few data qualifications. Data were qualified on the basis of holding times, instrument calibrations, laboratory method blanks, surrogate recoveries, field duplicate precision and compound quantitation validation criteria.

For four of the surface soil background positive soil samples, results were estimated due to an exceedance of the extraction holding time "7 day" requirement. Samples BK-SS01 and

BK-SS02 were extracted one day outside of the holding time requirement. Samples BK-SS21 and BK-SS22 were extracted two days outside of holding times. Sample results for these four samples may be biased; therefore, all positive results and non-detects were qualified as estimated ("J" and "UJ"). Positive results for methoxychlor and heptachlor were qualified as undetected ("U") due to their presence in the laboratory method blank. The positive results for alpha-BHC, dieldrin, and endrin were qualified as estimated ("J") and non-detect results for these compounds were qualified as having estimated detection limits ("UJ") due to the %RSD in the initial calibration exceeding 20%. For sample BK-SS07, all results were rejected due to extremely low surrogate recoveries. For the other background surface soil samples, low surrogate recoveries for tetrachloro-m-xylene and decachlorobiphenyl were exhibited for several samples. The associated sample data were qualified as estimated ("J") for positive values and as having estimated detection limits ("UJ") for non-detected values. The RPD results for the associated field duplicates exceeded the 50% requirement limit; therefore, both positive and non-detected results for the associated compounds were qualified as estimated ("J" or "UJ"). Several of the background surface soil sample positive results exhibited %Ds between column values that exceeded 25% and were qualified as estimated ("J").

3.1.2 Inorganic Analyses

Validation of the data for the background surface soil inorganic analyses identified some data which required qualification. The background surface soil inorganic data were qualified due to CRDL standard analysis, laboratory blank results, matrix spike recovery, laboratory and field duplicates, graphite furnace atomic absorption (GFAA) results, calibration curve results, and ICP serial dilution data validation criteria. Overall, the data quality was considered acceptable. The data were qualified as discussed below.

The CRDL percent recoveries for copper and lead analyzed by ICP in several background surface soil samples were outside the QC validation requirements. The non-detected results were qualified as estimated ("UJ") or were accepted unqualified and the positive results up to 3X the CRDL or IDL for the associated metals were qualified as estimated ("J"). Aluminum, arsenic, barium, beryllium, cadmium, calcium, chromium, copper, iron, lead, magnesium, potassium, sodium, thallium, and zinc were detected at low levels in the preparation and calibration blanks associated with some of the background surface soil samples. The soil sample data were qualified as undetected ("U") or were accepted unqualified, as appropriate, for each analyte due to the associated blank contamination. The matrix spike recoveries for arsenic, antimony, cadmium, lead, manganese, mercury, selenium, and silver were outside of QC criteria for several samples. The positive results were qualified as estimated ("J") and the non-detect results were qualified as having estimated detection limits ("UJ") or were accepted unqualified. A field duplicate sample (09-SS08) associated with several of the surface soil background samples showed low reproducibility for mercury and, therefore, the positive results for mercury were qualified as estimated ("J"). The RPDs for aluminum, iron, manganese, nickel, and zinc were above the QC requirement levels during laboratory duplicate analysis. The positive results for these analytes were qualified as estimated ("J") due to poor reproducibility. Several of the background surface soil samples analyzed by graphite furnace exhibited analytical spike recoveries outside of the acceptable QC range. The affected analytes were arsenic, cadmium, selenium, silver, and thallium. Due to the matrix interferences, the positive results and the non-detected results were qualified estimated ("J" or "UJ"). The calibration curve associated with some of the background soil samples exhibited a correlation coefficient of less than 0.995 for thallium; therefore, positive and nondetected results for thallium were qualified as estimated ("J" or "UJ"). During the serial dilution analysis, calcium, manganese, and zinc exhibited a %D

above the required QC limit and, therefore, the reported results for these analytes were qualified as estimated ("J") in several of the background soil samples.

APPENDIX J

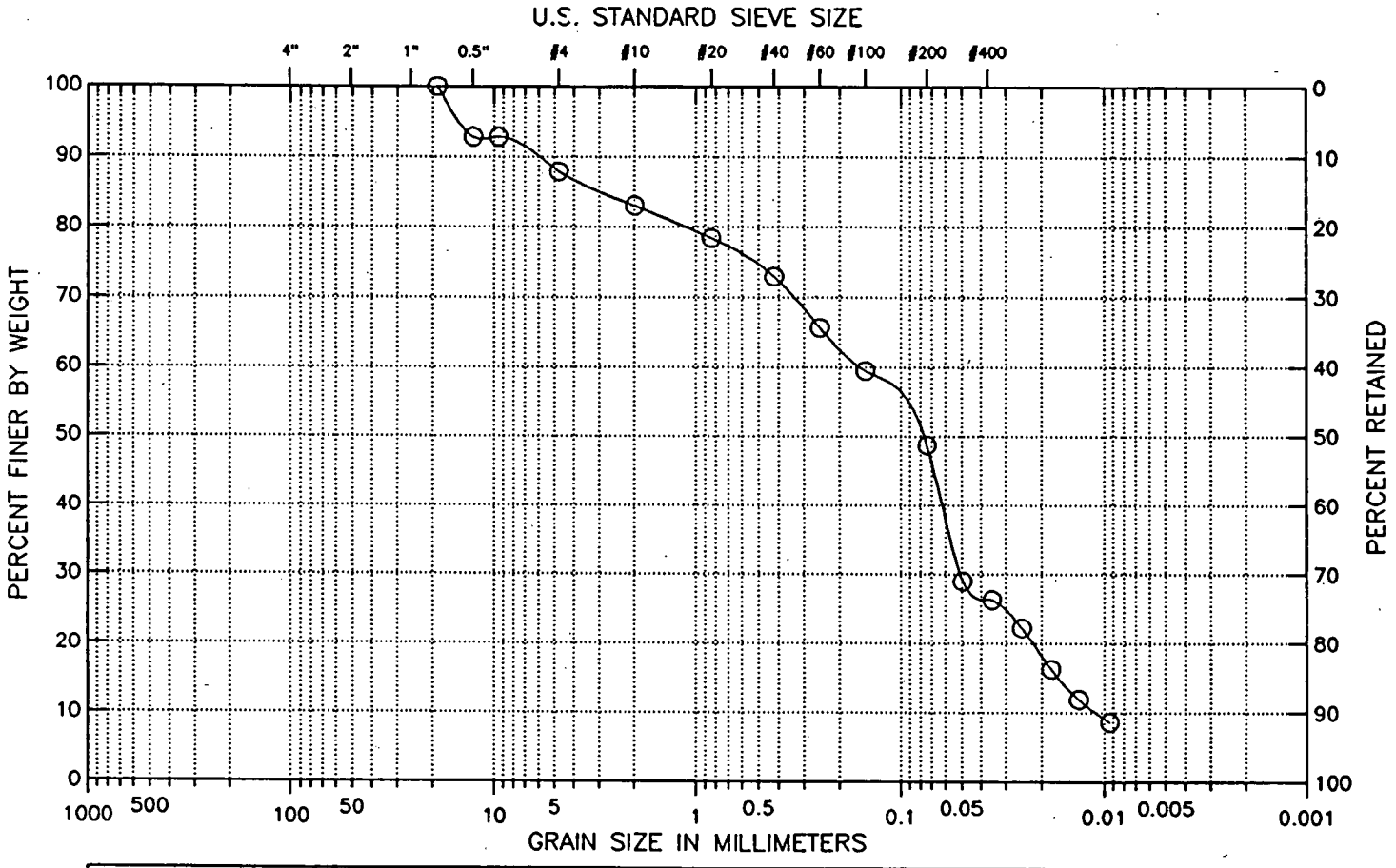
PHASE II PHYSICAL SOIL CHARACTERISTIC TEST RESULTS

NCBC–DAVISVILLE
PHYSICAL SOIL CHARACTERISTIC TEST RESULTS
Site 09

Well Number	Sample Depth (ft)	AASHTO Group Name	CEC meq/100g	PERMEABILITY cm/sec
MW–6S	22–24	Silty Gravel & Sand	8.75	NA
MW–6D	59–61	Silty Soils	8.56	NA
MW–9	24–26	Silty Soils	6.38	4×10^{-6}
MW–11S	17–19	Silty Soils	NA	1.2×10^{-5}

NOTE:
NA = Not analyzed.
CEC = Cation Exchange Capacity
SD = Allen Harbor Drainage Sediment

Boring No. : --- Sample No: 09-MW9-12 Tested by : krk Filename : 09MW912	Project : Navy - NCBC Davisville Project No.: GTX-369 Location: Davisville, RI Date : Mon Jul 19 1993



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Dark brown silt & sand with some gravel & organics

Figure 22

GEOTECHNICAL LABORATORY TEST DATA

Project : Navy - NCBC Davisville
Project No. : GTX-369
Boring No. : ---
Sample No. : 09-MW9-12
Location : Davisville, RI
Soil Description : Dark brown silt & sand with some gravel & organics
Remarks : ---

Depth : ---
Test Date : 7/9/93
Test Method : ASTM D422

Filename : 09MW912
Elevation : ---
Tested by : krk
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 34.49 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	17.30	21.20	12.05	0.049	29	0.049
2.00	16.20	21.20	10.95	0.035	26	0.035
4.00	14.50	21.20	9.25	0.025	22	0.025
8.00	12.00	21.20	6.75	0.018	16	0.018
15.00	10.10	21.50	4.95	0.013	12	0.013
30.00	8.60	21.90	3.59	0.009	9	0.009

FINE SIEVE SET

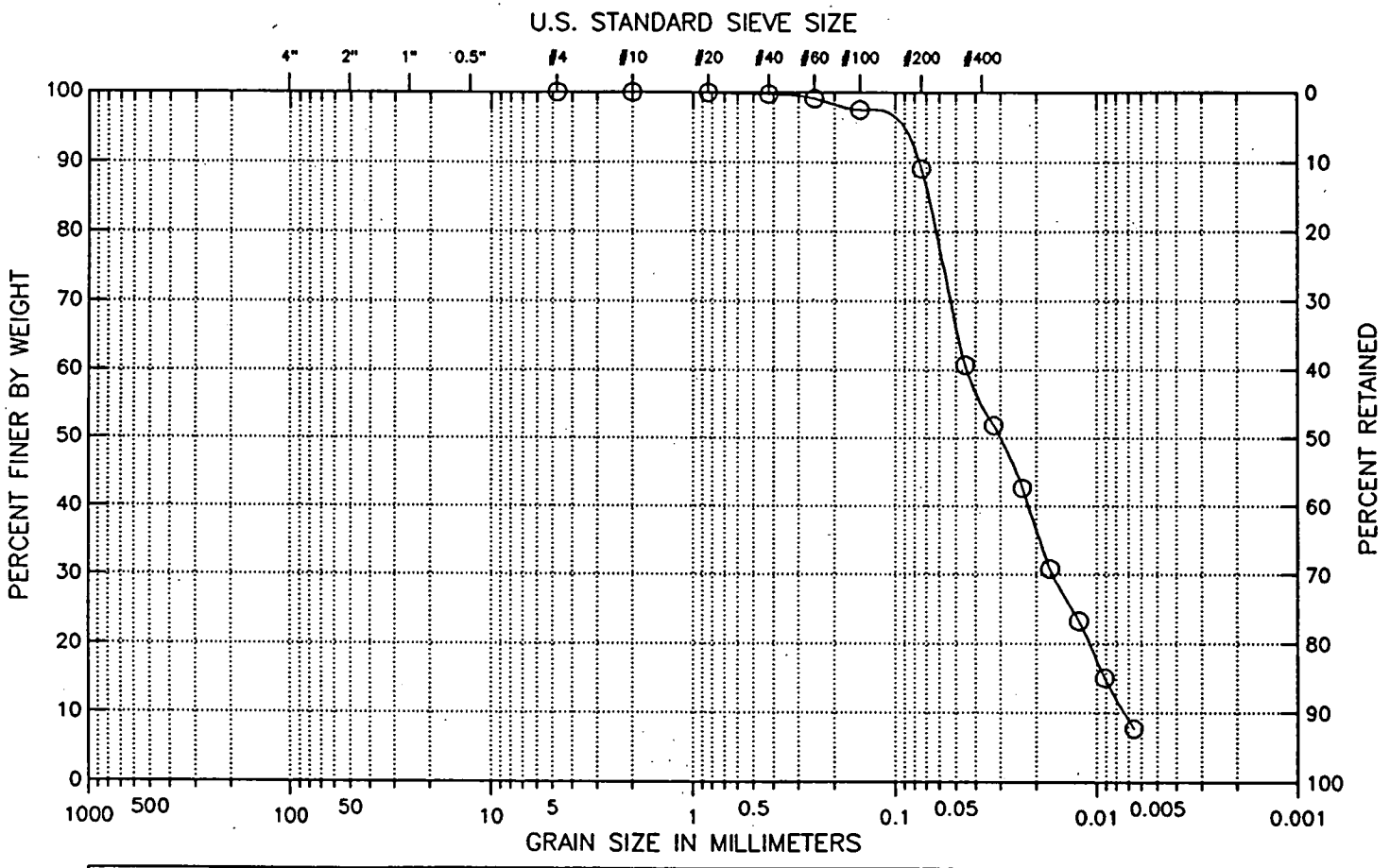
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.75"	0.748	19.00	0.00	0.00	100
0.5"	0.500	12.70	14.13	14.13	93
0.375"	0.374	9.51	0.00	14.13	93
#4	0.187	4.75	9.70	23.83	88
#10	0.079	2.00	9.58	33.41	83
#20	0.033	0.84	9.11	42.52	78
#40	0.017	0.42	10.71	53.23	73
#60	0.010	0.25	14.45	67.68	66
#100	0.006	0.15	12.09	79.77	59
#200	0.003	0.07	21.17	100.94	49
Pan			103.56	204.50	0

Total Dry Weight of Sample = 204.5

D85 : 2.8436 mm
D60 : 0.1560 mm
D50 : 0.0805 mm
D30 : 0.0503 mm
D15 : 0.0164 mm
D10 : 0.0108 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

Boring No. : --- Sample No: 09-MW6-31 Tested by : krk Filename : 09MW631	Project : Navy - NCBC Davisville Project No.: GTX-369 Location: Davisville, RI Date : Mon Jul 19 1993



Classification :

Remarks :

Visual Description :
Gray silt

Figure 27

GEOTECHNICAL LABORATORY TEST DATA

Project : Navy - NCBC Davisville
Project No. : GTX-369
Boring No. : ---
Sample No. : 09-MW6-31
Location : Davisville, RI
Soil Description : Gray silt
Remarks : ---

Depth : 59-61 ft
Test Date : 7/8/93
Test Method : ASTM D422

Filename : 09MW631
Elevation : ---
Tested by : krk
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 37.26 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	26.90	23.90	22.59	0.045	61	0.045
2.00	23.60	23.90	19.29	0.032	52	0.032
4.00	20.20	23.90	15.89	0.023	43	0.023
8.00	15.90	23.60	11.49	0.017	31	0.017
16.00	13.10	23.60	8.69	0.012	23	0.012
30.00	10.00	23.60	5.59	0.009	15	0.009
60.00	7.30	23.60	2.89	0.007	8	0.007

FINE SIEVE SET

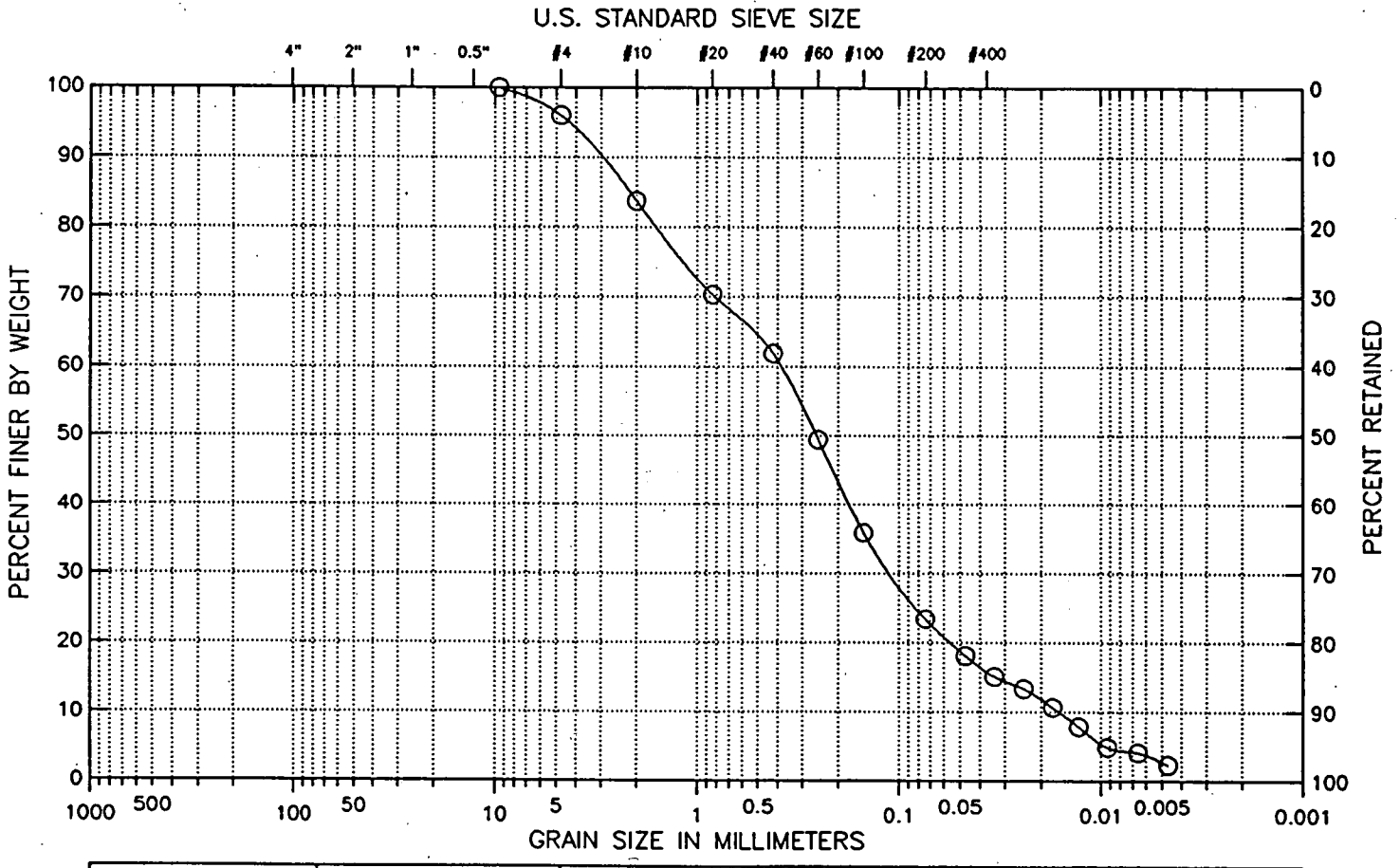
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.05	0.05	100
#20	0.033	0.84	0.05	0.10	100
#40	0.017	0.42	0.30	0.40	100
#60	0.010	0.25	0.82	1.22	99
#100	0.006	0.15	2.17	3.39	97
#200	0.003	0.07	11.25	14.64	89
Pan			127.38	142.02	0

Total Dry Weight of Sample = 142.02

D85 : 0.0689 mm
D60 : 0.0438 mm
D50 : 0.0304 mm
D30 : 0.0165 mm
D15 : 0.0091 mm
D10 : 0.0073 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

Boring No. : --- Sample No.: 09-MW6-12 Tested by : krk Filename : 09MW612	Project : Navy - NCBC Davisville Project No.: GTX-369 Location: Davisville, RI Date : Mon Jul 19 1993



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SM) Silty sand
Visual Description :
Brown sand with silt

Remarks :

Figure 23

GEOTECHNICAL LABORATORY TEST DATA

Project : Navy - NCBC Davisville
Project No. : GTX-369
Boring No. : ---
Sample No. : 09-MW6-12
Location : Davisville, RI
Soil Description : Brown sand with silt
Remarks : ---

Depth : ---
Test Date : 7/9/93
Test Method : ASTM D422

Filename : 09MW612
Elevation : ---
Tested by : krk
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 86.68 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	23.90	21.50	18.75	0.047	18	0.047
2.00	20.80	21.50	15.65	0.034	15	0.034
4.00	19.00	21.50	13.85	0.024	13	0.024
8.00	16.20	21.50	11.05	0.017	11	0.017
15.00	13.20	21.80	8.16	0.013	8	0.013
30.00	10.00	22.10	5.06	0.009	5	0.009
60.00	9.00	22.70	4.27	0.007	4	0.007
120.00	7.00	23.10	2.41	0.005	2	0.005

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	7.00	7.00	96
#10	0.079	2.00	21.62	28.62	84
#20	0.033	0.84	23.52	52.14	70
#40	0.017	0.42	14.78	66.92	62
#60	0.010	0.25	21.86	88.78	49
#100	0.006	0.15	23.64	112.42	36
#200	0.003	0.07	21.83	134.25	23
Pan			49.20	183.45	0

Total Dry Weight of Sample = 183.45

D85 : 2.1938 mm
D60 : 0.3890 mm
D50 : 0.2565 mm
D30 : 0.1069 mm
D15 : 0.0332 mm
D10 : 0.0163 mm

Soil Classification
ASTM Group Symbol : SM
ASTM Group Name : Silty sand
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

Table 1. Cation Exchange Capacity (EPA 9081)

Sample ID	Cation, meq/100g
11-MW6D-05 1022	1.64
07-MW7-06	2.31
10-MW4-06	1.29
07-MW8-05	1.41
10-MW1D-07 (18-20 ft)	2.31
10-MW5-11 (19-21 ft)	7.25
03-MW3S-10 (19-21 ft)	1.20
09-MW9-12	6.38
11-MW11-05	1.39
09-SDGS5	8.13
09-SDGR-6	5.00
13-MW3D (19-21 ft)	1.04
11-SDGS15	10.8
13-MW13-07 (12-14 ft)	0.76
13-MW12-05	1.21
03-MW4-09	1.66
09-MW6-31 (59-61 ft)	8.56
11-SDGS14	4.06
02-MW9-10	1.08
13-SD17	5.95
05-SD18-GS	17.3
09-MW6-12	8.75
11-SD6S16	11.2
10-SD30-GS	15.5

Table 1. Cation Exchange Capacity (EPA 9081)

Sample ID	Cation, meq/100g
09-SD01	13.2
09-SD02	17.1
09-SD03	16.4
09-SD08	22.3

Table 1. (cont.) Cation Exchange Capacity (EPA 9081)

Sample ID	Cation, meq/100g
06-SD11GS	8.63
02-MW10-22	1.48
13-SD21	7.63
05-SD13GS	1.84
09-SD04	8.44
05-SD22GS	7.88
09-SD19	12.1
06-SD12GS	9.31
09-SD09	11.3
13-SD20	14.6
09-SD07	9.44
09-SD10	1.94
10-SD31GS	6.38
10-SD32-GS	2.36
05-SD23GS	14.1
02-MW11	1.46
02-MW-8-13 (25-26 ft)	2.36
11-MW6S-05 1305	1.73
7-MW5-23	1.65
07-MW5-06	3.26

WARRANTY and LIABILITY

GeoTesting Express warrants that all tests it performs are run in accordance with the quoted test procedures and state-of-the-art testing methods. GeoTesting Express will correct or repeat any test that does not comply with this warranty.

GeoTesting Express may report engineering parameters that require us to interpret the test data. Such parameters are determined using accepted engineering procedures. However GeoTesting Express does not warrant that these parameters accurately reflect the true engineering properties of the *in situ* soil. Responsibility for interpretation and use of the test data and these parameters for engineering and/or construction purposes rests solely with the user and not with GeoTesting Express or any of its employees.

GeoTesting Express' liability will be limited to correcting or repeating a test which fails our warranty. GeoTesting Express' liability for damages to the Purchaser of testing services for any cause whatsoever shall be limited to the amount GeoTesting Express received for the testing services. GeoTesting Express will not be liable for any damages, or for any lost benefits or other consequential damages resulting from the use of these test results, even if GeoTesting Express has been advised of the possibility of such damages. GeoTesting Express will not be responsible for any liability of the Purchaser to any third party.

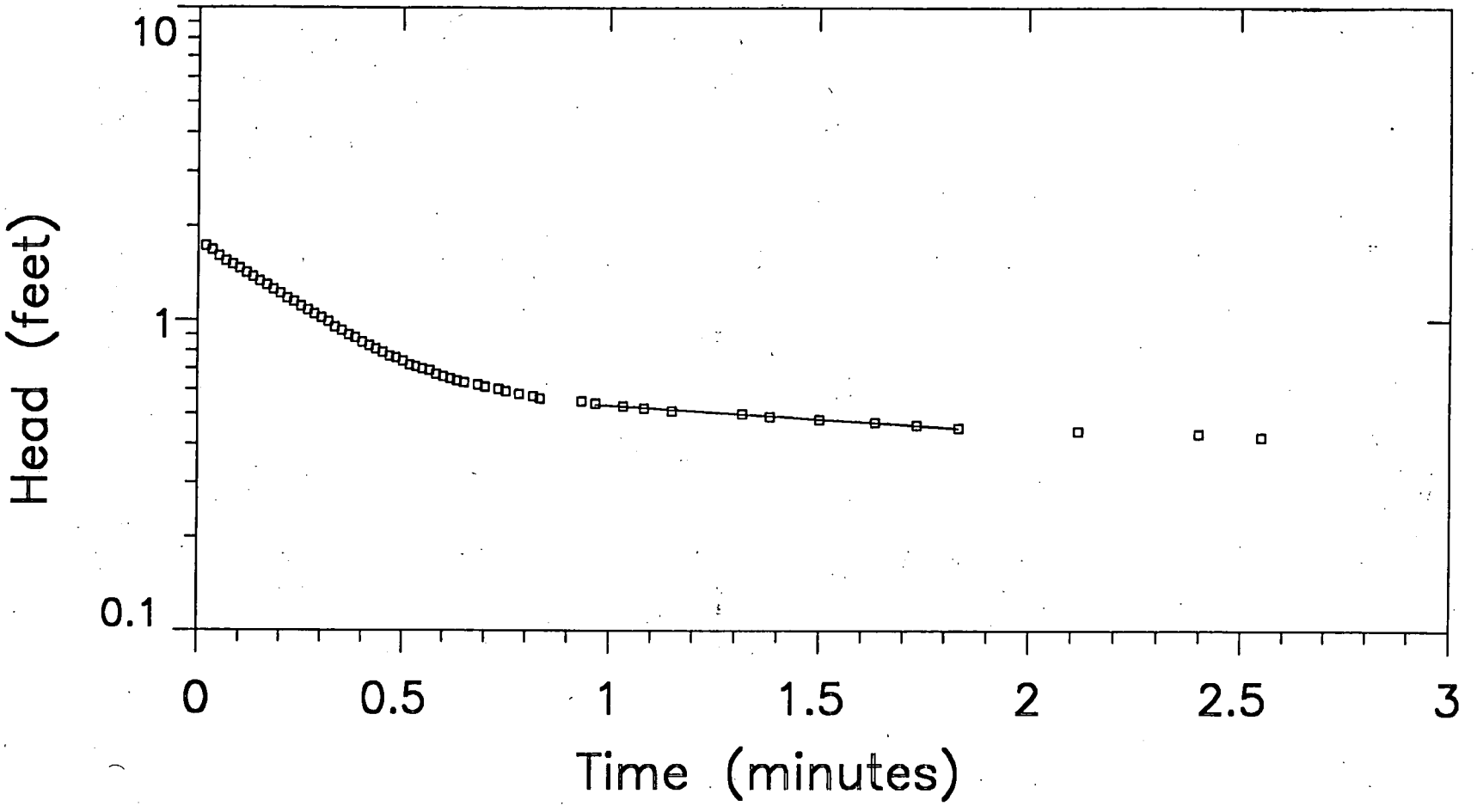
Commonly used Symbols

A	pore pressure parameter for $\Delta\sigma_1 - \Delta\sigma_3$
B	pore pressure parameter for $\Delta\sigma_3$
CIU	isotropically consolidated undrained triaxial test
CR	compression ratio for 1-D consolidation
C_c	compression index for 1-D consolidation
C_α	coefficient of secondary compression
c_v	coefficient of consolidation
c	cohesion intercept for total stresses
c'	cohesion intercept for effective stresses
D	diameter of specimen
D_{10}	diameter at which 10% of soil is finer
D_{15}	diameter at which 15% of soil is finer
D_{50}	diameter at which 50% of soil is finer
D_{60}	diameter at which 60% of soil is finer
D_{85}	diameter at which 85% of soil is finer
d_{50}	displacement for 50% consolidation
d_{90}	displacement for 90% consolidation
d_{100}	displacement for 100% consolidation
E	Young's modulus
e	void ratio
e_c	void ratio after consolidation
e_0	initial void ratio
G	shear modulus
G_s	specific gravity of soil particles
H	height of specimen
I_p	plasticity index
i	gradient
K_0	lateral stress ratio for 1-D strain
k	permeability
LI	liquidity index
m_v	coefficient of volume change
n	porosity
PI	plasticity index
P_c	preconsolidation pressure
p	$(\sigma_1 + \sigma_3) / 2$, $(\sigma_v + \sigma_h) / 2$
p'	$(\sigma'_1 + \sigma'_3) / 2$, $(\sigma'_v + \sigma'_h) / 2$
p'_c	p' at consolidation
Q	quantity of flow
q	$(\sigma_1 - \sigma_3) / 2$
q_f	q at failure
q_0 , q_i	initial q
q_c	q at consolidation
S	degree of saturation
SL	shrinkage limit
s_u	undrained shear strength
T	time factor for consolidation
T	temperature
t	time
U, UC	unconfined compression test
UU, Q	unconsolidated undrained triaxial test
u_a	pore gas pressure
u_e	excess pore water pressure
u, u_w	pore water pressure
V	total volume
V_g	volume of gas
V_s	volume of solids
V_v	volume of voids
V_w	volume of water
V_0	initial volume
v	velocity
W	total weight
W_s	weight of solids
W_w	weight of water
w	water content
w_c	water content at consolidation
w_f	final water content
w_l	liquid limit
w_n	natural water content
w_p	plastic limit
w_s	shrinkage limit
w_0 , w_i	initial water content
α	slope of q_f versus p_f
α'	slope of q_f versus p_f'
γ_t	total unit weight
γ_d	dry unit weight
γ_s	unit weight of solids
γ_w	unit weight of water
ϵ	strain
ϵ_{vol}	volume strain
ϵ_h , ϵ_v	horizontal strain, vertical strain
μ	Poisson's ratio, also viscosity
σ	normal stress
σ'	effective normal stress
σ_c , σ'_c	consolidation stress in isotropic stress system
σ_h , σ'_h	horizontal normal stress
σ_v , σ'_v	vertical normal stress
σ_1	major principal stress
σ_2	intermediate principal stress
σ_3	minor principal stress
τ	shear stress
ϕ	friction angle based on total stresses
ϕ'	friction angle based on effective stresses
ϕ'_r	residual friction angle
ϕ_{ult}	ϕ for ultimate strength

a bar over a symbol or a prime following a symbol implies effective stress

APPENDIX K

PHASE II SLUG TEST ANALYSIS



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: 4.348 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW5S
TRANSMISSIVITY: 233.4 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 1.740 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW5S / Date: 8/11/93	THICKNESS: 53.70	
	SCREEN: top: 9.300 base: 15.50	
	DIAMETER: casing: .3600 intake: .8340	
	DEPTH: Water Table: 9.300 TD: 15.50	

DATA SET: 09MW5S

CLIENT:	US NAVY	DATE:	8/11/93
LOCATION:	NCBC	WELL NO.:	09-MW5S
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	15.50 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	9.300 ft
AQUIFER:	SURFICIAL	THICKNESS:	53.70 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	9.300 ft	SCREEN BASE:	15.50 ft
INITIAL HEAD:	1.740 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 233. square ft/day

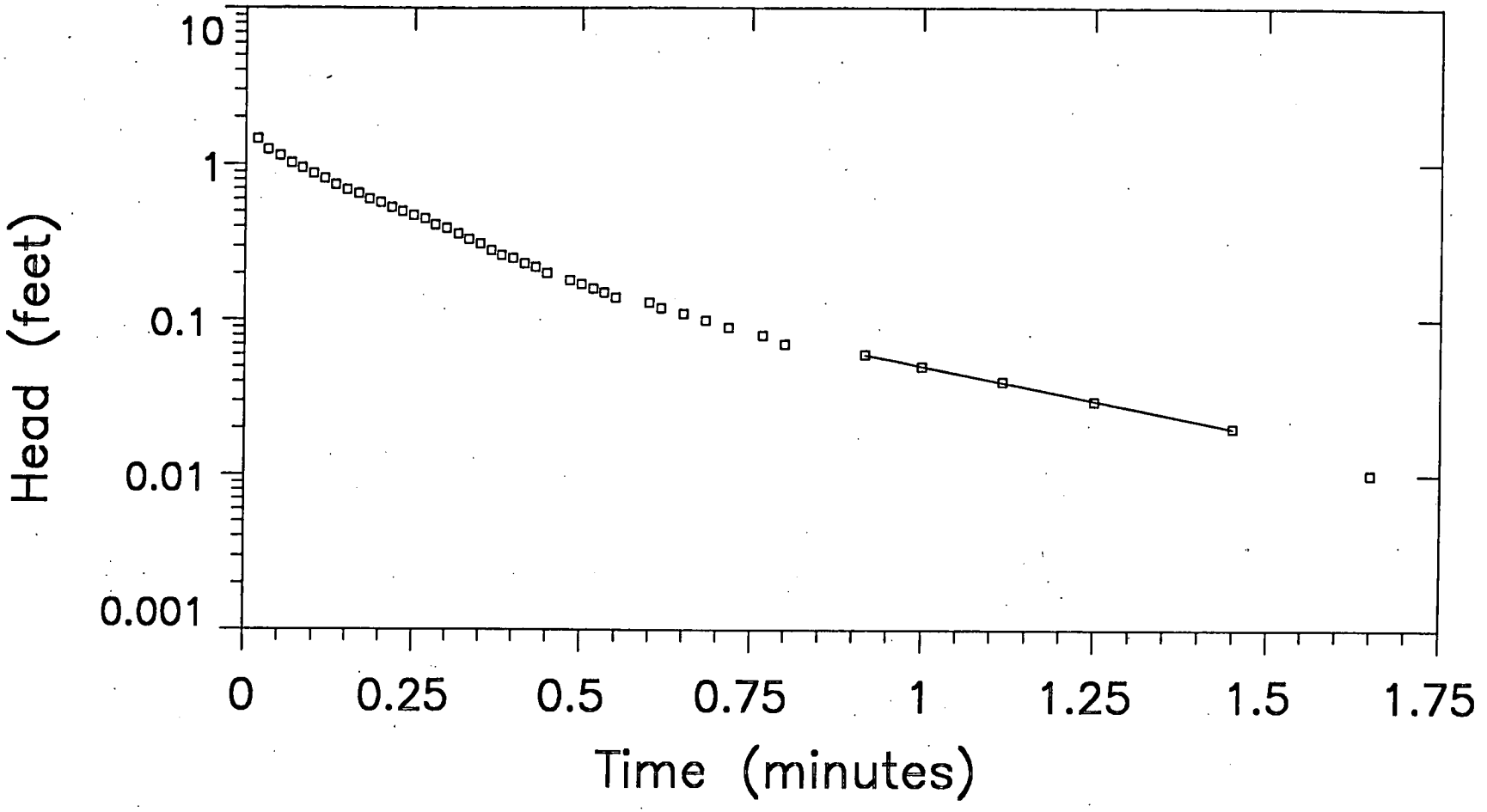
CONDUCTIVITY: 4.35 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.73		
2	0.0330	1.68		
3	0.0500	1.61		
4	0.0670	1.55		
5	0.0830	1.51		
6	0.100	1.47		
7	0.117	1.42		
8	0.133	1.38		
9	0.150	1.34		
10	0.167	1.30		
11	0.183	1.26		
12	0.200	1.22		
13	0.217	1.18		
14	0.233	1.15		
15	0.250	1.11		
16	0.267	1.08		
17	0.283	1.05		
18	0.300	1.02		
19	0.317	0.990		
20	0.333	0.950		
21	0.350	0.930		
22	0.367	0.900		
23	0.383	0.880		

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.400	0.850		
25	0.417	0.830		
26	0.433	0.810		
27	0.450	0.790		
28	0.467	0.770		
29	0.483	0.760		
30	0.500	0.740		
31	0.517	0.720		
32	0.533	0.710		
33	0.550	0.700		
34	0.567	0.690		
35	0.583	0.670		
36	0.600	0.660		
37	0.617	0.650		
38	0.633	0.640		
39	0.650	0.630		
40	0.683	0.620		
41	0.700	0.610		
42	0.733	0.600		
43	0.750	0.590		
44	0.783	0.580		
45	0.817	0.570		
46	0.833	0.560		
47	0.933	0.550		
48	0.967	0.540	0.534	0.957
49	1.03	0.530	0.527	0.409
50	1.08	0.520	0.522	-0.498
51	1.15	0.510	0.515	-1.10
52	1.31	0.500	0.498	0.251
53	1.38	0.490	0.492	-0.452
54	1.50	0.480	0.480	-0.177
55	1.63	0.470	0.468	0.370
56	1.73	0.460	0.459	0.216
57	1.83	0.450	0.449	0.0149
58	2.11	0.440		
59	2.40	0.430		
60	2.55	0.420		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE

CONDUCTIVITY: 14.64 ft/day

TRANSMISSIVITY: 691.2 sq. ft/day

INITIAL HEAD: 1.590 ft

Data Set: 09MW6S1 | Date: 8/11/93

for: US NAVY

by: TRC ENVIRONMENTAL CONSULTANTS

WELL DATA: Units: ft

AQUIFER: SURFICIAL

THICKNESS: 47.20

SCREEN: top: 17.25 base: 26.50

DIAMETER: casing: .3600 intake: .8340

DEPTH: Water Table: 17.25 TD: 26.50

PHASE II RI SLUG TEST 1

Well: 09-MW6S
NCBC
DAVISVILLE, RI

DATA SET: 09MW6S1

CLIENT:	US NAVY	DATE:	8/11/93
LOCATION:	NCBC	WELL NO.:	09-MW6S
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	26.50 ft
PROJECT:	PHASE II RI SLUG TEST 1	WATER TABLE:	17.250 ft
AQUIFER:	SURFICIAL	THICKNESS:	47.20 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	17.250 ft	SCREEN BASE:	26.50 ft
INITIAL HEAD:	1.590 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 691. square ft/day

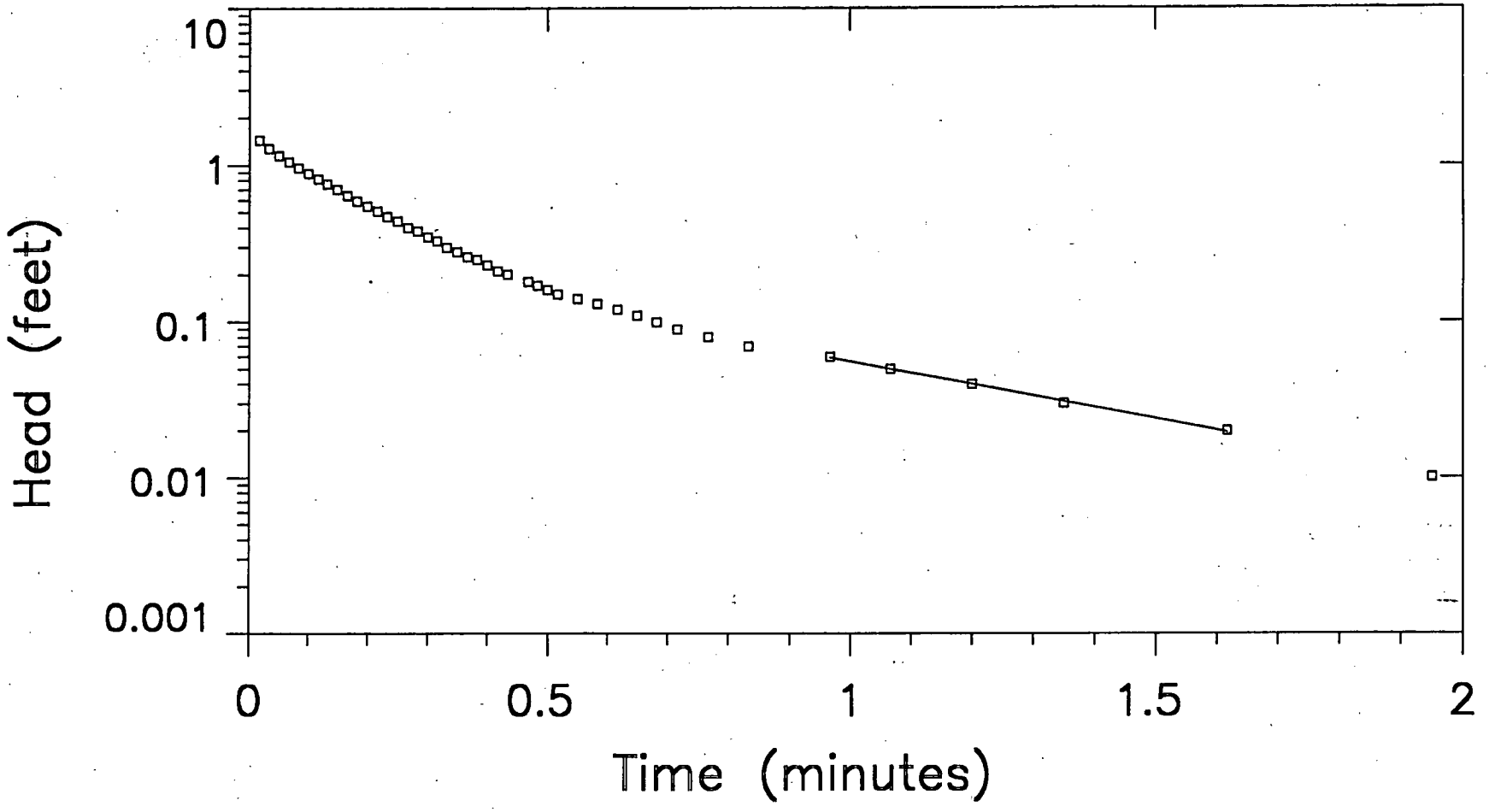
CONDUCTIVITY: 14.6 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.45		
2	0.0330	1.24		
3	0.0500	1.13		
4	0.0670	1.02		
5	0.0830	0.950		
6	0.100	0.870		
7	0.117	0.810		
8	0.133	0.740		
9	0.150	0.690		
10	0.167	0.650		
11	0.183	0.600		
12	0.200	0.570		
13	0.217	0.530		
14	0.233	0.500		
15	0.250	0.470		
16	0.267	0.450		
17	0.283	0.410		
18	0.300	0.390		
19	0.317	0.360		
20	0.333	0.330		
21	0.350	0.310		
22	0.367	0.280		
23	0.383	0.260		

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.400	0.250		
25	0.417	0.230		
26	0.433	0.220		
27	0.450	0.200		
28	0.483	0.180		
29	0.500	0.170		
30	0.517	0.160		
31	0.533	0.150		
32	0.550	0.140		
33	0.600	0.130		
34	0.617	0.120		
35	0.650	0.110		
36	0.683	0.100		
37	0.717	0.0900		
38	0.767	0.0800		
39	0.800	0.0700		
40	0.917	0.0600	0.0598	0.321
41	1.00	0.0500	0.0504	-0.841
42	1.11	0.0400	0.0396	0.910
43	1.25	0.0300	0.0301	-0.497
44	1.45	0.0200	0.0199	0.0969
45	1.65	0.0100		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST 2
CONDUCTIVITY: 13.65 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW6S
TRANSMISSIVITY: 644.4 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 1.860 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW6S2 / Date: 8/11/93	THICKNESS: 47.20	
	SCREEN: top: 17.25 base: 26.50	
	DIAMETER: casing: .3600 intake: .8340	
	DEPTH: Water Table: 17.25 TD: 26.50	

DATA SET: 09MW6S2

CLIENT:	US NAVY	DATE:	8/11/93
LOCATION:	NCBC	WELL NO.:	09-MW6S
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	26.50 ft
PROJECT:	PHASE II RI SLUG TEST 2	WATER TABLE:	17.250 ft
AQUIFER:	SURFICIAL	THICKNESS:	47.20 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	17.250 ft	SCREEN BASE:	26.50 ft
INITIAL HEAD:	1.860 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 644. square ft/day

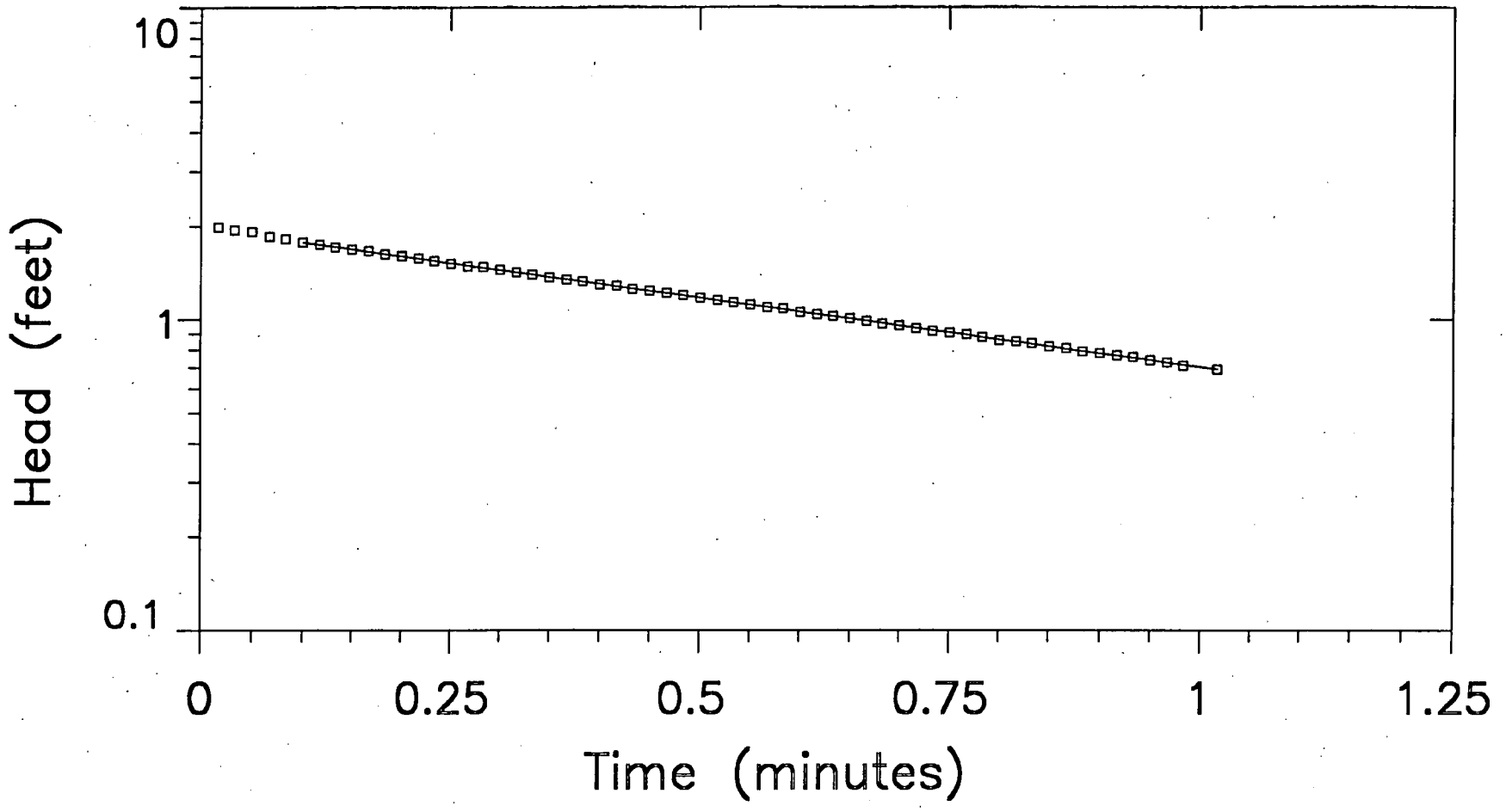
CONDUCTIVITY: 13.6 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.45		
2	0.0330	1.28		
3	0.0500	1.15		
4	0.0670	1.05		
5	0.0830	0.960		
6	0.100	0.890		
7	0.117	0.820		
8	0.133	0.760		
9	0.150	0.700		
10	0.167	0.640		
11	0.183	0.590		
12	0.200	0.550		
13	0.217	0.510		
14	0.233	0.470		
15	0.250	0.440		
16	0.267	0.400		
17	0.283	0.380		
18	0.300	0.350		
19	0.317	0.330		
20	0.333	0.300		
21	0.350	0.280		
22	0.367	0.260		
23	0.383	0.250		

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.400	0.230		
25	0.417	0.210		
26	0.433	0.200		
27	0.467	0.180		
28	0.483	0.170		
29	0.500	0.160		
30	0.517	0.150		
31	0.550	0.140		
32	0.583	0.130		
33	0.617	0.120		
34	0.650	0.110		
35	0.683	0.100		
36	0.717	0.0900		
37	0.767	0.0800		
38	0.833	0.0700		
39	0.967	0.0600	0.0593	1.17
40	1.06	0.0500	0.0500	-0.0653
41	1.20	0.0400	0.0399	0.214
42	1.35	0.0300	0.0309	-3.11
43	1.61	0.0200	0.0196	1.72
44	1.95	0.0100		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE

CONDUCTIVITY: 1.953 ft/day

TRANSMISSIVITY: 92.19 sq. ft/day

INITIAL HEAD: 2.380 ft

Data Set: 09MW6D | Date: 8/11/93

for: US NAVY

by: TRC ENVIRONMENTAL CONSULTANTS

WELL DATA: Units: ft

AQUIFER: SURFICIAL

THICKNESS: 47.20

SCREEN: top: 57.00 base: 67.00

DIAMETER: casing: .1660 intake: .8340

DEPTH: Water Table: 10.80 TD: 67.00

PHASE II RI SLUG TEST

Well: 09-MW6D

NCBC

DAVISVILLE, RI

DATA SET: 09MW6D

CLIENT:	US NAVY	DATE:	8/11/93
LOCATION:	NCBC	WELL NO.:	09-MW6D
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	67.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	19.800 ft
AQUIFER:	SURFICIAL	THICKNESS:	47.20 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.083 ft
SCREEN TOP:	57.000 ft	SCREEN BASE:	67.00 ft
INITIAL HEAD:	2.380 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 92.2 square ft/day

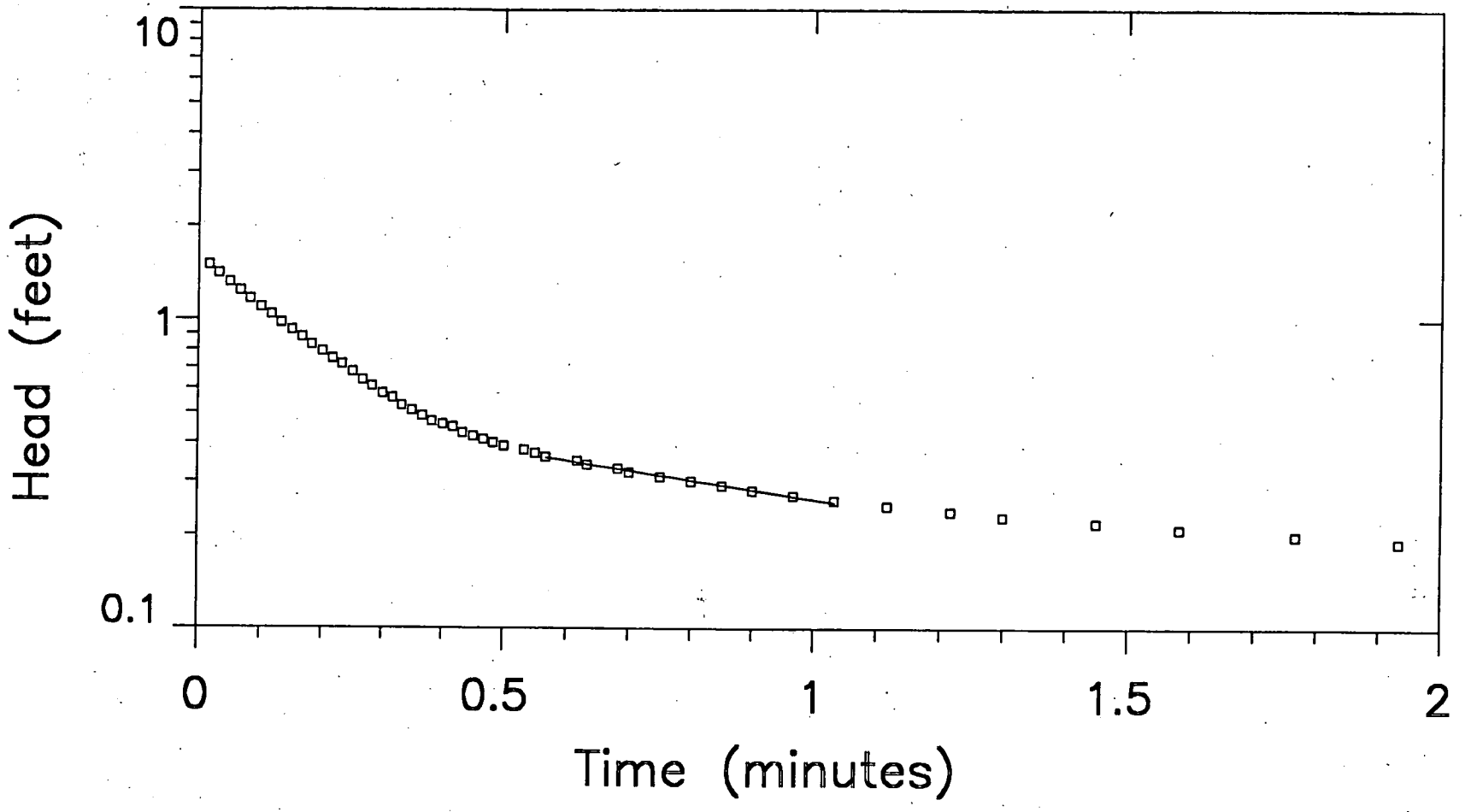
CONDUCTIVITY: 1.95 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.99		
2	0.0330	1.95		
3	0.0500	1.93		
4	0.0670	1.86		
5	0.0830	1.83		
6	0.100	1.78	1.77	0.00248
7	0.117	1.75	1.74	0.0562
8	0.133	1.72	1.72	-0.0225
9	0.150	1.69	1.69	-0.0286
10	0.167	1.67	1.66	0.532
11	0.183	1.63	1.63	-0.239
12	0.200	1.61	1.60	0.278
13	0.217	1.58	1.57	0.151
14	0.233	1.55	1.55	-0.114
15	0.250	1.52	1.52	-0.316
16	0.267	1.49	1.49	-0.557
17	0.283	1.48	1.47	0.420
18	0.300	1.45	1.44	0.126
19	0.317	1.42	1.42	-0.210
20	0.333	1.40	1.39	0.0217
21	0.350	1.37	1.37	-0.391
22	0.367	1.35	1.35	-0.108
23	0.383	1.33	1.32	0.0498

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.400	1.30	1.30	-0.479
25	0.417	1.29	1.28	0.501
26	0.433	1.26	1.26	-0.199
27	0.450	1.24	1.24	-0.0460
28	0.467	1.22	1.21	0.0814
29	0.483	1.20	1.19	0.0788
30	0.500	1.18	1.17	0.151
31	0.517	1.16	1.15	0.195
32	0.533	1.14	1.13	0.106
33	0.550	1.12	1.11	0.0904
34	0.567	1.10	1.09	0.0421
35	0.583	1.09	1.08	0.776
36	0.600	1.06	1.06	-0.258
37	0.617	1.04	1.04	-0.410
38	0.633	1.03	1.02	0.274
39	0.650	1.01	1.00	0.0673
40	0.667	0.990	0.991	-0.179
41	0.683	0.970	0.975	-0.571
42	0.700	0.960	0.958	0.147
43	0.717	0.940	0.941	-0.204
44	0.733	0.920	0.926	-0.707
45	0.750	0.910	0.910	-0.0439
46	0.767	0.900	0.894	0.602
47	0.783	0.880	0.879	0.00769
48	0.800	0.860	0.864	-0.539
49	0.817	0.850	0.849	0.0461
50	0.833	0.840	0.835	0.511
51	0.850	0.820	0.821	-0.143
52	0.867	0.810	0.806	0.382
53	0.883	0.790	0.793	-0.467
54	0.900	0.780	0.779	0.0131
55	0.917	0.770	0.766	0.475
56	0.933	0.760	0.753	0.816
57	0.950	0.740	0.740	-0.0938
58	0.967	0.730	0.727	0.298
59	0.983	0.710	0.715	-0.831
60	1.01	0.690	0.691	-0.178

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: 8.732 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW7S
TRANSMISSIVITY: 332.7 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 1.780 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW7S / Date: 8/12/93	THICKNESS: 38.10	
	SCREEN: top: 14.35 base: 24.50	
	DIAMETER: casing: .3600 intake: .8340	
	DEPTH: Water Table: 14.35 TD: 24.50	

DATA SET: 09MW7S

CLIENT:	US NAVY	DATE:	8/12/93
LOCATION:	NCBC	WELL NO.:	09-MW7S
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	24.50 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	14.350 ft
AQUIFER:	SURFICIAL	THICKNESS:	38.10 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	14.350 ft	SCREEN BASE:	24.50 ft
INITIAL HEAD:	1.780 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 332. square ft/day

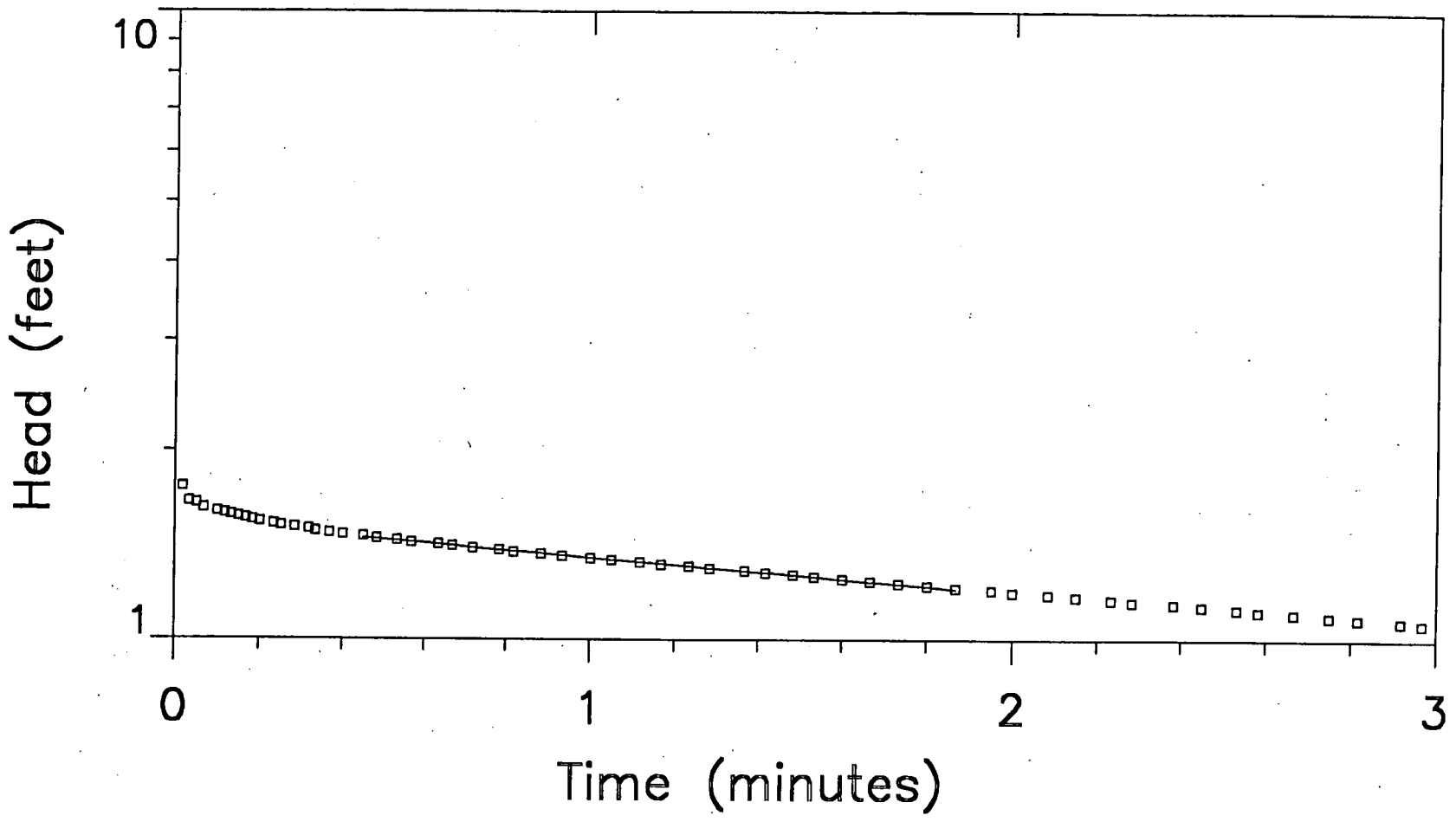
CONDUCTIVITY: 8.73 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.50		
2	0.0330	1.41		
3	0.0500	1.32		
4	0.0670	1.24		
5	0.0830	1.17		
6	0.100	1.10		
7	0.117	1.04		
8	0.133	0.980		
9	0.150	0.930		
10	0.167	0.880		
11	0.183	0.830		
12	0.200	0.790		
13	0.217	0.750		
14	0.233	0.720		
15	0.250	0.680		
16	0.267	0.640		
17	0.283	0.610		
18	0.300	0.580		
19	0.317	0.560		
20	0.333	0.530		
21	0.350	0.510		
22	0.367	0.490		
23	0.383	0.470		

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.400	0.460		
25	0.417	0.450		
26	0.433	0.430		
27	0.450	0.420		
28	0.467	0.410		
29	0.483	0.400		
30	0.500	0.390		
31	0.533	0.380		
32	0.550	0.370		
33	0.567	0.360	0.356	0.870
34	0.617	0.350	0.344	1.59
35	0.633	0.340	0.340	-0.156
36	0.683	0.330	0.328	0.406
37	0.700	0.320	0.324	-1.47
38	0.750	0.310	0.313	-1.09
39	0.800	0.300	0.302	-0.821
40	0.850	0.290	0.291	-0.660
41	0.900	0.280	0.281	-0.619
42	0.967	0.270	0.268	0.500
43	1.03	0.260	0.256	1.40
44	1.11	0.250		
45	1.21	0.240		
46	1.30	0.230		
47	1.45	0.220		
48	1.58	0.210		
49	1.76	0.200		
50	1.93	0.190		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: .3502 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW7D
TRANSMISSIVITY: 13.34 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 1.840 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW7D / Date: 8/12/93	THICKNESS: 38.10	
	SCREEN: top: 44.00 base: 54.00	
	DIAMETER: casing: .1660 intake: .8340	
	DEPTH: Water Table: 15.90 TD: 54.00	

DATA SET: 09MW7D

CLIENT:	US NAVY	DATE:	8/12/93
LOCATION:	NCBC	WELL NO.:	09-MW7D
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	54.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	15.900 ft
AQUIFER:	SURFICIAL	THICKNESS:	38.10 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.083 ft
SCREEN TOP:	44.000 ft	SCREEN BASE:	54.00 ft
INITIAL HEAD:	1.840 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 13.3 square ft/day

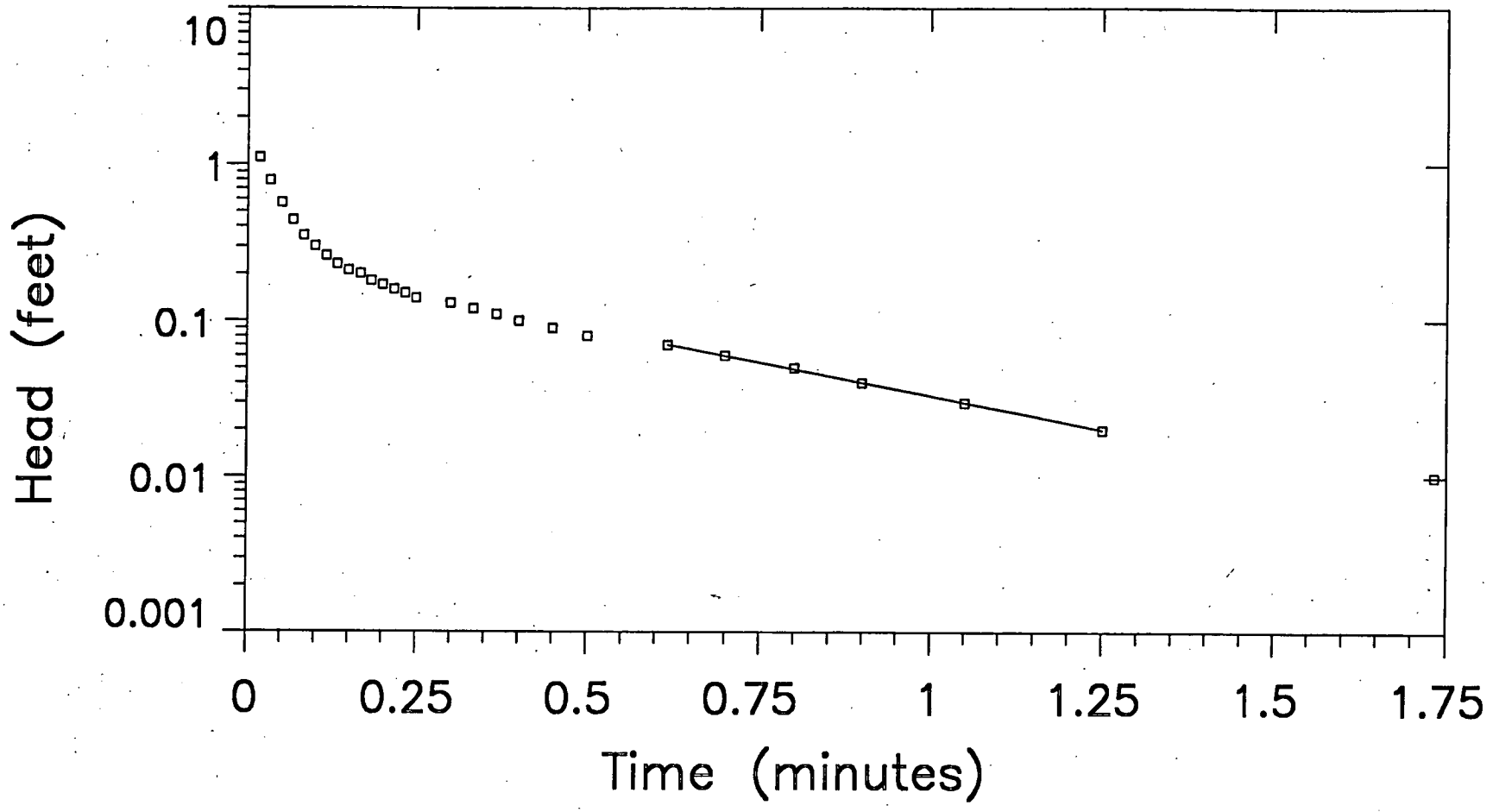
CONDUCTIVITY: .350 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.75		
2	0.0330	1.66		
3	0.0500	1.65		
4	0.0670	1.62		
5	0.100	1.60		
6	0.117	1.59		
7	0.133	1.58		
8	0.150	1.57		
9	0.167	1.56		
10	0.183	1.55		
11	0.200	1.54		
12	0.233	1.53		
13	0.250	1.52		
14	0.283	1.51		
15	0.317	1.50		
16	0.333	1.49		
17	0.367	1.48		
18	0.400	1.47		
19	0.450	1.46	1.45	0.538
20	0.483	1.45	1.44	0.282
21	0.533	1.44	1.43	0.242
22	0.567	1.43	1.43	-0.0104
23	0.633	1.42	1.41	0.148

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.667	1.41	1.41	-0.114
25	0.717	1.40	1.40	-0.174
26	0.783	1.39	1.39	-0.0305
27	0.817	1.38	1.38	-0.309
28	0.883	1.37	1.37	-0.175
29	0.933	1.36	1.36	-0.256
30	1.00	1.35	1.35	-0.120
31	1.05	1.34	1.34	-0.212
32	1.11	1.33	1.33	-0.0870
33	1.16	1.32	1.32	-0.189
34	1.23	1.31	1.31	-0.0894
35	1.28	1.30	1.30	-0.203
36	1.36	1.29	1.28	0.119
37	1.41	1.28	1.28	-0.00642
38	1.48	1.27	1.26	0.0700
39	1.53	1.26	1.26	-0.0684
40	1.60	1.25	1.24	0.00857
41	1.66	1.24	1.23	0.0791
42	1.73	1.23	1.22	0.130
43	1.80	1.22	1.21	0.187
44	1.86	1.21	1.20	0.238
45	1.95	1.20		
46	2.00	1.19		
47	2.08	1.18		
48	2.15	1.17		
49	2.23	1.16		
50	2.28	1.15		
51	2.38	1.14		
52	2.45	1.13		
53	2.53	1.12		
54	2.58	1.11		
55	2.66	1.10		
56	2.75	1.09		
57	2.81	1.08		
58	2.91	1.07		
59	2.96	1.06		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST 1
CONDUCTIVITY: 15.91 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW8S
TRANSMISSIVITY: 854.3 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 1.810 ft	AQUIFER: SURFICIAL	DAVISVILLE,RI
Data Set: 09MW8S1 / Date: 8/11/93	THICKNESS: 53.70	
	SCREEN: top: 11.60 base: 22.50	
	DIAMETER: casing: .3600 intake: .8340	
	DEPTH: Water Table: 11.60 TD: 22.50	

DATA SET: 09MW8S1

CLIENT:	US NAVY	DATE:	8/11/93
LOCATION:	NCBC	WELL NO.:	09-MW8S
COUNTY:	DAVISVILLE,RI	WELL DEPTH:	22.50 ft
PROJECT:	PHASE II RI SLUG TEST 1	WATER TABLE:	11.600 ft
AQUIFER:	SURFICIAL	THICKNESS:	53.70 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	11.600 ft	SCREEN BASE:	22.50 ft
INITIAL HEAD:	1.810 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 854. square ft/day

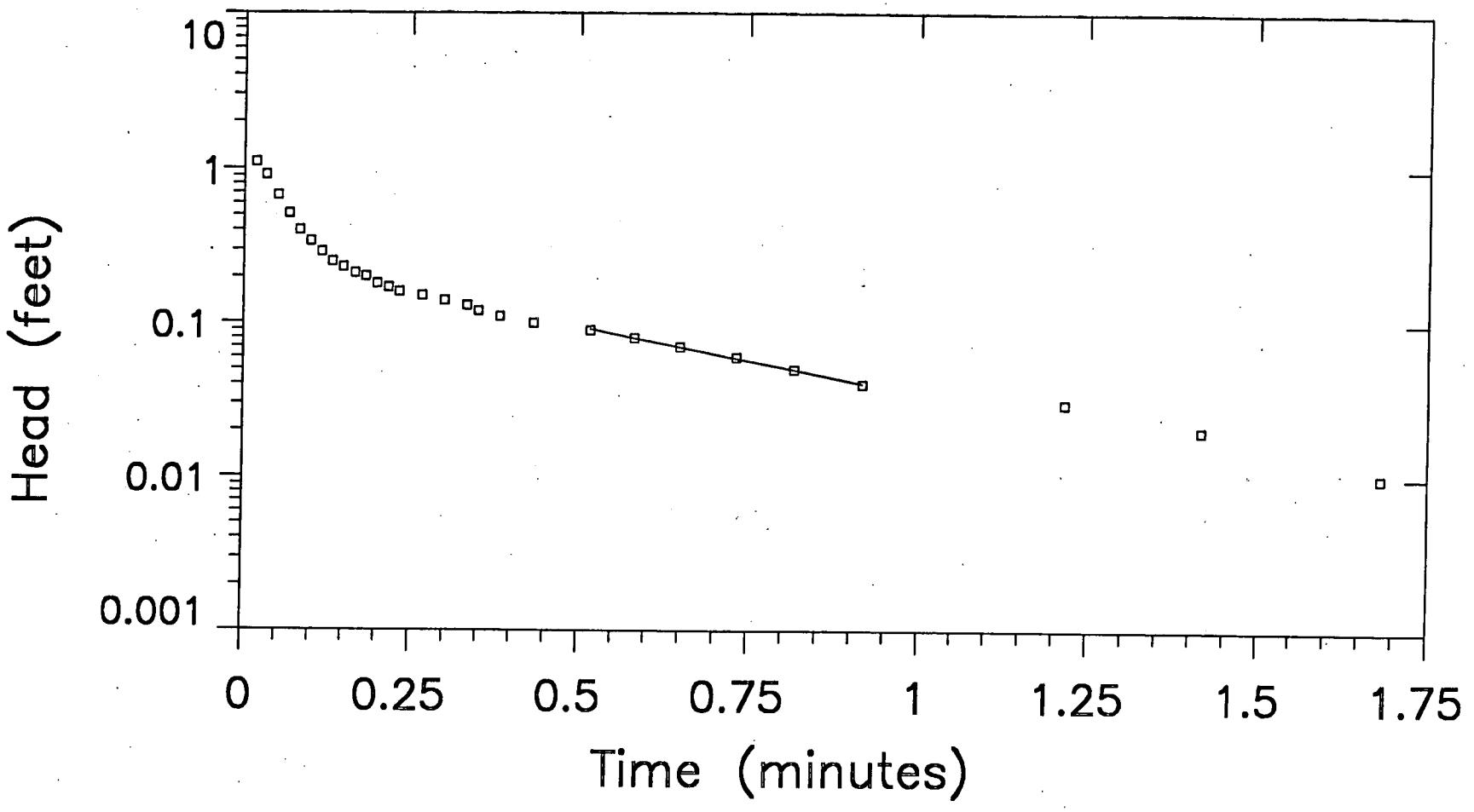
CONDUCTIVITY: 15.9 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.11		
2	0.0330	0.790		
3	0.0500	0.570		
4	0.0670	0.440		
5	0.0830	0.350		
6	0.100	0.300		
7	0.117	0.260		
8	0.133	0.230		
9	0.150	0.210		
10	0.167	0.200		
11	0.183	0.180		
12	0.200	0.170		
13	0.217	0.160		
14	0.233	0.150		
15	0.250	0.140		
16	0.300	0.130		
17	0.333	0.120		
18	0.367	0.110		
19	0.400	0.100		
20	0.450	0.0900		
21	0.500	0.0800		
22	0.617	0.0700	0.0707	-1.01
23	0.700	0.0600	0.0599	0.0752

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.800	0.0500	0.0491	1.71
25	0.900	0.0400	0.0402	-0.708
26	1.05	0.0300	0.0299	0.348
27	1.25	0.0200	0.0200	-0.433
28	1.73	0.0100		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE

CONDUCTIVITY: 21.41 ft/day

TRANSMISSIVITY: 1150. sq. ft/day

INITIAL HEAD: 3.460 ft

Data Set: 09MW8S2 | Date: 8/11/93

for: US NAVY

by: TRC ENVIRONMENTAL CONSULTANTS

WELL DATA: Units: ft

AQUIFER: SURFICIAL

THICKNESS: 53.70

SCREEN: top: 11.60 base: 22.50

DIAMETER: casing: .3600 intake: .8340

DEPTH: Water Table: 11.60 TD: 22.50

PHASE II RI SLUG TEST 2

Well: 09-MW8S
NCBC
DAVISVILLE,RI

DATA SET: 09MW8S2

CLIENT:	US NAVY	DATE:	8/11/93
LOCATION:	NCBC	WELL NO.:	09-MW8S
COUNTY:	DAVISVILLE,RI	WELL DEPTH:	22.50 ft
PROJECT:	PHASE II RI SLUG TEST 2	WATER TABLE:	11.600 ft
AQUIFER:	SURFICIAL	THICKNESS:	53.70 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	11.600 ft	SCREEN BASE:	22.50 ft
INITIAL HEAD:	3.460 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 1150. square ft/day

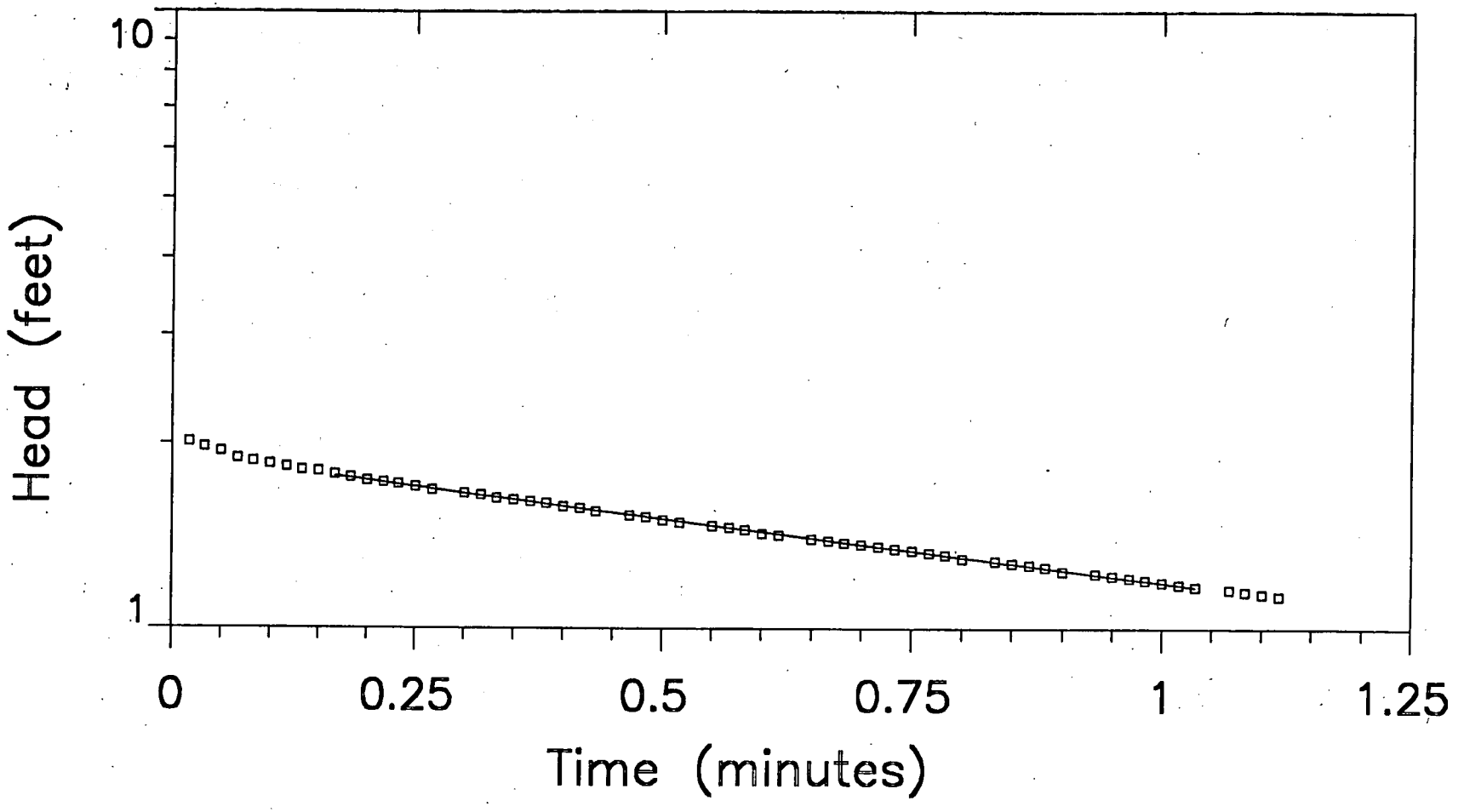
CONDUCTIVITY: 21.4 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.10		
2	0.0330	0.910		
3	0.0500	0.670		
4	0.0670	0.510		
5	0.0830	0.400		
6	0.100	0.340		
7	0.117	0.290		
8	0.133	0.250		
9	0.150	0.230		
10	0.167	0.210		
11	0.183	0.200		
12	0.200	0.180		
13	0.217	0.170		
14	0.233	0.160		
15	0.267	0.150		
16	0.300	0.140		
17	0.333	0.130		
18	0.350	0.120		
19	0.383	0.110		
20	0.433	0.100		
21	0.517	0.0900	0.0912	-1.39
22	0.583	0.0800	0.0798	0.194
23	0.650	0.0700	0.0697	0.398

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.733	0.0600	0.0589	1.76
25	0.817	0.0500	0.0497	0.543
26	0.917	0.0400	0.0406	-1.54
27	1.21	0.0300		
28	1.41	0.0200		
29	1.68	0.0100		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: .9587 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW8D
TRANSMISSIVITY: 51.48 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 2.140 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW8D / Date: 8/11/93	THICKNESS: 53.70	
	SCREEN: top: 55.00 base: 65.00	
	DIAMETER: casing: .1660 intake: .8340	
	DEPTH: Water Table: 11.30 TD: 65.00	

DATA SET: 09MW8D

CLIENT:	US NAVY	DATE:	8/11/93
LOCATION:	NCBC	WELL NO.:	09-MW8D
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	65.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	11.300 ft
AQUIFER:	SURFICIAL	THICKNESS:	53.70 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.083 ft
SCREEN TOP:	55.000 ft	SCREEN BASE:	65.00 ft
INITIAL HEAD:	2.140 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 51.5 square ft/day

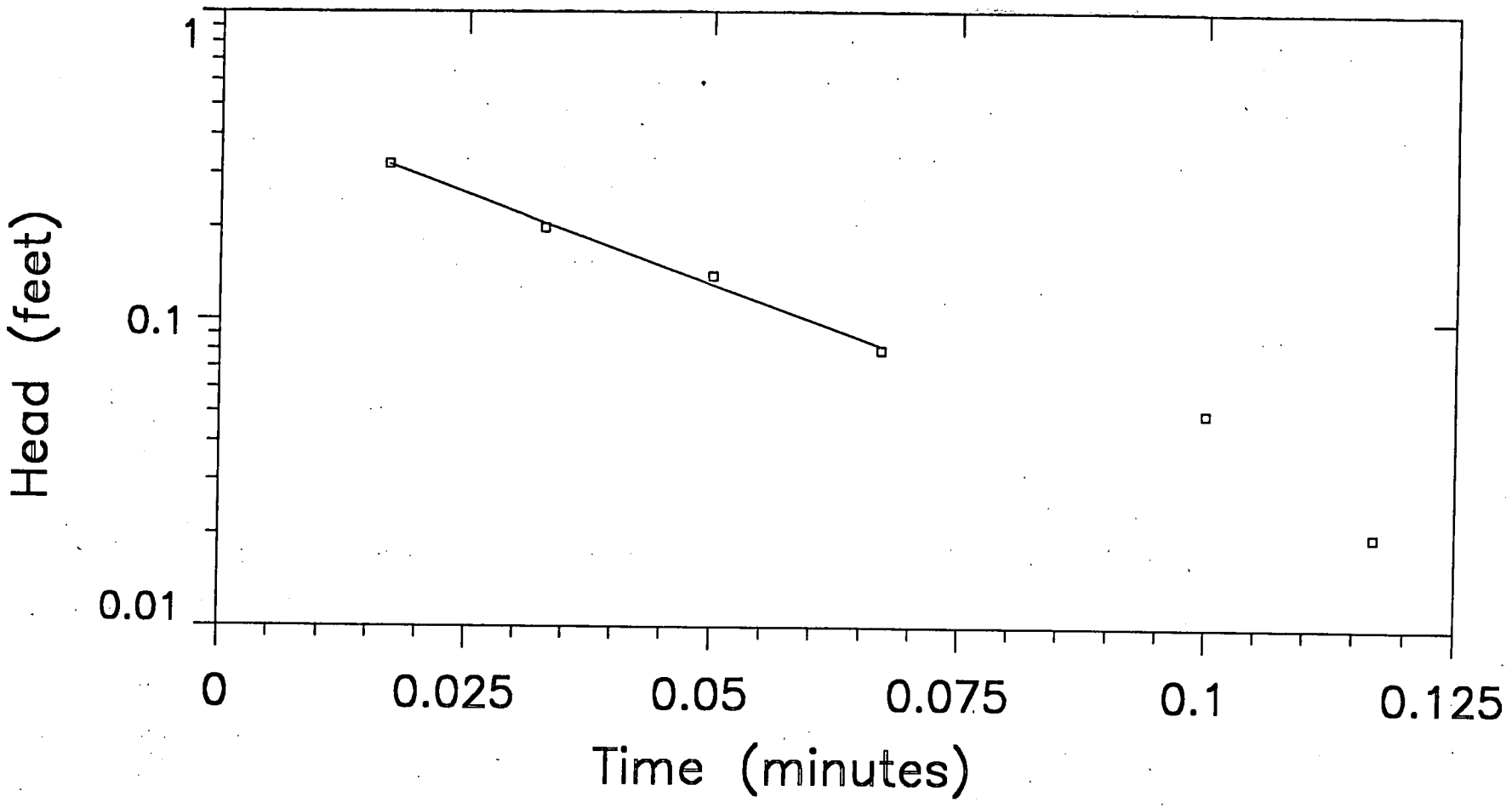
CONDUCTIVITY: .959 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	2.01		
2	0.0330	1.97		
3	0.0500	1.94		
4	0.0670	1.89		
5	0.0830	1.87		
6	0.100	1.85		
7	0.117	1.83		
8	0.133	1.81		
9	0.150	1.80		
10	0.167	1.78	1.76	0.681
11	0.183	1.76	1.75	0.316
12	0.200	1.74	1.74	-0.0150
13	0.217	1.73	1.72	0.219
14	0.233	1.72	1.71	0.401
15	0.250	1.70	1.69	0.0438
16	0.267	1.68	1.68	-0.329
17	0.300	1.66	1.65	0.0474
18	0.317	1.65	1.64	0.253
19	0.333	1.63	1.63	-0.202
20	0.350	1.62	1.62	-0.00708
21	0.367	1.61	1.60	0.184
22	0.383	1.60	1.59	0.324
23	0.400	1.58	1.58	-0.122

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.417	1.57	1.56	0.0532
25	0.433	1.55	1.55	-0.466
26	0.467	1.53	1.53	-0.142
27	0.483	1.52	1.52	-0.0355
28	0.500	1.50	1.50	-0.550
29	0.517	1.49	1.49	-0.408
30	0.550	1.47	1.47	-0.185
31	0.567	1.46	1.46	-0.0567
32	0.583	1.45	1.44	0.0190
33	0.600	1.43	1.43	-0.560
34	0.617	1.42	1.42	-0.451
35	0.650	1.40	1.40	-0.295
36	0.667	1.39	1.39	-0.200
37	0.683	1.38	1.38	-0.159
38	0.700	1.37	1.37	-0.0762
39	0.717	1.36	1.35	0.00197
40	0.733	1.35	1.34	0.0270
41	0.750	1.34	1.33	0.0942
42	0.767	1.33	1.32	0.155
43	0.783	1.32	1.31	0.164
44	0.800	1.30	1.30	-0.553
45	0.833	1.29	1.28	0.249
46	0.850	1.28	1.27	0.282
47	0.867	1.27	1.26	0.308
48	0.883	1.26	1.25	0.281
49	0.900	1.24	1.24	-0.508
50	0.933	1.23	1.22	0.256
51	0.950	1.22	1.21	0.250
52	0.967	1.21	1.20	0.238
53	0.983	1.20	1.19	0.171
54	1.00	1.19	1.18	0.145
55	1.01	1.18	1.17	0.112
56	1.03	1.17	1.16	0.0247
57	1.06	1.16		
58	1.08	1.15		
59	1.10	1.14		
60	1.11	1.13		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST 1
CONDUCTIVITY: 182.5 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW9S
TRANSMISSIVITY: 9125. sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 1.040 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW9S1 / Date: 8/12/93	THICKNESS: 50.00	
	SCREEN: top: 15.70 base: 25.00	
	DIAMETER: casing: .3600 intake: .8340	
	DEPTH: Water Table: 15.70 TD: 25.00	

DATA SET: 09MW9S1

CLIENT:	US NAVY	DATE:	8/12/93
LOCATION:	NCBC	WELL NO.:	09-MW9S
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	25.00 ft
PROJECT:	PHASE II RI SLUG TEST 1	WATER TABLE:	15.700 ft
AQUIFER:	SURFICIAL	THICKNESS:	50.00 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	15.700 ft	SCREEN BASE:	25.00 ft
INITIAL HEAD:	1.040 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

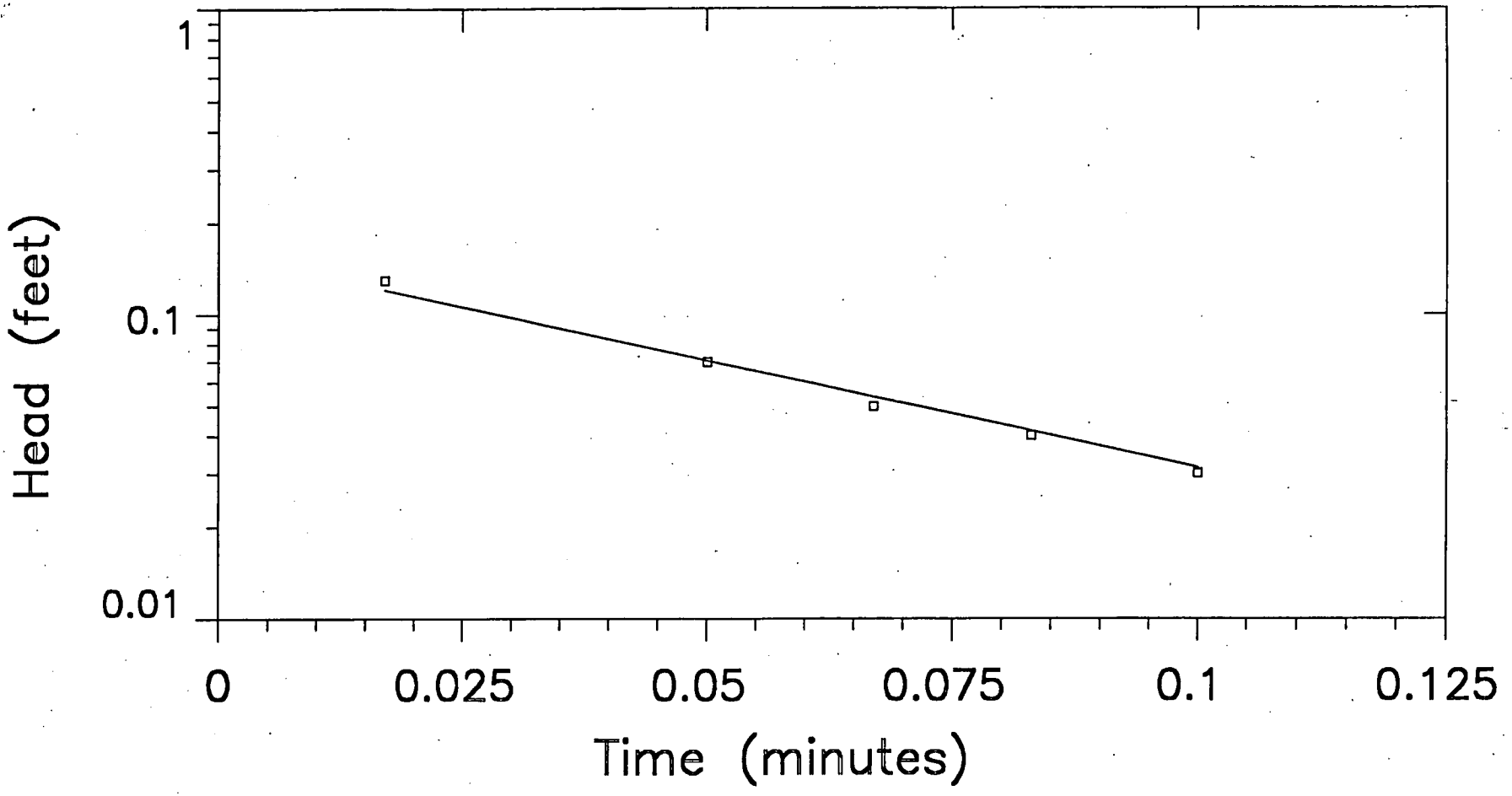
TRANSMISSIVITY: 9125. square ft/day

CONDUCTIVITY: 182. ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	0.320	0.319	0.154
2	0.0330	0.200	0.207	-3.64
3	0.0500	0.140	0.130	6.49
4	0.0670	0.0800	0.0826	-3.33
5	0.100	0.0500		
6	0.117	0.0200		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST 2
CONDUCTIVITY: 132.6 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW9S
TRANSMISSIVITY: 6633. sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: .7100 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW9S2 / Date: 8/12/93	THICKNESS: 50.00	
	SCREEN: top: 15.70 base: 25.00	
	DIAMETER: casing: .3600 intake: .8340	
	DEPTH: Water Table: 15.70 TD: 25.00	

DATA SET: 09MW9S2

CLIENT:	US NAVY	DATE:	8/12/93
LOCATION:	NCBC	WELL NO.:	09-MW9S
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	25.00 ft
PROJECT:	PHASE II RI SLUG TEST 2	WATER TABLE:	15.700 ft
AQUIFER:	SURFICIAL	THICKNESS:	50.00 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	15.700 ft	SCREEN BASE:	25.00 ft
INITIAL HEAD:	0.710 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

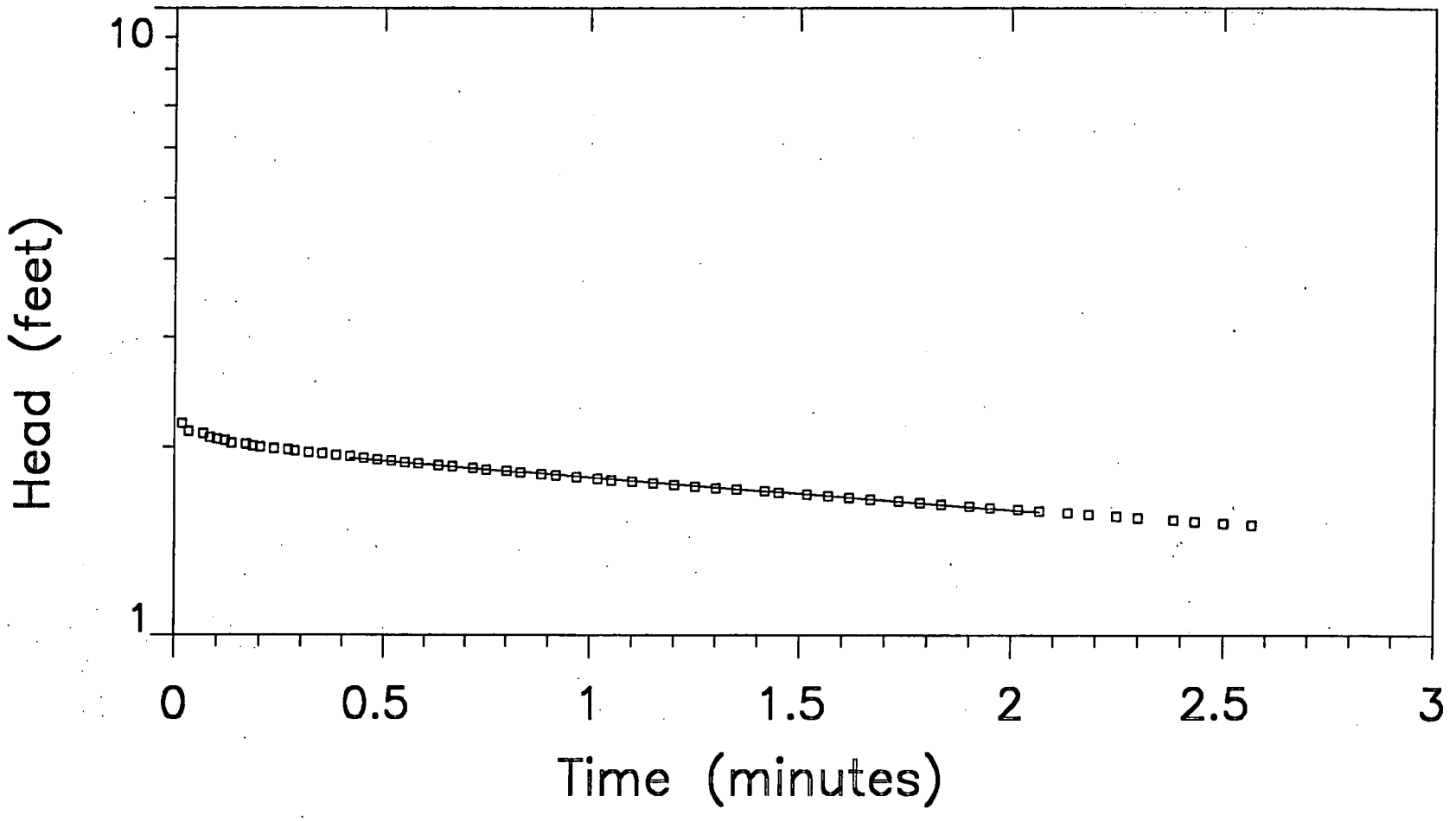
TRANSMISSIVITY: 6633. square ft/day

CONDUCTIVITY: 132. ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	0.130	0.120	7.14
2	0.0500	0.0700	0.0706	-0.952
3	0.0670	0.0500	0.0536	-7.26
4	0.0830	0.0400	0.0413	-3.41
5	0.100	0.0300	0.0313	-4.64
6	0.133	0.0200	0.0183	8.10
7	0.267	0.0100		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: .3969 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW9D
TRANSMISSIVITY: 19.84 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 2.610 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW9D / Date: 8/12/93	THICKNESS: 50.00	
	SCREEN: top: 56.00 base: 66.00	
	DIAMETER: casing: .1660 intake: .8340	
	DEPTH: Water Table: 16.00 TD: 66.00	

DATA SET: 09MW9D

CLIENT:	US NAVY	DATE:	8/12/93
LOCATION:	NCBC	WELL NO.:	09-MW9D
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	66.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	16.000 ft
AQUIFER:	SURFICIAL	THICKNESS:	50.00 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.083 ft
SCREEN TOP:	56.000 ft	SCREEN BASE:	66.00 ft
INITIAL HEAD:	2.610 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 19.8 square ft/day

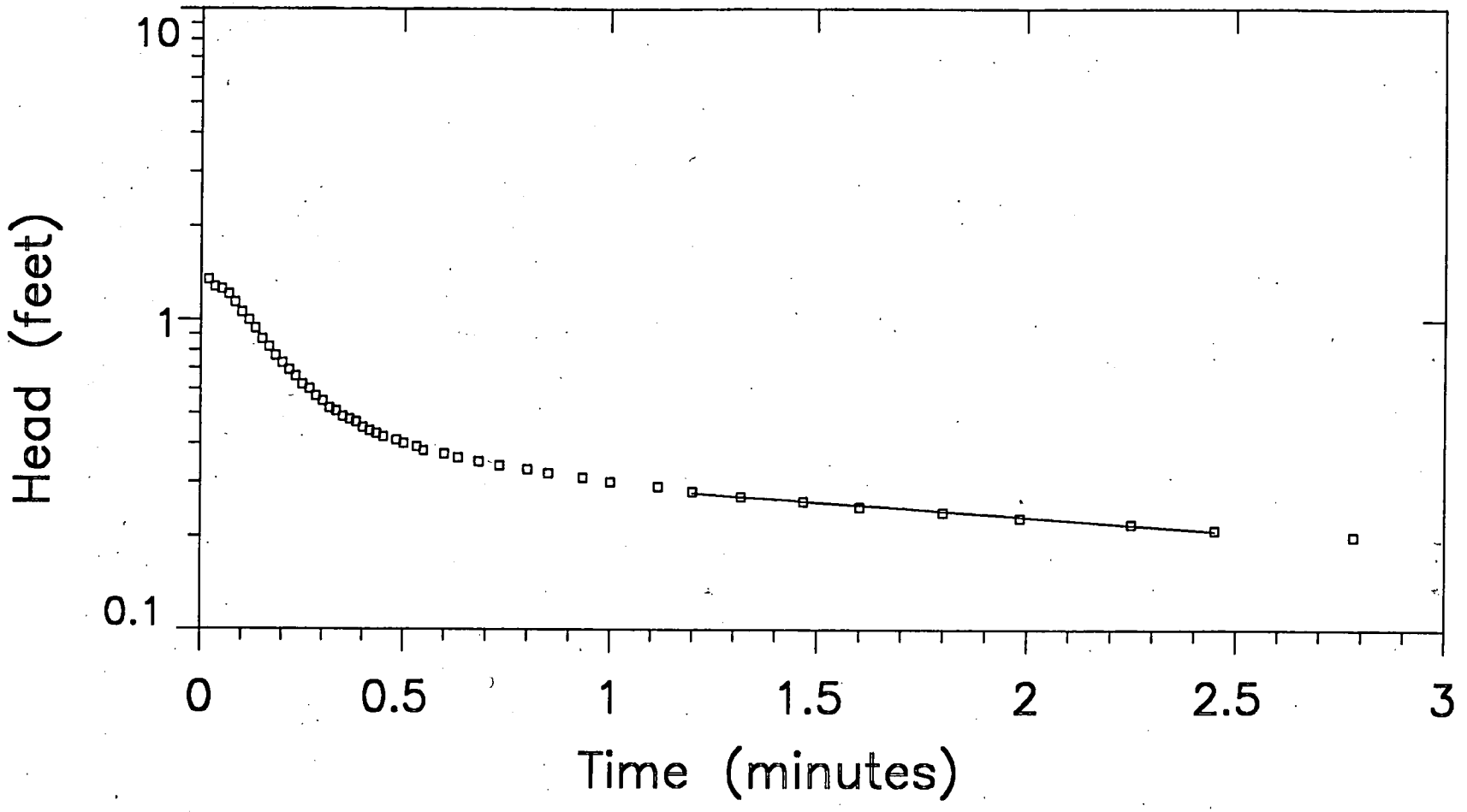
CONDUCTIVITY: .397 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	2.18		
2	0.0330	2.12		
3	0.0670	2.10		
4	0.0830	2.07		
5	0.100	2.06		
6	0.117	2.05		
7	0.133	2.03		
8	0.167	2.02		
9	0.183	2.01		
10	0.200	2.00		
11	0.233	1.99		
12	0.267	1.98		
13	0.283	1.97		
14	0.317	1.96		
15	0.350	1.95		
16	0.383	1.94		
17	0.417	1.93	1.91	0.674
18	0.450	1.92	1.90	0.550
19	0.483	1.91	1.90	0.423
20	0.517	1.90	1.89	0.306
21	0.550	1.89	1.88	0.173
22	0.583	1.88	1.87	0.0380
23	0.633	1.87	1.86	0.102

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.667	1.86	1.86	-0.0263
25	0.717	1.85	1.84	0.0328
26	0.750	1.84	1.84	-0.114
27	0.800	1.83	1.83	-0.0609
28	0.833	1.82	1.82	-0.214
29	0.883	1.81	1.81	-0.166
30	0.917	1.80	1.80	-0.314
31	0.967	1.79	1.79	-0.273
32	1.01	1.78	1.78	-0.234
33	1.05	1.77	1.77	-0.403
34	1.10	1.76	1.76	-0.372
35	1.15	1.75	1.75	-0.343
36	1.20	1.74	1.74	-0.318
37	1.25	1.73	1.73	-0.296
38	1.30	1.72	1.72	-0.277
39	1.35	1.71	1.71	-0.262
40	1.41	1.70	1.70	-0.0467
41	1.45	1.69	1.69	-0.242
42	1.51	1.68	1.68	-0.0336
43	1.56	1.67	1.67	-0.0323
44	1.61	1.66	1.66	-0.0346
45	1.66	1.65	1.65	-0.0406
46	1.73	1.64	1.63	0.141
47	1.78	1.63	1.62	0.127
48	1.83	1.62	1.61	0.110
49	1.90	1.61	1.60	0.292
50	1.95	1.60	1.59	0.268
51	2.01	1.59	1.58	0.442
52	2.06	1.58	1.57	0.409
53	2.13	1.57		
54	2.18	1.56		
55	2.25	1.55		
56	2.30	1.54		
57	2.38	1.53		
58	2.43	1.52		
59	2.50	1.51		
60	2.56	1.50		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: 3.484 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW10S
TRANSMISSIVITY: 214.4 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 1.440 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW10S / Date: 8/13/93	THICKNESS: 61.55	
	SCREEN: top: 17.20 base: 28.00	
	DIAMETER: casing: .3600 intake: .8340	
	DEPTH: Water Table: 17.20 TD: 28.00	

DATA SET: 09MW10S

CLIENT:	US NAVY	DATE:	8/13/93
LOCATION:	NCBC	WELL NO.:	09-MW10S
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	28.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	17.200 ft
AQUIFER:	SURFICIAL	THICKNESS:	61.55 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	17.200 ft	SCREEN BASE:	28.00 ft
INITIAL HEAD:	1.440 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 214. square ft/day

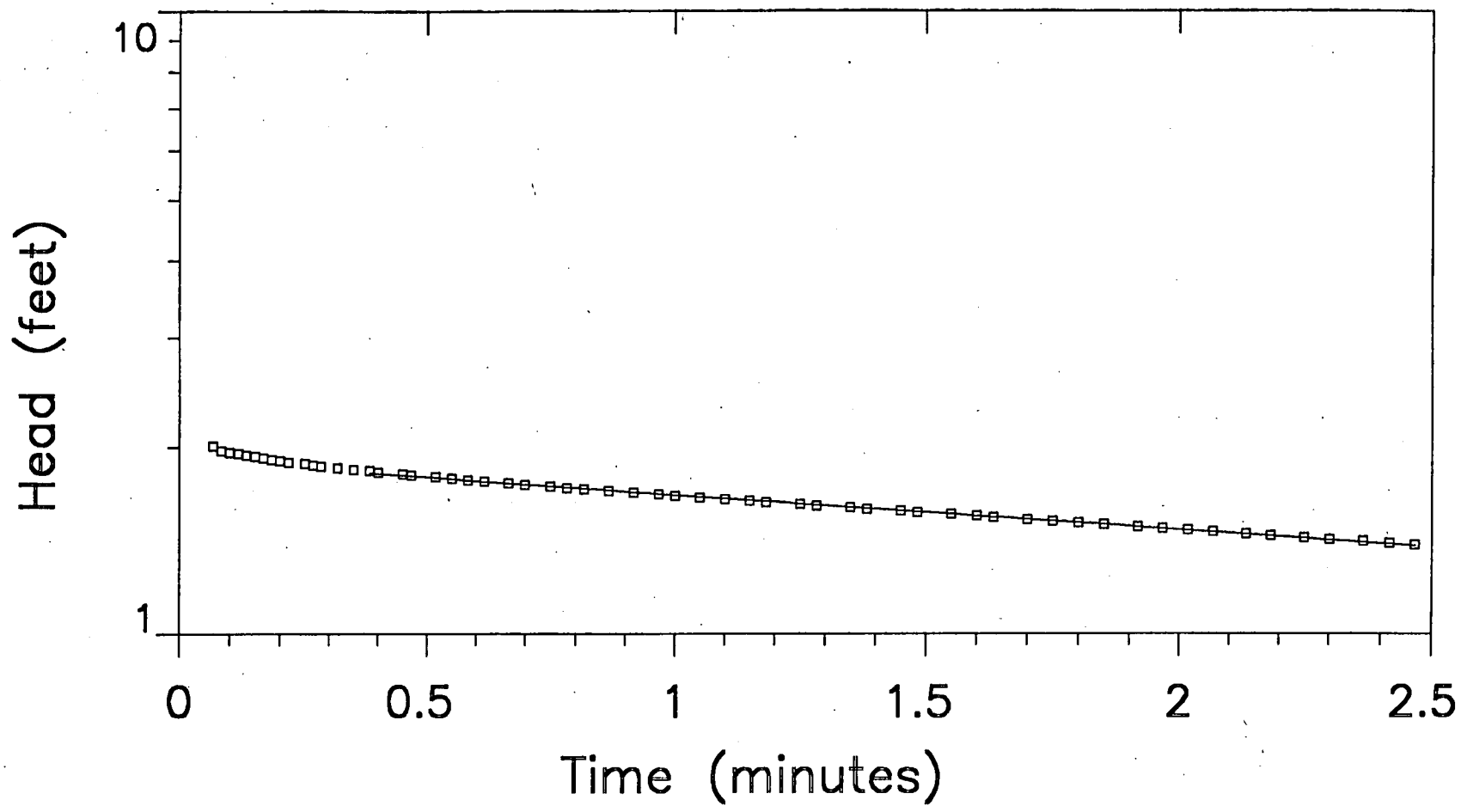
CONDUCTIVITY: 3.48 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Ric)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.35		
2	0.0330	1.28		
3	0.0500	1.26		
4	0.0670	1.21		
5	0.0830	1.14		
6	0.100	1.06		
7	0.117	1.00		
8	0.133	0.940		
9	0.150	0.870		
10	0.167	0.820		
11	0.183	0.770		
12	0.200	0.730		
13	0.217	0.690		
14	0.233	0.660		
15	0.250	0.620		
16	0.267	0.600		
17	0.283	0.570		
18	0.300	0.550		
19	0.317	0.520		
20	0.333	0.510		
21	0.350	0.490		
22	0.367	0.480		
23	0.383	0.470		

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.400	0.450		
25	0.417	0.440		
26	0.433	0.430		
27	0.450	0.420		
28	0.483	0.410		
29	0.500	0.400		
30	0.533	0.390		
31	0.550	0.380		
32	0.600	0.370		
33	0.633	0.360		
34	0.683	0.350		
35	0.733	0.340		
36	0.800	0.330		
37	0.850	0.320		
38	0.933	0.310		
39	1.00	0.300		
40	1.11	0.290		
41	1.20	0.280	0.276	1.22
42	1.31	0.270	0.269	0.224
43	1.46	0.260	0.260	-0.174
44	1.60	0.250	0.252	-1.10
45	1.80	0.240	0.241	-0.686
46	1.98	0.230	0.231	-0.825
47	2.25	0.220	0.218	0.738
48	2.45	0.210	0.208	0.588
49	2.78	0.200		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: .5052 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW10D
TRANSMISSIVITY: 31.09 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 2.920 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW10D / Date: 8/12/93	THICKNESS: 61.55	
	SCREEN: top: 67.00 base: 77.00	
	DIAMETER: casing: .1660 intake: .8340	
	DEPTH: Water Table: 15.45 TD: 77.00	

DATA SET: 09MW10D

CLIENT:	US NAVY	DATE:	8/12/93
LOCATION:	NCBC	WELL NO.:	09-MW10D
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	77.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	15.450 ft
AQUIFER:	SURFICIAL	THICKNESS:	61.55 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.083 ft
SCREEN TOP:	67.000 ft	SCREEN BASE:	77.00 ft
INITIAL HEAD:	2.920 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 31.1 square ft/day

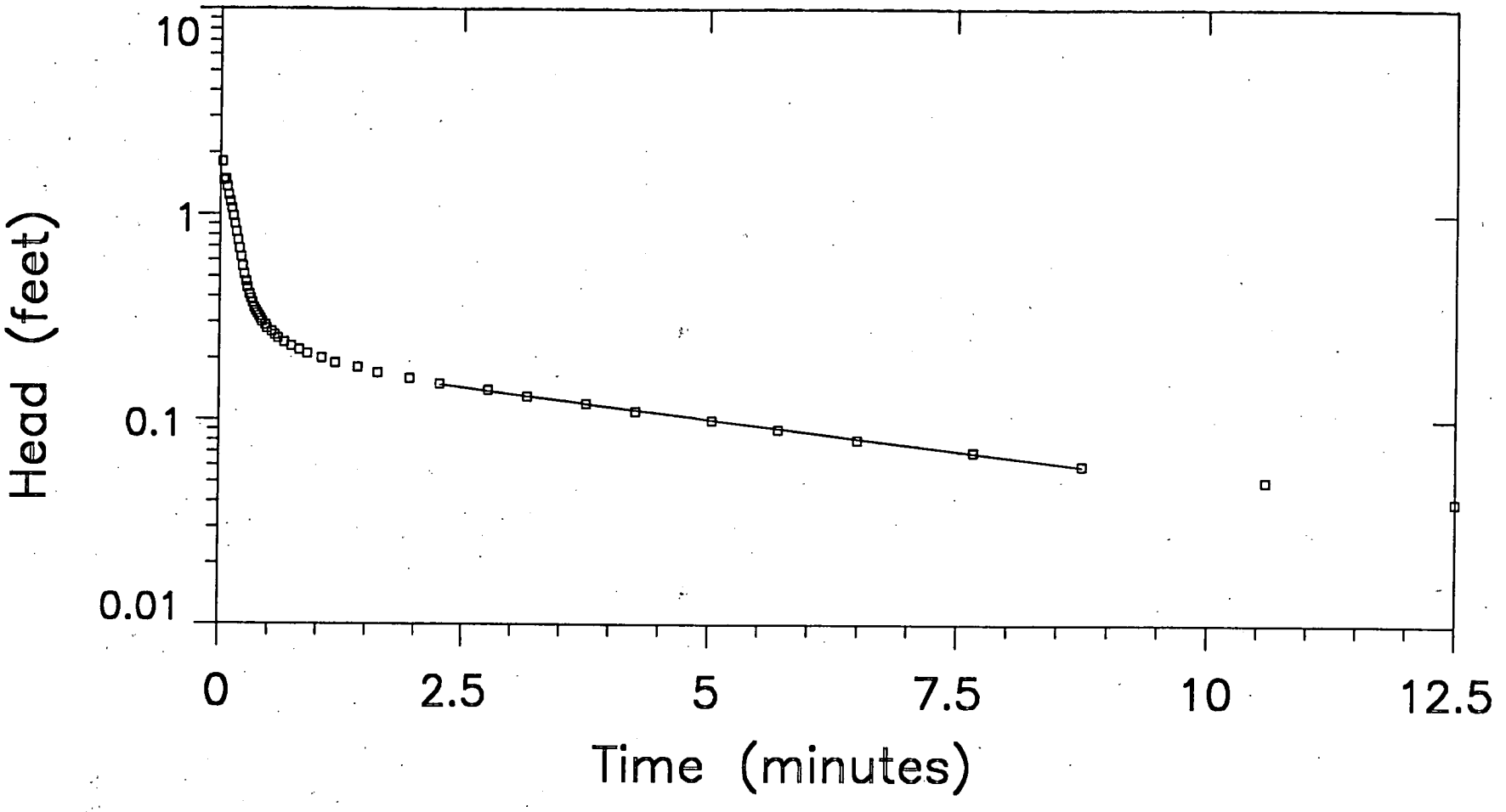
CONDUCTIVITY: .505 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0670	2.01		
2	0.0830	1.97		
3	0.100	1.96		
4	0.117	1.95		
5	0.133	1.94		
6	0.150	1.93		
7	0.167	1.92		
8	0.183	1.91		
9	0.200	1.90		
10	0.217	1.89		
11	0.250	1.88		
12	0.267	1.87		
13	0.283	1.86		
14	0.317	1.85		
15	0.350	1.84		
16	0.383	1.83	1.81	0.836
17	0.400	1.82	1.81	0.510
18	0.450	1.81	1.79	0.604
19	0.467	1.80	1.79	0.271
20	0.517	1.79	1.78	0.359
21	0.550	1.78	1.77	0.225
22	0.583	1.77	1.76	0.0887
23	0.617	1.76	1.76	-0.0387

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.667	1.75	1.74	0.0370
25	0.700	1.74	1.74	-0.109
26	0.750	1.73	1.73	-0.0406
27	0.783	1.72	1.72	-0.194
28	0.817	1.71	1.71	-0.338
29	0.867	1.70	1.70	-0.279
30	0.917	1.69	1.69	-0.223
31	0.967	1.68	1.68	-0.171
32	1.00	1.67	1.67	-0.342
33	1.05	1.66	1.66	-0.297
34	1.10	1.65	1.65	-0.256
35	1.15	1.64	1.64	-0.218
36	1.18	1.63	1.63	-0.404
37	1.25	1.62	1.62	-0.154
38	1.28	1.61	1.61	-0.347
39	1.35	1.60	1.60	-0.105
40	1.38	1.59	1.59	-0.306
41	1.45	1.58	1.58	-0.0716
42	1.48	1.57	1.57	-0.280
43	1.55	1.56	1.56	-0.0543
44	1.60	1.55	1.55	-0.0517
45	1.63	1.54	1.54	-0.273
46	1.70	1.53	1.53	-0.0592
47	1.75	1.52	1.52	-0.0693
48	1.80	1.51	1.51	-0.0838
49	1.85	1.50	1.50	-0.102
50	1.91	1.49	1.48	0.0935
51	1.96	1.48	1.47	0.0657
52	2.01	1.47	1.46	0.0334
53	2.06	1.46	1.46	-0.00352
54	2.13	1.45	1.44	0.161
55	2.18	1.44	1.43	0.114
56	2.25	1.43	1.42	0.282
57	2.30	1.42	1.41	0.226
58	2.36	1.41	1.40	0.384
59	2.41	1.40	1.39	0.318
60	2.46	1.39	1.38	0.247

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: 1.762 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW11S
TRANSMISSIVITY: 108.4 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 2.330 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW11S / Date: 8/13/93	THICKNESS: 61.55	
	SCREEN: top: 9.250 base: 21.00	
	DIAMETER: casing: .3600 intake: .8340	
	DEPTH: Water Table: 9.250 TD: 21.00	

DATA SET: 09MW11S

CLIENT:	US NAVY	DATE:	8/13/93
LOCATION:	NCBC	WELL NO.:	09-MW11S
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	21.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	9.250 ft
AQUIFER:	SURFICIAL	THICKNESS:	61.55 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	9.250 ft	SCREEN BASE:	21.00 ft
INITIAL HEAD:	2.330 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 108. square ft/day

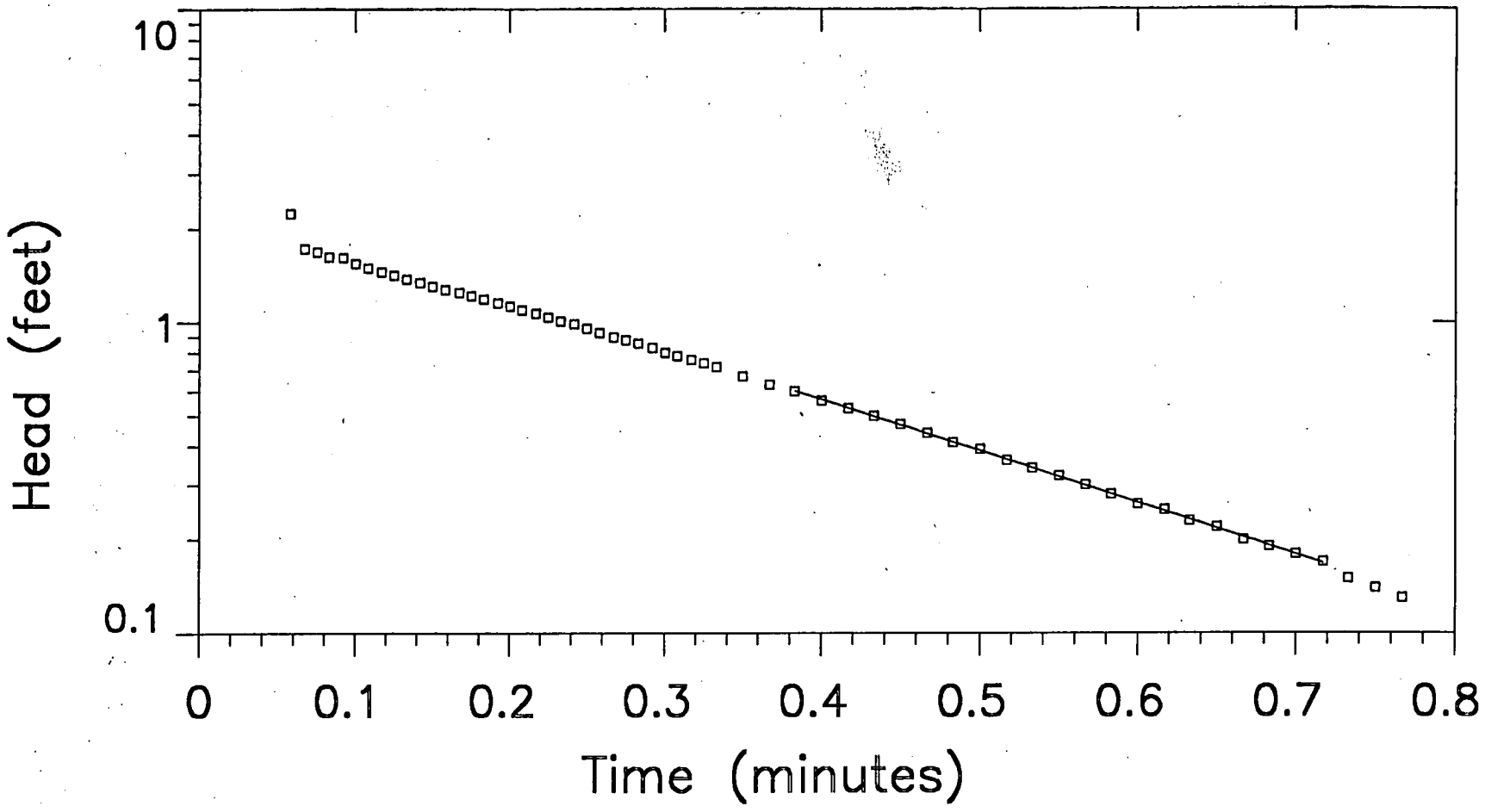
CONDUCTIVITY: 1.76 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0170	1.80		
2	0.0330	1.46		
3	0.0500	1.48		
4	0.0670	1.37		
5	0.0830	1.24		
6	0.100	1.15		
7	0.117	1.07		
8	0.133	0.980		
9	0.150	0.900		
10	0.167	0.820		
11	0.183	0.750		
12	0.200	0.680		
13	0.217	0.620		
14	0.233	0.560		
15	0.250	0.510		
16	0.267	0.470		
17	0.283	0.440		
18	0.300	0.410		
19	0.317	0.390		
20	0.333	0.370		
21	0.350	0.350		
22	0.367	0.340		
23	0.383	0.330		

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.400	0.320		
25	0.417	0.310		
26	0.433	0.300		
27	0.467	0.290		
28	0.483	0.280		
29	0.533	0.270		
30	0.567	0.260		
31	0.600	0.250		
32	0.667	0.240		
33	0.733	0.230		
34	0.817	0.220		
35	0.900	0.210		
36	1.05	0.200		
37	1.18	0.190		
38	1.41	0.180		
39	1.61	0.170		
40	1.95	0.160		
41	2.26	0.150	0.148	1.19
42	2.76	0.140	0.138	1.36
43	3.16	0.130	0.130	-0.381
44	3.76	0.120	0.119	0.0992
45	4.26	0.110	0.111	-1.54
46	5.03	0.100	0.100	-0.230
47	5.70	0.0900	0.0912	-1.34
48	6.50	0.0800	0.0814	-1.81
49	7.66	0.0700	0.0690	1.34
50	8.75	0.0600	0.0592	1.24
51	10.58	0.0500		
52	12.50	0.0400		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: 6.253 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW12D
TRANSMISSIVITY: 366.7 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 2.500 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW12D / Date: 8/16/93	THICKNESS: 58.65	
	SCREEN: top: 58.00 base: 68.00	
	DIAMETER: casing: .1660 intake: .8340	
	DEPTH: Water Table: 9.350 TD: 68.00	

DATA SET: 09MW12D

CLIENT:	US NAVY	DATE:	8/16/93
LOCATION:	NCBC	WELL NO.:	09-MW12D
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	68.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	9.350 ft
AQUIFER:	SURFICIAL	THICKNESS:	58.65 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.083 ft
SCREEN TOP:	58.000 ft	SCREEN BASE:	68.00 ft
INITIAL HEAD:	2.500 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 366. square ft/day

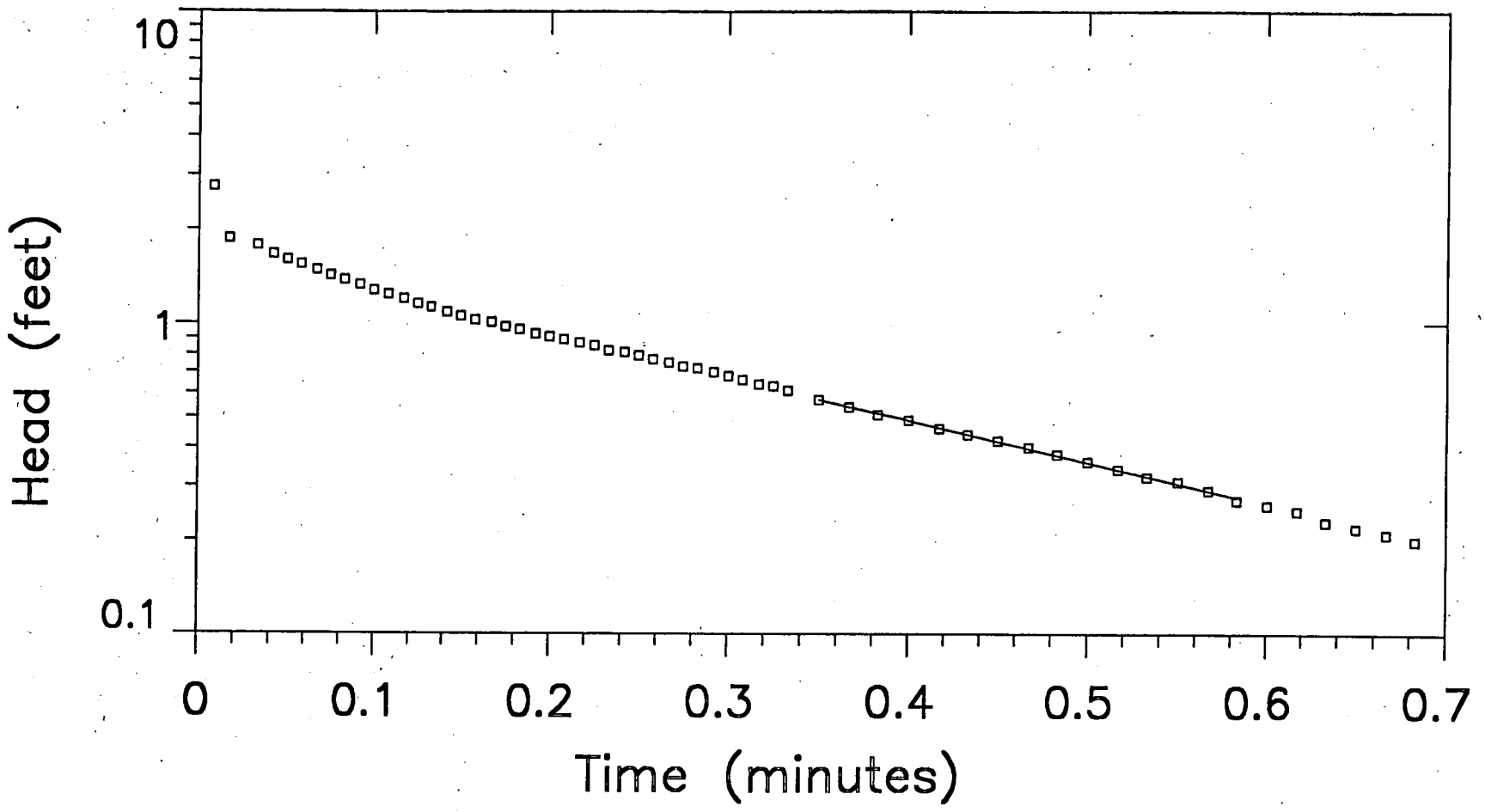
CONDUCTIVITY: 6.25 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.0580	2.24		
2	0.0670	1.73		
3	0.0750	1.69		
4	0.0830	1.63		
5	0.0920	1.62		
6	0.100	1.55		
7	0.108	1.50		
8	0.117	1.46		
9	0.125	1.42		
10	0.133	1.38		
11	0.142	1.35		
12	0.150	1.31		
13	0.158	1.28		
14	0.167	1.25		
15	0.175	1.22		
16	0.183	1.19		
17	0.192	1.16		
18	0.200	1.13		
19	0.208	1.10		
20	0.217	1.07		
21	0.225	1.04		
22	0.233	1.01		
23	0.242	0.990		

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.250	0.960		
25	0.258	0.930		
26	0.267	0.900		
27	0.275	0.880		
28	0.283	0.860		
29	0.292	0.830		
30	0.300	0.800		
31	0.308	0.780		
32	0.317	0.760		
33	0.325	0.740		
34	0.333	0.720		
35	0.350	0.670		
36	0.367	0.630		
37	0.383	0.600	0.603	-0.536
38	0.400	0.560	0.565	-0.941
39	0.417	0.530	0.529	0.0544
40	0.433	0.500	0.498	0.342
41	0.450	0.470	0.466	0.650
42	0.467	0.440	0.437	0.552
43	0.483	0.410	0.411	-0.392
44	0.500	0.390	0.385	1.09
45	0.517	0.360	0.361	-0.403
46	0.533	0.340	0.340	-0.00311
47	0.550	0.320	0.318	0.430
48	0.567	0.300	0.298	0.474
49	0.583	0.280	0.280	-0.309
50	0.600	0.260	0.263	-1.22
51	0.617	0.250	0.246	1.34
52	0.633	0.230	0.232	-0.873
53	0.650	0.220	0.217	1.17
54	0.667	0.200	0.203	-1.86
55	0.683	0.190	0.191	-0.868
56	0.700	0.180	0.179	0.225
57	0.717	0.170	0.168	1.00
58	0.733	0.150		
59	0.750	0.140		
60	0.767	0.130		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: 19.90 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW13S
TRANSMISSIVITY: 940.5 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 3.270 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW13S / Date: 8/16/93	THICKNESS: 47.25	
	SCREEN: top: 3.000 base: 13.00	
	DIAMETER: casing: .3600 intake: .8340	
	DEPTH: Water Table: 2.650 TD: 13.00	

DATA SET: 09MW13S

CLIENT:	US NAVY	DATE:	8/16/93
LOCATION:	NCBC	WELL NO.:	09-MW13S
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	13.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	2.650 ft
AQUIFER:	SURFICIAL	THICKNESS:	47.25 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.180 ft
SCREEN TOP:	3.000 ft	SCREEN BASE:	13.00 ft
INITIAL HEAD:	3.270 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 940. square ft/day

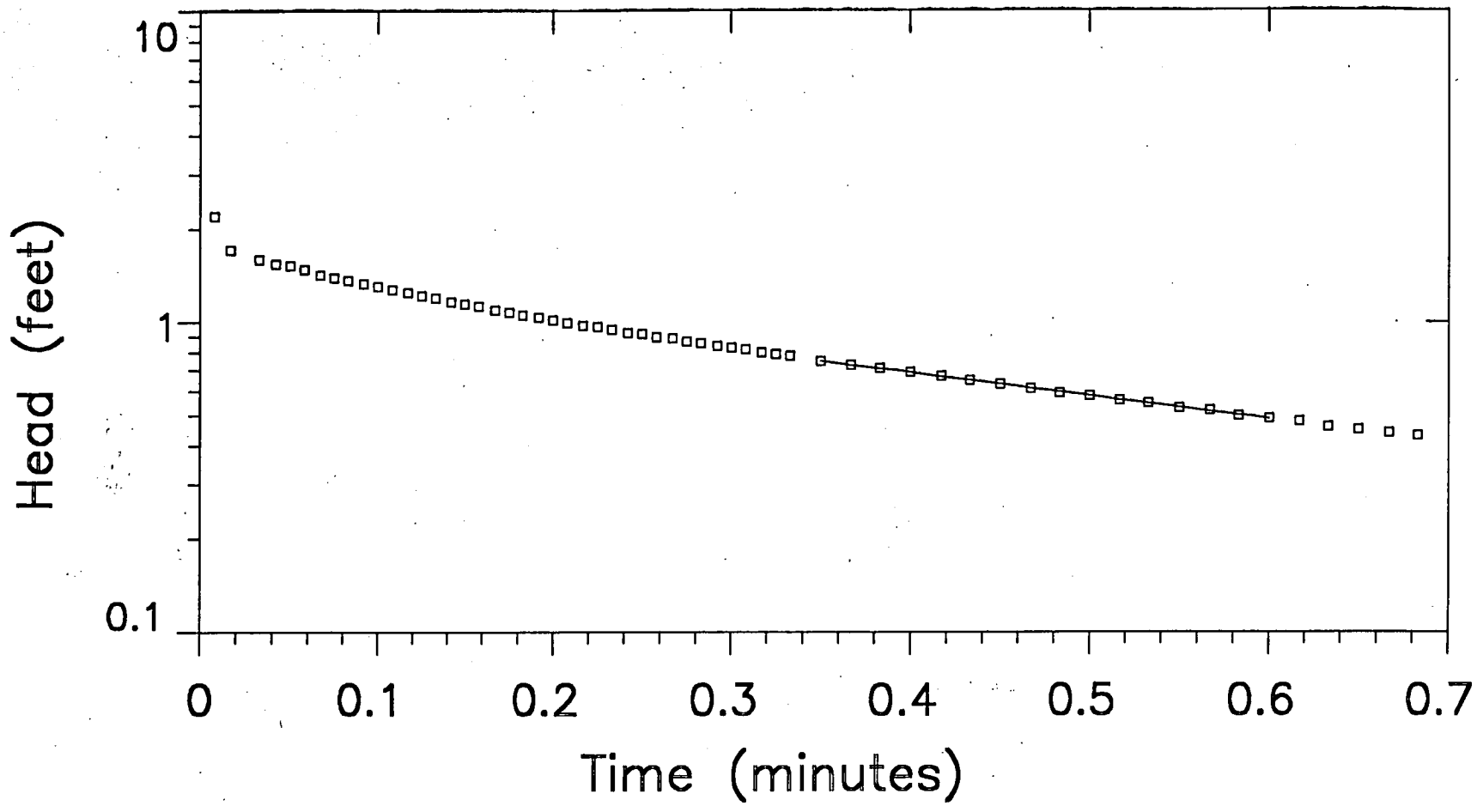
CONDUCTIVITY: 19.9 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.00800	2.75		
2	0.0170	1.87		
3	0.0330	1.78		
4	0.0420	1.67		
5	0.0500	1.60		
6	0.0580	1.55		
7	0.0670	1.49		
8	0.0750	1.43		
9	0.0830	1.38		
10	0.0920	1.33		
11	0.100	1.28		
12	0.108	1.24		
13	0.117	1.20		
14	0.125	1.16		
15	0.133	1.13		
16	0.142	1.09		
17	0.150	1.06		
18	0.158	1.03		
19	0.167	1.01		
20	0.175	0.980		
21	0.183	0.960		
22	0.192	0.930		
23	0.200	0.910		

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.208	0.890		
25	0.217	0.870		
26	0.225	0.850		
27	0.233	0.820		
28	0.242	0.810		
29	0.250	0.790		
30	0.258	0.770		
31	0.267	0.750		
32	0.275	0.730		
33	0.283	0.720		
34	0.292	0.700		
35	0.300	0.680		
36	0.308	0.660		
37	0.317	0.640		
38	0.325	0.630		
39	0.333	0.610		
40	0.350	0.570	0.570	-0.148
41	0.367	0.540	0.541	-0.248
42	0.383	0.510	0.514	-0.974
43	0.400	0.490	0.488	0.335
44	0.417	0.460	0.463	-0.677
45	0.433	0.440	0.440	-0.126
46	0.450	0.420	0.417	0.527
47	0.467	0.400	0.396	0.951
48	0.483	0.380	0.376	0.817
49	0.500	0.360	0.357	0.718
50	0.517	0.340	0.338	0.311
51	0.533	0.320	0.322	-0.759
52	0.550	0.310	0.305	1.36
53	0.567	0.290	0.289	0.0127
54	0.583	0.270	0.275	-2.16
55	0.600	0.260		
56	0.617	0.250		
57	0.633	0.230		
58	0.650	0.220		
59	0.667	0.210		
60	0.683	0.200		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE



MODEL TYPE: BOUWER and RICE	for: US NAVY	PHASE II RI SLUG TEST
CONDUCTIVITY: 5.137 ft/day	by: TRC ENVIRONMENTAL CONSULTANTS	Well: 09-MW13D
TRANSMISSIVITY: 242.7 sq. ft/day	WELL DATA: Units: ft	NCBC
INITIAL HEAD: 3.320 ft	AQUIFER: SURFICIAL	DAVISVILLE, RI
Data Set: 09MW13D / Date: 8/16/93	THICKNESS: 47.25	
	SCREEN: top: 40.00 base: 50.00	
	DIAMETER: casing: .1660 intake: .8340	
	DEPTH: Water Table: 2.750 TD: 50.00	

DATA SET: 09MW13D

CLIENT:	US NAVY	DATE:	8/16/93
LOCATION:	NCBC	WELL NO.:	09-MW13D
COUNTY:	DAVISVILLE, RI	WELL DEPTH:	50.00 ft
PROJECT:	PHASE II RI SLUG TEST	WATER TABLE:	2.750 ft
AQUIFER:	SURFICIAL	THICKNESS:	47.25 ft
INTAKE RADIUS:	0.417 ft	CASING RADIUS:	0.083 ft
SCREEN TOP:	40.000 ft	SCREEN BASE:	50.00 ft
INITIAL HEAD:	3.320 ft	TRANS. RATIO:	1.0000

MODEL PARAMETERS:

TRANSMISSIVITY: 242. square ft/day

CONDUCTIVITY: 5.14 ft/day

MODEL TYPE: UNCONFINED PARTIALLY PENETRATED AQUIFER (Bouwer & Rice)

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
1	0.00800	2.21		
2	0.0170	1.72		
3	0.0330	1.60		
4	0.0420	1.55		
5	0.0500	1.53		
6	0.0580	1.49		
7	0.0670	1.43		
8	0.0750	1.40		
9	0.0830	1.37		
10	0.0920	1.34		
11	0.100	1.31		
12	0.108	1.28		
13	0.117	1.25		
14	0.125	1.22		
15	0.133	1.20		
16	0.142	1.17		
17	0.150	1.15		
18	0.158	1.13		
19	0.167	1.10		
20	0.175	1.08		
21	0.183	1.06		
22	0.192	1.04		
23	0.200	1.02		

No.	TIME (mins)	Head, H (ft) DATA	SYNTHETIC	DIFFERENCE (percent)
24	0.208	1.00		
25	0.217	0.980		
26	0.225	0.970		
27	0.233	0.950		
28	0.242	0.930		
29	0.250	0.920		
30	0.258	0.900		
31	0.267	0.890		
32	0.275	0.870		
33	0.283	0.860		
34	0.292	0.840		
35	0.300	0.830		
36	0.308	0.820		
37	0.317	0.800		
38	0.325	0.790		
39	0.333	0.780		
40	0.350	0.750	0.749	0.00963
41	0.367	0.730	0.728	0.234
42	0.383	0.710	0.708	0.211
43	0.400	0.690	0.688	0.282
44	0.417	0.670	0.668	0.268
45	0.433	0.650	0.650	-0.00619
46	0.450	0.630	0.631	-0.203
47	0.467	0.610	0.613	-0.503
48	0.483	0.590	0.596	-1.08
49	0.500	0.580	0.579	0.138
50	0.517	0.560	0.562	-0.444
51	0.533	0.550	0.547	0.509
52	0.550	0.530	0.531	-0.266
53	0.567	0.520	0.516	0.754
54	0.583	0.500	0.502	-0.410
55	0.600	0.490	0.487	0.496
56	0.617	0.480		
57	0.633	0.460		
58	0.650	0.450		
59	0.667	0.440		
60	0.683	0.430		

CURRENT RESOLUTION MATRIIX NOT AVAILABLE

APPENDIX L

PHASE II SLUG TEST DATA

SLUG TEST DATA
MONITORING WELL 09-MW5S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	4.18	1.74	0.633	5.28	0.64
0.017	4.19	1.73	0.650	5.29	0.63
0.033	4.24	1.68	0.667	5.29	0.63
0.050	4.31	1.61	0.683	5.30	0.62
0.067	4.37	1.55	0.700	5.31	0.61
0.083	4.41	1.51	0.717	5.31	0.61
0.100	4.45	1.47	0.733	5.32	0.60
0.117	4.50	1.42	0.750	5.33	0.59
0.133	4.54	1.38	0.767	5.33	0.59
0.150	4.58	1.34	0.783	5.34	0.58
0.167	4.62	1.30	0.800	5.34	0.58
0.183	4.66	1.26	0.817	5.35	0.57
0.200	4.70	1.22	0.833	5.35	0.57
0.217	4.74	1.18	0.850	5.35	0.57
0.233	4.77	1.15	0.867	5.35	0.57
0.250	4.81	1.11	0.883	5.36	0.56
0.267	4.84	1.08	0.900	5.36	0.56
0.283	4.87	1.05	0.917	5.36	0.56
0.300	4.90	1.02	0.933	5.37	0.55
0.317	4.93	0.99	0.950	5.37	0.55
0.333	4.97	0.95	0.967	5.38	0.54
0.350	4.99	0.93	0.983	5.38	0.54
0.367	5.02	0.90	1.000	5.38	0.54
0.383	5.04	0.88	1.017	5.38	0.54
0.400	5.07	0.85	1.033	5.39	0.53
0.417	5.09	0.83	1.050	5.39	0.53
0.433	5.11	0.81	1.067	5.39	0.53
0.450	5.13	0.79	1.083	5.40	0.52
0.467	5.15	0.77	1.100	5.40	0.52
0.483	5.16	0.76	1.117	5.40	0.52
0.500	5.18	0.74	1.133	5.40	0.52
0.517	5.20	0.72	1.150	5.41	0.51
0.533	5.21	0.71	1.167	5.41	0.51
0.550	5.22	0.70	1.183	5.41	0.51
0.567	5.23	0.69	1.200	5.41	0.51
0.583	5.25	0.67	1.217	5.41	0.51
0.600	5.26	0.66	1.233	5.41	0.51
0.617	5.27	0.65	1.250	5.41	0.51

SLUG TEST DATA
MONITORING WELL 09-MW5S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	5.41	0.51	1.900	5.47	0.45
1.283	5.41	0.51	1.917	5.47	0.45
1.300	5.41	0.51	1.933	5.47	0.45
1.317	5.42	0.50	1.950	5.47	0.45
1.333	5.42	0.50	1.967	5.47	0.45
1.350	5.42	0.50	1.983	5.47	0.45
1.367	5.42	0.50	2.000	5.47	0.45
1.383	5.43	0.49	2.017	5.47	0.45
1.400	5.42	0.50	2.033	5.47	0.45
1.417	5.43	0.49	2.050	5.47	0.45
1.433	5.43	0.49	2.067	5.47	0.45
1.450	5.43	0.49	2.083	5.47	0.45
1.467	5.43	0.49	2.100	5.47	0.45
1.483	5.43	0.49	2.117	5.48	0.44
1.500	5.44	0.48	2.133	5.48	0.44
1.517	5.44	0.48	2.150	5.48	0.44
1.533	5.44	0.48	2.167	5.48	0.44
1.550	5.44	0.48	2.183	5.48	0.44
1.567	5.44	0.48	2.200	5.48	0.44
1.583	5.44	0.48	2.217	5.48	0.44
1.600	5.44	0.48	2.233	5.48	0.44
1.617	5.44	0.48	2.250	5.48	0.44
1.633	5.45	0.47	2.267	5.48	0.44
1.650	5.45	0.47	2.283	5.48	0.44
1.667	5.45	0.47	2.300	5.48	0.44
1.683	5.45	0.47	2.317	5.48	0.44
1.700	5.45	0.47	2.333	5.48	0.44
1.717	5.45	0.47	2.350	5.48	0.44
1.733	5.46	0.46	2.367	5.48	0.44
1.750	5.46	0.46	2.383	5.48	0.44
1.767	5.46	0.46	2.400	5.49	0.43
1.783	5.46	0.46	2.417	5.49	0.43
1.800	5.46	0.46	2.433	5.49	0.43
1.817	5.46	0.46	2.450	5.49	0.43
1.833	5.47	0.45	2.467	5.49	0.43
1.850	5.47	0.45	2.483	5.49	0.43
1.867	5.47	0.45	2.500	5.49	0.43
1.883	5.47	0.45	2.517	5.49	0.43

SLUG TEST DATA
MONITORING WELL 09-MW5S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	5.49	0.43	3.333	5.52	0.40
2.550	5.50	0.42	3.367	5.52	0.40
2.567	5.50	0.42	3.400	5.52	0.40
2.583	5.50	0.42	3.433	5.52	0.40
2.600	5.50	0.42	3.467	5.52	0.40
2.617	5.50	0.42	3.500	5.53	0.39
2.633	5.50	0.42	3.533	5.53	0.39
2.650	5.50	0.42	3.567	5.53	0.39
2.667	5.50	0.42	3.600	5.53	0.39
2.683	5.50	0.42	3.633	5.53	0.39
2.700	5.50	0.42	3.667	5.53	0.39
2.717	5.50	0.42	3.700	5.53	0.39
2.733	5.50	0.42	3.733	5.54	0.38
2.750	5.50	0.42	3.767	5.54	0.38
2.767	5.50	0.42	3.800	5.54	0.38
2.783	5.50	0.42	3.833	5.54	0.38
2.800	5.50	0.42	3.867	5.54	0.38
2.817	5.50	0.42	3.900	5.54	0.38
2.833	5.50	0.42	3.933	5.54	0.38
2.850	5.50	0.42	3.967	5.54	0.38
2.867	5.51	0.41	4.000	5.54	0.38
2.883	5.51	0.41	4.033	5.54	0.38
2.900	5.51	0.41	4.067	5.54	0.38
2.917	5.51	0.41	4.100	5.54	0.38
2.933	5.51	0.41	4.133	5.54	0.38
2.950	5.51	0.41	4.167	5.54	0.38
2.967	5.51	0.41	4.200	5.54	0.38
2.983	5.51	0.41	4.233	5.54	0.38
3.000	5.51	0.41	4.267	5.54	0.38
3.033	5.51	0.41	4.300	5.54	0.38
3.067	5.51	0.41	4.333	5.54	0.38
3.100	5.51	0.41	4.367	5.54	0.38
3.133	5.51	0.41	4.400	5.54	0.38
3.167	5.51	0.41	4.433	5.54	0.38
3.200	5.51	0.41	4.467	5.54	0.38
3.233	5.52	0.40	4.500	5.54	0.38
3.267	5.52	0.40	4.533	5.54	0.38
3.300	5.52	0.40	4.567	5.54	0.38

SLUG TEST DATA
MONITORING WELL 09-MW5S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
4.600	5.54	0.38	5.867	5.57	0.35
4.633	5.54	0.38	5.900	5.57	0.35
4.667	5.54	0.38	5.933	5.57	0.35
4.700	5.54	0.38	5.967	5.57	0.35
4.733	5.54	0.38	6.000	5.57	0.35
4.767	5.54	0.38	6.083	5.57	0.35
4.800	5.55	0.37	6.167	5.57	0.35
4.833	5.55	0.37	6.250	5.58	0.34
4.867	5.55	0.37	6.333	5.57	0.35
4.900	5.55	0.37	6.417	5.57	0.35
4.933	5.55	0.37	6.500	5.58	0.34
4.967	5.55	0.37	6.583	5.58	0.34
5.000	5.55	0.37	6.667	5.58	0.34
5.033	5.55	0.37	6.750	5.59	0.33
5.067	5.55	0.37	6.833	5.59	0.33
5.100	5.56	0.36	6.917	5.59	0.33
5.133	5.56	0.36	7.000	5.59	0.33
5.167	5.56	0.36	7.083	5.59	0.33
5.200	5.56	0.36	7.167	5.59	0.33
5.233	5.56	0.36	7.250	5.60	0.32
5.267	5.56	0.36	7.333	5.60	0.32
5.300	5.56	0.36	7.417	5.60	0.32
5.333	5.56	0.36	7.500	5.60	0.32
5.367	5.56	0.36	7.583	5.60	0.32
5.400	5.56	0.36	7.667	5.60	0.32
5.433	5.56	0.36	7.750	5.60	0.32
5.467	5.56	0.36	7.833	5.60	0.32
5.500	5.56	0.36	7.917	5.61	0.31
5.533	5.57	0.35	8.000	5.61	0.31
5.567	5.57	0.35	8.083	5.61	0.31
5.600	5.57	0.35	8.167	5.61	0.31
5.633	5.57	0.35	8.250	5.61	0.31
5.667	5.57	0.35	8.333	5.61	0.31
5.700	5.57	0.35	8.417	5.61	0.31
5.733	5.57	0.35	8.500	5.61	0.31
5.767	5.57	0.35	8.583	5.61	0.31
5.800	5.57	0.35	8.667	5.61	0.31
5.833	5.57	0.35	8.750	5.61	0.31

SLUG TEST DATA
MONITORING WELL 09-MW5S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
8.833	5.61	0.31	13.000	5.63	0.29
8.917	5.61	0.31	13.167	5.63	0.29
9.000	5.61	0.31	13.333	5.63	0.29
9.083	5.61	0.31	13.500	5.63	0.29
9.167	5.61	0.31	13.667	5.63	0.29
9.250	5.61	0.31	13.833	5.63	0.29
9.333	5.61	0.31	14.000	5.64	0.28
9.417	5.61	0.31	14.167	5.64	0.28
9.500	5.61	0.31	14.333	5.64	0.28
9.583	5.61	0.31	14.500	5.63	0.29
9.667	5.61	0.31	14.667	5.64	0.28
9.750	5.61	0.31	14.833	5.64	0.28
9.833	5.61	0.31	15.000	5.64	0.28
9.917	5.61	0.31	15.167	5.64	0.28
10.000	5.61	0.31	15.333	5.64	0.28
10.083	5.61	0.31	15.500	5.64	0.28
10.167	5.61	0.31	15.667	5.64	0.28
10.250	5.61	0.31	15.833	5.64	0.28
10.333	5.61	0.31	16.000	5.64	0.28
10.417	5.61	0.31	16.333	5.64	0.28
10.500	5.61	0.31	16.667	5.64	0.28
10.583	5.61	0.31	17.000	5.64	0.28
10.667	5.61	0.31	17.333	5.65	0.27
10.750	5.61	0.31	17.667	5.65	0.27
10.833	5.61	0.31	18.000	5.65	0.27
10.917	5.61	0.31	18.333	5.65	0.27
11.000	5.61	0.31	18.667	5.65	0.27
11.167	5.62	0.30	19.000	5.65	0.27
11.333	5.62	0.30	19.333	5.65	0.27
11.500	5.62	0.30	19.667	5.65	0.27
11.667	5.62	0.30	20.000	5.66	0.26
11.833	5.62	0.30	20.333	5.66	0.26
12.000	5.62	0.30	20.667	5.66	0.26
12.167	5.62	0.30	21.000	5.66	0.26
12.333	5.62	0.30	21.333	5.66	0.26
12.500	5.62	0.30	21.667	5.66	0.26
12.667	5.62	0.30	22.000	5.67	0.25
12.833	5.62	0.30	22.333	5.67	0.25

SLUG TEST DATA
MONITORING WELL 09–MW5S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
22.667	5.67	0.25	40.000	5.70	0.22
23.000	5.67	0.25	40.500	5.70	0.22
23.333	5.67	0.25	41.000	5.70	0.22
23.667	5.67	0.25	41.500	5.70	0.22
24.000	5.67	0.25	42.000	5.70	0.22
24.333	5.67	0.25	42.500	5.70	0.22
24.667	5.67	0.25	43.000	5.71	0.21
25.000	5.67	0.25	43.500	5.70	0.22
25.333	5.67	0.25	44.000	5.71	0.21
25.667	5.67	0.25	44.500	5.71	0.21
26.000	5.67	0.25	45.000	5.71	0.21
26.500	5.67	0.25	45.500	5.71	0.21
27.000	5.67	0.25	46.000	5.71	0.21
27.500	5.67	0.25	46.500	5.71	0.21
28.000	5.67	0.25	47.000	5.71	0.21
28.500	5.67	0.25	47.500	5.71	0.21
29.000	5.68	0.24	48.000	5.71	0.21
29.500	5.68	0.24	48.500	5.71	0.21
30.000	5.68	0.24	49.000	5.71	0.21
30.500	5.68	0.24	49.500	5.71	0.21
31.000	5.69	0.23	50.000	5.71	0.21
31.500	5.68	0.24	50.500	5.71	0.21
32.000	5.68	0.24	51.000	5.71	0.21
32.500	5.69	0.23	51.500	5.72	0.20
33.000	5.68	0.24	52.000	5.72	0.20
33.500	5.69	0.23	52.500	5.72	0.20
34.000	5.69	0.23	53.000	5.72	0.20
34.500	5.69	0.23	53.500	5.72	0.20
35.000	5.69	0.23	54.000	5.72	0.20
35.500	5.69	0.23	54.500	5.72	0.20
36.000	5.69	0.23	55.000	5.72	0.20
36.500	5.69	0.23	55.500	5.72	0.20
37.000	5.69	0.23	56.000	5.72	0.20
37.500	5.69	0.23	56.500	5.72	0.20
38.000	5.69	0.23	57.000	5.72	0.20
38.500	5.70	0.22	57.500	5.73	0.19
39.000	5.70	0.22	58.000	5.73	0.19
39.500	5.70	0.22	58.500	5.73	0.19

SLUG TEST DATA
MONITORING WELL 09-MW5S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
59.000	5.73	0.19			
59.500	5.73	0.19			
60.000	5.73	0.19			
60.500	5.73	0.19			

* INITIAL (PRE-TEST) HYDRAULIC HEAD = 5.92 FEET

SLUG TEST DATA
MONITORING WELL 09–MW6S – TEST 1
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	6.14	1.59	0.633	7.61	0.12
0.017	6.28	1.45	0.650	7.62	0.11
0.033	6.49	1.24	0.667	7.62	0.11
0.050	6.60	1.13	0.683	7.63	0.10
0.067	6.71	1.02	0.700	7.63	0.10
0.083	6.78	0.95	0.717	7.64	0.09
0.100	6.86	0.87	0.733	7.64	0.09
0.117	6.92	0.81	0.750	7.64	0.09
0.133	6.99	0.74	0.767	7.65	0.08
0.150	7.04	0.69	0.783	7.65	0.08
0.167	7.08	0.65	0.800	7.66	0.07
0.183	7.13	0.60	0.817	7.66	0.07
0.200	7.16	0.57	0.833	7.66	0.07
0.217	7.20	0.53	0.850	7.66	0.07
0.233	7.23	0.50	0.867	7.66	0.07
0.250	7.26	0.47	0.883	7.66	0.07
0.267	7.28	0.45	0.900	7.66	0.07
0.283	7.32	0.41	0.917	7.67	0.06
0.300	7.34	0.39	0.933	7.67	0.06
0.317	7.37	0.36	0.950	7.67	0.06
0.333	7.40	0.33	0.967	7.67	0.06
0.350	7.42	0.31	0.983	7.67	0.06
0.367	7.45	0.28	1.000	7.68	0.05
0.383	7.47	0.26	1.017	7.68	0.05
0.400	7.48	0.25	1.033	7.68	0.05
0.417	7.50	0.23	1.050	7.68	0.05
0.433	7.51	0.22	1.067	7.68	0.05
0.450	7.53	0.20	1.083	7.68	0.05
0.467	7.53	0.20	1.100	7.68	0.05
0.483	7.55	0.18	1.117	7.69	0.04
0.500	7.56	0.17	1.133	7.69	0.04
0.517	7.57	0.16	1.150	7.69	0.04
0.533	7.58	0.15	1.167	7.69	0.04
0.550	7.59	0.14	1.183	7.69	0.04
0.567	7.59	0.14	1.200	7.69	0.04
0.583	7.59	0.14	1.217	7.69	0.04
0.600	7.60	0.13	1.233	7.69	0.04
0.617	7.61	0.12	1.250	7.70	0.03

SLUG TEST DATA
MONITORING WELL 09-MW6S - TEST 1
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	7.70	0.03	1.900	7.72	0.01
1.283	7.70	0.03	1.917	7.72	0.01
1.300	7.70	0.03	1.933	7.72	0.01
1.317	7.70	0.03	1.950	7.72	0.01
1.333	7.70	0.03	1.967	7.72	0.01
1.350	7.70	0.03	1.983	7.72	0.01
1.367	7.70	0.03	2.000	7.72	0.01
1.383	7.70	0.03	2.017	7.72	0.01
1.400	7.70	0.03	2.033	7.72	0.01
1.417	7.70	0.03	2.050	7.72	0.01
1.433	7.70	0.03	2.067	7.72	0.01
1.450	7.71	0.02	2.083	7.72	0.01
1.467	7.71	0.02	2.100	7.72	0.01
1.483	7.71	0.02	2.117	7.72	0.01
1.500	7.71	0.02	2.133	7.72	0.01
1.517	7.71	0.02	2.150	7.72	0.01
1.533	7.71	0.02	2.167	7.72	0.01
1.550	7.71	0.02	2.183	7.72	0.01
1.567	7.71	0.02	2.200	7.72	0.01
1.583	7.71	0.02	2.217	7.72	0.01
1.600	7.71	0.02	2.233	7.72	0.01
1.617	7.71	0.02	2.250	7.72	0.01
1.633	7.71	0.02	2.267	7.72	0.01
1.650	7.72	0.01	2.283	7.72	0.01
1.667	7.72	0.01	2.300	7.72	0.01
1.683	7.72	0.01	2.317	7.72	0.01
1.700	7.72	0.01	2.333	7.72	0.01
1.717	7.72	0.01	2.350	7.72	0.01
1.733	7.72	0.01	2.367	7.72	0.01
1.750	7.72	0.01	2.383	7.72	0.01
1.767	7.72	0.01	2.400	7.72	0.01
1.783	7.72	0.01	2.417	7.72	0.01
1.800	7.72	0.01	2.433	7.72	0.01
1.817	7.72	0.01	2.450	7.72	0.01
1.833	7.72	0.01	2.467	7.72	0.01
1.850	7.72	0.01	2.483	7.72	0.01
1.867	7.72	0.01	2.500	7.72	0.01
1.883	7.72	0.01	2.517	7.72	0.01

SLUG TEST DATA
MONITORING WELL 09–MW6S – TEST 1
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	7.72	0.01			
2.550	7.72	0.01			
2.567	7.72	0.01			
2.583	7.73	0.00			

* INITIAL (PRE–TEST) HYDRAULIC HEAD = 7.73 FEET

SLUG TEST DATA
MONITORING WELL 09-MW6S - TEST 2
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	5.87	1.86	0.633	7.61	0.12
0.017	6.28	1.45	0.650	7.62	0.11
0.033	6.45	1.28	0.667	7.62	0.11
0.050	6.58	1.15	0.683	7.63	0.10
0.067	6.68	1.05	0.700	7.63	0.10
0.083	6.77	0.96	0.717	7.64	0.09
0.100	6.84	0.89	0.733	7.64	0.09
0.117	6.91	0.82	0.750	7.64	0.09
0.133	6.97	0.76	0.767	7.65	0.08
0.150	7.03	0.70	0.783	7.65	0.08
0.167	7.09	0.64	0.800	7.65	0.08
0.183	7.14	0.59	0.817	7.65	0.08
0.200	7.18	0.55	0.833	7.66	0.07
0.217	7.22	0.51	0.850	7.66	0.07
0.233	7.26	0.47	0.867	7.66	0.07
0.250	7.29	0.44	0.883	7.66	0.07
0.267	7.33	0.40	0.900	7.66	0.07
0.283	7.35	0.38	0.917	7.66	0.07
0.300	7.38	0.35	0.933	7.66	0.07
0.317	7.40	0.33	0.950	7.66	0.07
0.333	7.43	0.30	0.967	7.67	0.06
0.350	7.45	0.28	0.983	7.67	0.06
0.367	7.47	0.26	1.000	7.67	0.06
0.383	7.48	0.25	1.017	7.67	0.06
0.400	7.50	0.23	1.033	7.67	0.06
0.417	7.52	0.21	1.050	7.67	0.06
0.433	7.53	0.20	1.067	7.68	0.05
0.450	7.53	0.20	1.083	7.68	0.05
0.467	7.55	0.18	1.100	7.68	0.05
0.483	7.56	0.17	1.117	7.68	0.05
0.500	7.57	0.16	1.133	7.68	0.05
0.517	7.58	0.15	1.150	7.68	0.05
0.533	7.58	0.15	1.167	7.68	0.05
0.550	7.59	0.14	1.183	7.68	0.05
0.567	7.59	0.14	1.200	7.69	0.04
0.583	7.60	0.13	1.217	7.69	0.04
0.600	7.60	0.13	1.233	7.69	0.04
0.617	7.61	0.12	1.250	7.69	0.04

SLUG TEST DATA
MONITORING WELL 09–MW6S – TEST 2
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	7.69	0.04	1.900	7.71	0.02
1.283	7.69	0.04	1.917	7.71	0.02
1.300	7.69	0.04	1.933	7.71	0.02
1.317	7.69	0.04	1.950	7.72	0.01
1.333	7.69	0.04	1.967	7.72	0.01
1.350	7.70	0.03	1.983	7.72	0.01
1.367	7.70	0.03	2.000	7.72	0.01
1.383	7.70	0.03	2.017	7.72	0.01
1.400	7.70	0.03	2.033	7.72	0.01
1.417	7.70	0.03	2.050	7.72	0.01
1.433	7.70	0.03	2.067	7.72	0.01
1.450	7.70	0.03	2.083	7.72	0.01
1.467	7.70	0.03	2.100	7.72	0.01
1.483	7.70	0.03	2.117	7.72	0.01
1.500	7.70	0.03	2.133	7.72	0.01
1.517	7.70	0.03	2.150	7.72	0.01
1.533	7.70	0.03	2.167	7.72	0.01
1.550	7.70	0.03	2.183	7.72	0.01
1.567	7.70	0.03	2.200	7.72	0.01
1.583	7.71	0.02	2.217	7.72	0.01
1.600	7.70	0.03	2.233	7.72	0.01
1.617	7.71	0.02	2.250	7.72	0.01
1.633	7.71	0.02	2.267	7.72	0.01
1.650	7.71	0.02	2.283	7.72	0.01
1.667	7.71	0.02	2.300	7.72	0.01
1.683	7.71	0.02	2.317	7.72	0.01
1.700	7.71	0.02	2.333	7.72	0.01
1.717	7.71	0.02	2.350	7.72	0.01
1.733	7.71	0.02	2.367	7.72	0.01
1.750	7.71	0.02	2.383	7.72	0.01
1.767	7.71	0.02	2.400	7.72	0.01
1.783	7.71	0.02	2.417	7.72	0.01
1.800	7.71	0.02	2.433	7.72	0.01
1.817	7.71	0.02	2.450	7.72	0.01
1.833	7.71	0.02	2.467	7.72	0.01
1.850	7.71	0.02	2.483	7.72	0.01
1.867	7.71	0.02			
1.883	7.71	0.02			

* INITIAL (PRE–TEST) HYDRAULIC HEAD = 7.73 FEET

SLUG TEST DATA
MONITORING WELL 09–MW6D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	6.63	2.38	0.633	7.98	1.03
0.017	7.02	1.99	0.650	8.00	1.01
0.033	7.06	1.95	0.667	8.02	0.99
0.050	7.08	1.93	0.683	8.04	0.97
0.067	7.15	1.86	0.700	8.05	0.96
0.083	7.18	1.83	0.717	8.07	0.94
0.100	7.23	1.78	0.733	8.09	0.92
0.117	7.26	1.75	0.750	8.10	0.91
0.133	7.29	1.72	0.767	8.11	0.90
0.150	7.32	1.69	0.783	8.13	0.88
0.167	7.34	1.67	0.800	8.15	0.86
0.183	7.38	1.63	0.817	8.16	0.85
0.200	7.40	1.61	0.833	8.17	0.84
0.217	7.43	1.58	0.850	8.19	0.82
0.233	7.46	1.55	0.867	8.20	0.81
0.250	7.49	1.52	0.883	8.22	0.79
0.267	7.52	1.49	0.900	8.23	0.78
0.283	7.53	1.48	0.917	8.24	0.77
0.300	7.56	1.45	0.933	8.25	0.76
0.317	7.59	1.42	0.950	8.27	0.74
0.333	7.61	1.40	0.967	8.28	0.73
0.350	7.64	1.37	0.983	8.30	0.71
0.367	7.66	1.35	1.000	8.30	0.71
0.383	7.68	1.33	1.017	8.32	0.69
0.400	7.71	1.30	1.033	8.33	0.68
0.417	7.72	1.29	1.050	8.34	0.67
0.433	7.75	1.26	1.067	8.36	0.65
0.450	7.77	1.24	1.083	8.36	0.65
0.467	7.79	1.22	1.100	8.37	0.64
0.483	7.81	1.20	1.117	8.39	0.62
0.500	7.83	1.18	1.133	8.40	0.61
0.517	7.85	1.16	1.150	8.41	0.60
0.533	7.87	1.14	1.167	8.42	0.59
0.550	7.89	1.12	1.183	8.43	0.58
0.567	7.91	1.10	1.200	8.44	0.57
0.583	7.92	1.09	1.217	8.45	0.56
0.600	7.95	1.06	1.233	8.46	0.55
0.617	7.97	1.04	1.250	8.47	0.54

SLUG TEST DATA
MONITORING WELL 09-MW6D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	8.48	0.53	1.900	8.74	0.27
1.283	8.49	0.52	1.917	8.75	0.26
1.300	8.49	0.52	1.933	8.75	0.26
1.317	8.50	0.51	1.950	8.75	0.26
1.333	8.51	0.50	1.967	8.76	0.25
1.350	8.52	0.49	1.983	8.76	0.25
1.367	8.53	0.48	2.000	8.77	0.24
1.383	8.54	0.47	2.017	8.77	0.24
1.400	8.55	0.46	2.033	8.78	0.23
1.417	8.55	0.46	2.050	8.78	0.23
1.433	8.56	0.45	2.067	8.79	0.22
1.450	8.57	0.44	2.083	8.79	0.22
1.467	8.58	0.43	2.100	8.80	0.21
1.483	8.59	0.42	2.117	8.80	0.21
1.500	8.60	0.41	2.133	8.80	0.21
1.517	8.60	0.41	2.150	8.81	0.20
1.533	8.61	0.40	2.167	8.81	0.20
1.550	8.62	0.39	2.183	8.81	0.20
1.567	8.62	0.39	2.200	8.81	0.20
1.583	8.63	0.38	2.217	8.81	0.20
1.600	8.63	0.38	2.233	8.82	0.19
1.617	8.64	0.37	2.250	8.82	0.19
1.633	8.65	0.36	2.267	8.83	0.18
1.650	8.66	0.35	2.283	8.83	0.18
1.667	8.66	0.35	2.300	8.83	0.18
1.683	8.67	0.34	2.317	8.84	0.17
1.700	8.68	0.33	2.333	8.84	0.17
1.717	8.68	0.33	2.350	8.85	0.16
1.733	8.68	0.33	2.367	8.85	0.16
1.750	8.69	0.32	2.383	8.85	0.16
1.767	8.69	0.32	2.400	8.86	0.15
1.783	8.70	0.31	2.417	8.86	0.15
1.800	8.71	0.30	2.433	8.86	0.15
1.817	8.71	0.30	2.450	8.87	0.14
1.833	8.72	0.29	2.467	8.87	0.14
1.850	8.73	0.28	2.483	8.87	0.14
1.867	8.73	0.28	2.500	8.88	0.13
1.883	8.74	0.27	2.517	8.88	0.13

SLUG TEST DATA
MONITORING WELL 09–MW6D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	8.88	0.13	3.333	8.95	0.06
2.550	8.88	0.13	3.367	8.95	0.06
2.567	8.88	0.13	3.400	8.96	0.05
2.583	8.88	0.13	3.433	8.96	0.05
2.600	8.88	0.13	3.467	8.96	0.05
2.617	8.89	0.12	3.500	8.96	0.05
2.633	8.89	0.12	3.533	8.97	0.04
2.650	8.89	0.12	3.567	8.97	0.04
2.667	8.89	0.12	3.600	8.97	0.04
2.683	8.89	0.12	3.633	8.97	0.04
2.700	8.90	0.11	3.667	8.97	0.04
2.717	8.90	0.11	3.700	8.97	0.04
2.733	8.90	0.11	3.733	8.98	0.03
2.750	8.91	0.10	3.767	8.98	0.03
2.767	8.91	0.10	3.800	8.98	0.03
2.783	8.91	0.10	3.833	8.98	0.03
2.800	8.91	0.10	3.867	8.98	0.03
2.817	8.91	0.10	3.900	8.98	0.03
2.833	8.92	0.09	3.933	8.98	0.03
2.850	8.92	0.09	3.967	8.98	0.03
2.867	8.92	0.09	4.000	8.99	0.02
2.883	8.92	0.09	4.033	8.99	0.02
2.900	8.92	0.09	4.067	8.99	0.02
2.917	8.93	0.08	4.100	8.99	0.02
2.933	8.93	0.08	4.133	8.99	0.02
2.950	8.93	0.08	4.167	8.99	0.02
2.967	8.93	0.08	4.200	8.99	0.02
2.983	8.93	0.08	4.233	8.99	0.02
3.000	8.93	0.08	4.267	8.99	0.02
3.033	8.94	0.07	4.300	8.99	0.02
3.067	8.94	0.07	4.333	9.00	0.01
3.100	8.94	0.07	4.367	9.00	0.01
3.133	8.94	0.07	4.400	9.00	0.01
3.167	8.94	0.07	4.433	9.00	0.01
3.200	8.94	0.07	4.467	9.00	0.01
3.233	8.95	0.06	4.500	9.00	0.01
3.267	8.95	0.06	4.533	9.00	0.01
3.300	8.95	0.06	4.567	9.00	0.01

SLUG TEST DATA
MONITORING WELL 09-MW6D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
4.600	9.00	0.01	5.867	9.00	0.01
4.633	9.00	0.01	5.900	9.00	0.01
4.667	9.00	0.01	5.933	9.00	0.01
4.700	9.00	0.01	5.967	9.00	0.01
4.733	9.00	0.01	6.000	9.00	0.01
4.767	9.00	0.01	6.083	9.00	0.01
4.800	9.00	0.01	6.167	9.00	0.01
4.833	9.00	0.01	6.250	9.00	0.01
4.867	9.00	0.01	6.333	9.00	0.01
4.900	9.00	0.01	6.417	9.00	0.01
4.933	9.00	0.01	6.500	9.00	0.01
4.967	9.00	0.01	6.583	9.01	0.00
5.000	9.00	0.01			
5.033	9.00	0.01			
5.067	9.00	0.01			
5.100	9.00	0.01			
5.133	9.00	0.01			
5.167	9.00	0.01			
5.200	9.00	0.01			
5.233	9.00	0.01			
5.267	9.00	0.01			
5.300	9.00	0.01			
5.333	9.00	0.01			
5.367	9.00	0.01			
5.400	9.00	0.01			
5.433	9.00	0.01			
5.467	9.00	0.01			
5.500	9.00	0.01			
5.533	9.00	0.01			
5.567	9.00	0.01			
5.600	9.00	0.01			
5.633	9.00	0.01			
5.667	9.00	0.01			
5.700	9.00	0.01			
5.733	9.00	0.01			
5.767	9.00	0.01			
5.800	9.00	0.01			
5.833	9.00	0.01			

* INITIAL (PRE-TEST) HYDRAULIC HEAD = 9.01 FEET

SLUG TEST DATA
MONITORING WELL 09–MW7S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	4.55	1.78	0.633	5.99	0.34
0.017	4.83	1.50	0.650	5.99	0.34
0.033	4.92	1.41	0.667	5.99	0.34
0.050	5.01	1.32	0.683	6.00	0.33
0.067	5.09	1.24	0.700	6.01	0.32
0.083	5.16	1.17	0.717	6.01	0.32
0.100	5.23	1.10	0.733	6.01	0.32
0.117	5.29	1.04	0.750	6.02	0.31
0.133	5.35	0.98	0.767	6.02	0.31
0.150	5.40	0.93	0.783	6.02	0.31
0.167	5.45	0.88	0.800	6.03	0.30
0.183	5.50	0.83	0.817	6.03	0.30
0.200	5.54	0.79	0.833	6.03	0.30
0.217	5.58	0.75	0.850	6.04	0.29
0.233	5.61	0.72	0.867	6.04	0.29
0.250	5.65	0.68	0.883	6.04	0.29
0.267	5.69	0.64	0.900	6.05	0.28
0.283	5.72	0.61	0.917	6.05	0.28
0.300	5.75	0.58	0.933	6.05	0.28
0.317	5.77	0.56	0.950	6.05	0.28
0.333	5.80	0.53	0.967	6.06	0.27
0.350	5.82	0.51	0.983	6.06	0.27
0.367	5.84	0.49	1.000	6.06	0.27
0.383	5.86	0.47	1.017	6.06	0.27
0.400	5.87	0.46	1.033	6.07	0.26
0.417	5.88	0.45	1.050	6.07	0.26
0.433	5.90	0.43	1.067	6.07	0.26
0.450	5.91	0.42	1.083	6.07	0.26
0.467	5.92	0.41	1.100	6.07	0.26
0.483	5.93	0.40	1.117	6.08	0.25
0.500	5.94	0.39	1.133	6.08	0.25
0.517	5.94	0.39	1.150	6.08	0.25
0.533	5.95	0.38	1.167	6.08	0.25
0.550	5.96	0.37	1.183	6.08	0.25
0.567	5.97	0.36	1.200	6.08	0.25
0.583	5.97	0.36	1.217	6.09	0.24
0.600	5.97	0.36	1.233	6.09	0.24
0.617	5.98	0.35	1.250	6.09	0.24

SLUG TEST DATA
MONITORING WELL 09-MW7S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	6.09	0.24	1.900	6.13	0.20
1.283	6.09	0.24	1.917	6.13	0.20
1.300	6.10	0.23	1.933	6.14	0.19
1.317	6.10	0.23	1.950	6.14	0.19
1.333	6.10	0.23	1.967	6.14	0.19
1.350	6.10	0.23	1.983	6.14	0.19
1.367	6.10	0.23	2.000	6.14	0.19
1.383	6.10	0.23	2.017	6.14	0.19
1.400	6.10	0.23	2.033	6.14	0.19
1.417	6.10	0.23	2.050	6.14	0.19
1.433	6.10	0.23	2.067	6.14	0.19
1.450	6.11	0.22	2.083	6.14	0.19
1.467	6.11	0.22	2.100	6.14	0.19
1.483	6.11	0.22	2.117	6.14	0.19
1.500	6.11	0.22	2.133	6.14	0.19
1.517	6.11	0.22	2.150	6.14	0.19
1.533	6.11	0.22	2.167	6.14	0.19
1.550	6.11	0.22	2.183	6.15	0.18
1.567	6.11	0.22	2.200	6.15	0.18
1.583	6.12	0.21	2.217	6.15	0.18
1.600	6.12	0.21	2.233	6.15	0.18
1.617	6.12	0.21	2.250	6.15	0.18
1.633	6.12	0.21	2.267	6.15	0.18
1.650	6.12	0.21	2.283	6.15	0.18
1.667	6.12	0.21	2.300	6.15	0.18
1.683	6.12	0.21	2.317	6.15	0.18
1.700	6.12	0.21	2.333	6.15	0.18
1.717	6.12	0.21	2.350	6.15	0.18
1.733	6.12	0.21	2.367	6.15	0.18
1.750	6.12	0.21	2.383	6.16	0.17
1.767	6.13	0.20	2.400	6.16	0.17
1.783	6.13	0.20	2.417	6.16	0.17
1.800	6.13	0.20	2.433	6.16	0.17
1.817	6.13	0.20	2.450	6.16	0.17
1.833	6.13	0.20	2.467	6.16	0.17
1.850	6.13	0.20	2.483	6.16	0.17
1.867	6.13	0.20	2.500	6.16	0.17
1.883	6.13	0.20	2.517	6.16	0.17

SLUG TEST DATA
MONITORING WELL 09-MW7S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	6.16	0.17	3.333	6.18	0.15
2.550	6.16	0.17	3.367	6.19	0.14
2.567	6.16	0.17	3.400	6.19	0.14
2.583	6.16	0.17	3.433	6.19	0.14
2.600	6.16	0.17	3.467	6.19	0.14
2.617	6.16	0.17	3.500	6.19	0.14
2.633	6.16	0.17	3.533	6.19	0.14
2.650	6.16	0.17	3.567	6.19	0.14
2.667	6.16	0.17	3.600	6.19	0.14
2.683	6.16	0.17	3.633	6.19	0.14
2.700	6.16	0.17	3.667	6.19	0.14
2.717	6.17	0.16	3.700	6.19	0.14
2.733	6.17	0.16	3.733	6.20	0.13
2.750	6.17	0.16	3.767	6.20	0.13
2.767	6.17	0.16	3.800	6.20	0.13
2.783	6.17	0.16	3.833	6.20	0.13
2.800	6.17	0.16	3.867	6.20	0.13
2.817	6.17	0.16	3.900	6.20	0.13
2.833	6.17	0.16	3.933	6.20	0.13
2.850	6.17	0.16	3.967	6.20	0.13
2.867	6.17	0.16	4.000	6.20	0.13
2.883	6.17	0.16	4.033	6.20	0.13
2.900	6.17	0.16	4.067	6.20	0.13
2.917	6.17	0.16	4.100	6.21	0.12
2.933	6.17	0.16	4.133	6.21	0.12
2.950	6.17	0.16	4.167	6.21	0.12
2.967	6.17	0.16	4.200	6.21	0.12
2.983	6.18	0.15	4.233	6.21	0.12
3.000	6.18	0.15	4.267	6.21	0.12
3.033	6.18	0.15	4.300	6.21	0.12
3.067	6.18	0.15	4.333	6.21	0.12
3.100	6.18	0.15	4.367	6.21	0.12
3.133	6.18	0.15	4.400	6.21	0.12
3.167	6.18	0.15	4.433	6.21	0.12
3.200	6.18	0.15	4.467	6.21	0.12
3.233	6.18	0.15	4.500	6.21	0.12
3.267	6.18	0.15	4.533	6.21	0.12
3.300	6.18	0.15	4.567	6.21	0.12

SLUG TEST DATA
MONITORING WELL 09-MW7S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
4.600	6.21	0.12	5.867	6.23	0.10
4.633	6.21	0.12	5.900	6.23	0.10
4.667	6.21	0.12	5.933	6.23	0.10
4.700	6.21	0.12	5.967	6.23	0.10
4.733	6.22	0.11	6.000	6.23	0.10
4.767	6.21	0.12	6.083	6.23	0.10
4.800	6.21	0.12	6.167	6.23	0.10
4.833	6.22	0.11	6.250	6.23	0.10
4.867	6.22	0.11	6.333	6.23	0.10
4.900	6.22	0.11	6.417	6.23	0.10
4.933	6.22	0.11	6.500	6.24	0.09
4.967	6.22	0.11	6.583	6.24	0.09
5.000	6.22	0.11	6.667	6.24	0.09
5.033	6.22	0.11	6.750	6.24	0.09
5.067	6.22	0.11	6.833	6.24	0.09
5.100	6.22	0.11	6.917	6.24	0.09
5.133	6.22	0.11	7.000	6.24	0.09
5.167	6.22	0.11	7.083	6.24	0.09
5.200	6.22	0.11	7.167	6.24	0.09
5.233	6.22	0.11	7.250	6.24	0.09
5.267	6.22	0.11	7.333	6.24	0.09
5.300	6.22	0.11	7.417	6.24	0.09
5.333	6.23	0.10	7.500	6.24	0.09
5.367	6.22	0.11	7.583	6.25	0.08
5.400	6.23	0.10	7.667	6.25	0.08
5.433	6.23	0.10	7.750	6.25	0.08
5.467	6.23	0.10	7.833	6.25	0.08
5.500	6.23	0.10	7.917	6.25	0.08
5.533	6.23	0.10	8.000	6.25	0.08
5.567	6.23	0.10	8.083	6.25	0.08
5.600	6.23	0.10	8.167	6.25	0.08
5.633	6.23	0.10	8.250	6.25	0.08
5.667	6.23	0.10	8.333	6.25	0.08
5.700	6.23	0.10	8.417	6.25	0.08
5.733	6.23	0.10	8.500	6.25	0.08
5.767	6.23	0.10	8.583	6.25	0.08
5.800	6.23	0.10	8.667	6.25	0.08
5.833	6.23	0.10	8.750	6.25	0.08

SLUG TEST DATA
MONITORING WELL 09-MW7S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
8.833	6.25	0.08	13.000	6.27	0.06
8.917	6.25	0.08	13.167	6.27	0.06
9.000	6.25	0.08	13.333	6.27	0.06
9.083	6.25	0.08	13.500	6.27	0.06
9.167	6.25	0.08	13.667	6.27	0.06
9.250	6.25	0.08	13.833	6.27	0.06
9.333	6.25	0.08	14.000	6.27	0.06
9.417	6.25	0.08	14.167	6.27	0.06
9.500	6.25	0.08	14.333	6.27	0.06
9.583	6.25	0.08	14.500	6.27	0.06
9.667	6.25	0.08	14.667	6.27	0.06
9.750	6.26	0.07	14.833	6.27	0.06
9.833	6.26	0.07	15.000	6.27	0.06
9.917	6.26	0.07	15.167	6.27	0.06
10.000	6.26	0.07	15.333	6.27	0.06
10.083	6.26	0.07	15.500	6.27	0.06
10.167	6.26	0.07	15.667	6.27	0.06
10.250	6.26	0.07	15.833	6.27	0.06
10.333	6.26	0.07	16.000	6.27	0.06
10.417	6.26	0.07	16.333	6.27	0.06
10.500	6.26	0.07	16.667	6.27	0.06
10.583	6.26	0.07	17.000	6.27	0.06
10.667	6.26	0.07	17.333	6.27	0.06
10.750	6.26	0.07	17.667	6.27	0.06
10.833	6.26	0.07	18.000	6.27	0.06
10.917	6.26	0.07	18.333	6.27	0.06
11.000	6.26	0.07	18.667	6.27	0.06
11.167	6.26	0.07	19.000	6.27	0.06
11.333	6.26	0.07	19.333	6.27	0.06
11.500	6.26	0.07	19.667	6.27	0.06
11.667	6.26	0.07	20.000	6.27	0.06
11.833	6.26	0.07	20.333	6.27	0.06
12.000	6.27	0.06	20.667	6.27	0.06
12.167	6.27	0.06	21.000	6.27	0.06
12.333	6.27	0.06	21.333	6.27	0.06
12.500	6.27	0.06	21.667	6.27	0.06
12.667	6.27	0.06			
12.833	6.27	0.06			

* INITIAL (PRE-TEST) HYDRAULIC HEAD = 6.33 FEET

SLUG TEST DATA
MONITORING WELL 09-MW7D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	5.62	1.84	0.633	6.04	1.42
0.017	5.71	1.75	0.650	6.04	1.42
0.033	5.80	1.66	0.667	6.05	1.41
0.050	5.81	1.65	0.683	6.05	1.41
0.067	5.84	1.62	0.700	6.05	1.41
0.083	5.84	1.62	0.717	6.06	1.40
0.100	5.86	1.60	0.733	6.06	1.40
0.117	5.87	1.59	0.750	6.06	1.40
0.133	5.88	1.58	0.767	6.06	1.40
0.150	5.89	1.57	0.783	6.07	1.39
0.167	5.90	1.56	0.800	6.07	1.39
0.183	5.91	1.55	0.817	6.08	1.38
0.200	5.92	1.54	0.833	6.08	1.38
0.217	5.92	1.54	0.850	6.08	1.38
0.233	5.93	1.53	0.867	6.08	1.38
0.250	5.94	1.52	0.883	6.09	1.37
0.267	5.94	1.52	0.900	6.09	1.37
0.283	5.95	1.51	0.917	6.09	1.37
0.300	5.95	1.51	0.933	6.10	1.36
0.317	5.96	1.50	0.950	6.10	1.36
0.333	5.97	1.49	0.967	6.10	1.36
0.350	5.97	1.49	0.983	6.10	1.36
0.367	5.98	1.48	1.000	6.11	1.35
0.383	5.98	1.48	1.017	6.11	1.35
0.400	5.99	1.47	1.033	6.11	1.35
0.417	5.99	1.47	1.050	6.12	1.34
0.433	5.99	1.47	1.067	6.12	1.34
0.450	6.00	1.46	1.083	6.12	1.34
0.467	6.00	1.46	1.100	6.12	1.34
0.483	6.01	1.45	1.117	6.13	1.33
0.500	6.01	1.45	1.133	6.13	1.33
0.517	6.01	1.45	1.150	6.13	1.33
0.533	6.02	1.44	1.167	6.14	1.32
0.550	6.02	1.44	1.183	6.14	1.32
0.567	6.03	1.43	1.200	6.14	1.32
0.583	6.03	1.43	1.217	6.14	1.32
0.600	6.03	1.43	1.233	6.15	1.31
0.617	6.03	1.43	1.250	6.15	1.31

SLUG TEST DATA
MONITORING WELL 09-MW7D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	6.15	1.31	1.900	6.25	1.21
1.283	6.16	1.30	1.917	6.25	1.21
1.300	6.16	1.30	1.933	6.25	1.21
1.317	6.16	1.30	1.950	6.26	1.20
1.333	6.16	1.30	1.967	6.26	1.20
1.350	6.16	1.30	1.983	6.26	1.20
1.367	6.17	1.29	2.000	6.27	1.19
1.383	6.17	1.29	2.017	6.27	1.19
1.400	6.17	1.29	2.033	6.27	1.19
1.417	6.18	1.28	2.050	6.27	1.19
1.433	6.18	1.28	2.067	6.27	1.19
1.450	6.18	1.28	2.083	6.28	1.18
1.467	6.18	1.28	2.100	6.28	1.18
1.483	6.19	1.27	2.117	6.28	1.18
1.500	6.19	1.27	2.133	6.28	1.18
1.517	6.19	1.27	2.150	6.29	1.17
1.533	6.20	1.26	2.167	6.29	1.17
1.550	6.20	1.26	2.183	6.29	1.17
1.567	6.20	1.26	2.200	6.29	1.17
1.583	6.20	1.26	2.217	6.29	1.17
1.600	6.21	1.25	2.233	6.30	1.16
1.617	6.21	1.25	2.250	6.30	1.16
1.633	6.21	1.25	2.267	6.30	1.16
1.650	6.21	1.25	2.283	6.31	1.15
1.667	6.22	1.24	2.300	6.31	1.15
1.683	6.22	1.24	2.317	6.31	1.15
1.700	6.22	1.24	2.333	6.31	1.15
1.717	6.22	1.24	2.350	6.31	1.15
1.733	6.23	1.23	2.367	6.31	1.15
1.750	6.23	1.23	2.383	6.32	1.14
1.767	6.23	1.23	2.400	6.32	1.14
1.783	6.23	1.23	2.417	6.32	1.14
1.800	6.24	1.22	2.433	6.32	1.14
1.817	6.24	1.22	2.450	6.33	1.13
1.833	6.24	1.22	2.467	6.33	1.13
1.850	6.24	1.22	2.483	6.33	1.13
1.867	6.25	1.21	2.500	6.33	1.13
1.883	6.25	1.21	2.517	6.33	1.13

SLUG TEST DATA
MONITORING WELL 09-MW7D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	6.34	1.12	3.333	6.44	1.02
2.550	6.34	1.12	3.367	6.44	1.02
2.567	6.34	1.12	3.400	6.45	1.01
2.583	6.35	1.11	3.433	6.45	1.01
2.600	6.35	1.11	3.467	6.45	1.01
2.617	6.35	1.11	3.500	6.46	1.00
2.633	6.35	1.11	3.533	6.46	1.00
2.650	6.35	1.11	3.567	6.47	0.99
2.667	6.36	1.10	3.600	6.47	0.99
2.683	6.36	1.10	3.633	6.47	0.99
2.700	6.36	1.10	3.667	6.48	0.98
2.717	6.36	1.10	3.700	6.48	0.98
2.733	6.36	1.10	3.733	6.48	0.98
2.750	6.37	1.09	3.767	6.49	0.97
2.767	6.37	1.09	3.800	6.49	0.97
2.783	6.37	1.09	3.833	6.50	0.96
2.800	6.37	1.09	3.867	6.50	0.96
2.817	6.38	1.08	3.900	6.50	0.96
2.833	6.38	1.08	3.933	6.51	0.95
2.850	6.38	1.08	3.967	6.51	0.95
2.867	6.38	1.08	4.000	6.51	0.95
2.883	6.38	1.08	4.033	6.52	0.94
2.900	6.38	1.08	4.067	6.52	0.94
2.917	6.39	1.07	4.100	6.53	0.93
2.933	6.39	1.07	4.133	6.53	0.93
2.950	6.39	1.07	4.167	6.53	0.93
2.967	6.40	1.06	4.200	6.54	0.92
2.983	6.40	1.06	4.233	6.54	0.92
3.000	6.40	1.06	4.267	6.55	0.91
3.033	6.40	1.06	4.300	6.55	0.91
3.067	6.41	1.05	4.333	6.55	0.91
3.100	6.41	1.05	4.367	6.55	0.91
3.133	6.42	1.04	4.400	6.56	0.90
3.167	6.42	1.04	4.433	6.56	0.90
3.200	6.42	1.04	4.467	6.57	0.89
3.233	6.43	1.03	4.500	6.57	0.89
3.267	6.43	1.03	4.533	6.57	0.89
3.300	6.44	1.02	4.567	6.57	0.89

SLUG TEST DATA
MONITORING WELL 09–MW7D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
4.600	6.58	0.88	5.867	6.70	0.76
4.633	6.58	0.88	5.900	6.70	0.76
4.667	6.59	0.87	5.933	6.70	0.76
4.700	6.59	0.87	5.967	6.71	0.75
4.733	6.59	0.87	6.000	6.71	0.75
4.767	6.59	0.87	6.083	6.72	0.74
4.800	6.60	0.86	6.167	6.72	0.74
4.833	6.60	0.86	6.250	6.73	0.73
4.867	6.61	0.85	6.333	6.74	0.72
4.900	6.61	0.85	6.417	6.74	0.72
4.933	6.61	0.85	6.500	6.75	0.71
4.967	6.61	0.85	6.583	6.76	0.70
5.000	6.62	0.84	6.667	6.76	0.70
5.033	6.62	0.84	6.750	6.77	0.69
5.067	6.62	0.84	6.833	6.78	0.68
5.100	6.63	0.83	6.917	6.78	0.68
5.133	6.63	0.83	7.000	6.79	0.67
5.167	6.63	0.83	7.083	6.80	0.66
5.200	6.64	0.82	7.167	6.80	0.66
5.233	6.64	0.82	7.250	6.81	0.65
5.267	6.64	0.82	7.333	6.82	0.64
5.300	6.65	0.81	7.417	6.82	0.64
5.333	6.65	0.81	7.500	6.83	0.63
5.367	6.65	0.81	7.583	6.83	0.63
5.400	6.65	0.81	7.667	6.84	0.62
5.433	6.66	0.80	7.750	6.85	0.61
5.467	6.66	0.80	7.833	6.85	0.61
5.500	6.66	0.80	7.917	6.86	0.60
5.533	6.67	0.79	8.000	6.86	0.60
5.567	6.67	0.79	8.083	6.87	0.59
5.600	6.68	0.78	8.167	6.87	0.59
5.633	6.68	0.78	8.250	6.88	0.58
5.667	6.68	0.78	8.333	6.89	0.57
5.700	6.68	0.78	8.417	6.89	0.57
5.733	6.69	0.77	8.500	6.89	0.57
5.767	6.69	0.77	8.583	6.90	0.56
5.800	6.69	0.77	8.667	6.91	0.55
5.833	6.70	0.76	8.750	6.91	0.55

SLUG TEST DATA
MONITORING WELL 09–MW7D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
8.833	6.92	0.54	13.000	7.12	0.34
8.917	6.92	0.54	13.167	7.13	0.33
9.000	6.93	0.53	13.333	7.14	0.32
9.083	6.93	0.53	13.500	7.15	0.31
9.167	6.94	0.52	13.667	7.15	0.31
9.250	6.94	0.52	13.833	7.16	0.30
9.333	6.95	0.51	14.000	7.16	0.30
9.417	6.95	0.51	14.167	7.17	0.29
9.500	6.95	0.51	14.333	7.17	0.29
9.583	6.96	0.50	14.500	7.18	0.28
9.667	6.97	0.49	14.667	7.19	0.27
9.750	6.97	0.49	14.833	7.19	0.27
9.833	6.97	0.49	15.000	7.20	0.26
9.917	6.98	0.48	15.167	7.20	0.26
10.000	6.98	0.48	15.333	7.21	0.25
10.083	6.99	0.47	15.500	7.21	0.25
10.167	6.99	0.47	15.667	7.22	0.24
10.250	7.00	0.46	15.833	7.22	0.24
10.333	7.00	0.46	16.000	7.23	0.23
10.417	7.01	0.45	16.333	7.24	0.22
10.500	7.01	0.45	16.667	7.25	0.21
10.583	7.02	0.44	17.000	7.25	0.21
10.667	7.02	0.44	17.333	7.26	0.20
10.750	7.02	0.44	17.667	7.27	0.19
10.833	7.03	0.43	18.000	7.28	0.18
10.917	7.03	0.43	18.333	7.29	0.17
11.000	7.04	0.42	18.667	7.29	0.17
11.167	7.04	0.42	19.000	7.30	0.16
11.333	7.05	0.41	19.333	7.31	0.15
11.500	7.06	0.40	19.667	7.32	0.14
11.667	7.07	0.39	20.000	7.32	0.14
11.833	7.08	0.38	20.333	7.33	0.13
12.000	7.08	0.38	20.667	7.34	0.12
12.167	7.09	0.37	21.000	7.34	0.12
12.333	7.10	0.36	21.333	7.35	0.11
12.500	7.10	0.36	21.667	7.36	0.10
12.667	7.11	0.35	22.000	7.36	0.10
12.833	7.12	0.34	22.333	7.37	0.09

SLUG TEST DATA
MONITORING WELL 09-MW7D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
22.667	7.37	0.09			
23.000	7.38	0.08			
23.333	7.38	0.08			
23.667	7.39	0.07			
24.000	7.39	0.07			
24.333	7.40	0.06			
24.667	7.40	0.06			
25.000	7.40	0.06			
25.333	7.41	0.05			
25.667	7.42	0.04			
26.000	7.42	0.04			
26.500	7.42	0.04			
27.000	7.43	0.03			
27.500	7.44	0.02			
28.000	7.44	0.02			
28.500	7.44	0.02			
29.000	7.45	0.01			
29.500	7.45	0.01			
30.000	7.46	0.00			

* INITIAL (PRE-TEST) HYDRAULIC HEAD = 7.46 FEET

SLUG TEST DATA
MONITORING WELL 09–MW8S – TEST 1
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	5.80	1.81	0.633	7.54	0.07
0.017	6.50	1.11	0.650	7.54	0.07
0.033	6.82	0.79	0.667	7.54	0.07
0.050	7.04	0.57	0.683	7.54	0.07
0.067	7.17	0.44	0.700	7.55	0.06
0.083	7.26	0.35	0.717	7.55	0.06
0.100	7.31	0.30	0.733	7.55	0.06
0.117	7.35	0.26	0.750	7.55	0.06
0.133	7.38	0.23	0.767	7.55	0.06
0.150	7.40	0.21	0.783	7.55	0.06
0.167	7.41	0.20	0.800	7.56	0.05
0.183	7.43	0.18	0.817	7.56	0.05
0.200	7.44	0.17	0.833	7.56	0.05
0.217	7.45	0.16	0.850	7.56	0.05
0.233	7.46	0.15	0.867	7.56	0.05
0.250	7.47	0.14	0.883	7.56	0.05
0.267	7.47	0.14	0.900	7.57	0.04
0.283	7.47	0.14	0.917	7.57	0.04
0.300	7.48	0.13	0.933	7.57	0.04
0.317	7.48	0.13	0.950	7.57	0.04
0.333	7.49	0.12	0.967	7.57	0.04
0.350	7.49	0.12	0.983	7.57	0.04
0.367	7.50	0.11	1.000	7.57	0.04
0.383	7.50	0.11	1.017	7.57	0.04
0.400	7.51	0.10	1.033	7.57	0.04
0.417	7.51	0.10	1.050	7.58	0.03
0.433	7.51	0.10	1.067	7.58	0.03
0.450	7.52	0.09	1.083	7.58	0.03
0.467	7.52	0.09	1.100	7.58	0.03
0.483	7.52	0.09	1.117	7.58	0.03
0.500	7.53	0.08	1.133	7.58	0.03
0.517	7.53	0.08	1.150	7.58	0.03
0.533	7.53	0.08	1.167	7.58	0.03
0.550	7.53	0.08	1.183	7.58	0.03
0.567	7.53	0.08	1.200	7.58	0.03
0.583	7.53	0.08	1.217	7.58	0.03
0.600	7.53	0.08	1.233	7.58	0.03
0.617	7.54	0.07	1.250	7.59	0.02

SLUG TEST DATA
MONITORING WELL 09–MW8S – TEST 1
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	7.59	0.02	1.900	7.60	0.01
1.283	7.59	0.02	1.917	7.60	0.01
1.300	7.59	0.02	1.933	7.60	0.01
1.317	7.59	0.02	1.950	7.60	0.01
1.333	7.59	0.02	1.967	7.60	0.01
1.350	7.59	0.02	1.983	7.60	0.01
1.367	7.59	0.02	2.000	7.60	0.01
1.383	7.59	0.02	2.017	7.60	0.01
1.400	7.59	0.02	2.033	7.60	0.01
1.417	7.59	0.02	2.050	7.60	0.01
1.433	7.59	0.02	2.067	7.60	0.01
1.450	7.59	0.02	2.083	7.60	0.01
1.467	7.59	0.02	2.100	7.60	0.01
1.483	7.59	0.02	2.117	7.60	0.01
1.500	7.59	0.02	2.133	7.61	0.00
1.517	7.59	0.02			
1.533	7.59	0.02			
1.550	7.59	0.02			
1.567	7.59	0.02			
1.583	7.59	0.02			
1.600	7.59	0.02			
1.617	7.59	0.02			
1.633	7.59	0.02			
1.650	7.59	0.02			
1.667	7.59	0.02			
1.683	7.59	0.02			
1.700	7.59	0.02			
1.717	7.59	0.02			
1.733	7.60	0.01			
1.750	7.60	0.01			
1.767	7.60	0.01			
1.783	7.60	0.01			
1.800	7.60	0.01			
1.817	7.60	0.01			
1.833	7.60	0.01			
1.850	7.60	0.01			
1.867	7.60	0.01			
1.883	7.60	0.01			

* INITIAL (PRE–TEST) HYDRAULIC HEAD = 7.61 FEET

SLUG TEST DATA
MONITORING WELL 09-MW8S - TEST 2
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	4.17	3.46	0.633	7.55	0.08
0.017	6.53	1.10	0.650	7.56	0.07
0.033	6.72	0.91	0.667	7.56	0.07
0.050	6.96	0.67	0.683	7.56	0.07
0.067	7.12	0.51	0.700	7.56	0.07
0.083	7.23	0.40	0.717	7.56	0.07
0.100	7.29	0.34	0.733	7.57	0.06
0.117	7.34	0.29	0.750	7.57	0.06
0.133	7.38	0.25	0.767	7.57	0.06
0.150	7.40	0.23	0.783	7.57	0.06
0.167	7.42	0.21	0.800	7.57	0.06
0.183	7.43	0.20	0.817	7.58	0.05
0.200	7.45	0.18	0.833	7.58	0.05
0.217	7.46	0.17	0.850	7.58	0.05
0.233	7.47	0.16	0.867	7.58	0.05
0.250	7.47	0.16	0.883	7.58	0.05
0.267	7.48	0.15	0.900	7.58	0.05
0.283	7.48	0.15	0.917	7.59	0.04
0.300	7.49	0.14	0.933	7.59	0.04
0.317	7.49	0.14	0.950	7.59	0.04
0.333	7.50	0.13	0.967	7.59	0.04
0.350	7.51	0.12	0.983	7.59	0.04
0.367	7.51	0.12	1.000	7.59	0.04
0.383	7.52	0.11	1.017	7.59	0.04
0.400	7.52	0.11	1.033	7.59	0.04
0.417	7.52	0.11	1.050	7.59	0.04
0.433	7.53	0.10	1.067	7.59	0.04
0.450	7.53	0.10	1.083	7.59	0.04
0.467	7.53	0.10	1.100	7.59	0.04
0.483	7.53	0.10	1.117	7.59	0.04
0.500	7.53	0.10	1.133	7.59	0.04
0.517	7.54	0.09	1.150	7.59	0.04
0.533	7.54	0.09	1.167	7.59	0.04
0.550	7.54	0.09	1.183	7.59	0.04
0.567	7.54	0.09	1.200	7.59	0.04
0.583	7.55	0.08	1.217	7.60	0.03
0.600	7.55	0.08	1.233	7.60	0.03
0.617	7.55	0.08	1.250	7.60	0.03

SLUG TEST DATA
MONITORING WELL 09–MW8S – TEST 2
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	7.60	0.03	1.900	7.62	0.01
1.283	7.60	0.03	1.917	7.62	0.01
1.300	7.60	0.03	1.933	7.62	0.01
1.317	7.60	0.03	1.950	7.62	0.01
1.333	7.60	0.03	1.967	7.62	0.01
1.350	7.60	0.03	1.983	7.62	0.01
1.367	7.60	0.03	2.000	7.62	0.01
1.383	7.60	0.03	2.017	7.62	0.01
1.400	7.60	0.03	2.033	7.62	0.01
1.417	7.61	0.02	2.050	7.62	0.01
1.433	7.61	0.02	2.067	7.63	0.00
1.450	7.61	0.02			
1.467	7.61	0.02			
1.483	7.61	0.02			
1.500	7.61	0.02			
1.517	7.61	0.02			
1.533	7.61	0.02			
1.550	7.61	0.02			
1.567	7.61	0.02			
1.583	7.61	0.02			
1.600	7.61	0.02			
1.617	7.61	0.02			
1.633	7.61	0.02			
1.650	7.61	0.02			
1.667	7.61	0.02			
1.683	7.62	0.01			
1.700	7.62	0.01			
1.717	7.62	0.01			
1.733	7.62	0.01			
1.750	7.62	0.01			
1.767	7.62	0.01			
1.783	7.62	0.01			
1.800	7.62	0.01			
1.817	7.62	0.01			
1.833	7.62	0.01			
1.850	7.62	0.01			
1.867	7.62	0.01			
1.883	7.62	0.01			

* INITIAL (PRE–TEST) HYDRAULIC HEAD = 7.63 FEET

SLUG TEST DATA
MONITORING WELL 09–MW8D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	5.34	2.14	0.633	6.06	1.42
0.017	5.47	2.01	0.650	6.08	1.40
0.033	5.51	1.97	0.667	6.09	1.39
0.050	5.54	1.94	0.683	6.10	1.38
0.067	5.59	1.89	0.700	6.11	1.37
0.083	5.61	1.87	0.717	6.12	1.36
0.100	5.63	1.85	0.733	6.13	1.35
0.117	5.65	1.83	0.750	6.14	1.34
0.133	5.67	1.81	0.767	6.15	1.33
0.150	5.68	1.80	0.783	6.16	1.32
0.167	5.70	1.78	0.800	6.18	1.30
0.183	5.72	1.76	0.817	6.18	1.30
0.200	5.74	1.74	0.833	6.19	1.29
0.217	5.75	1.73	0.850	6.20	1.28
0.233	5.76	1.72	0.867	6.21	1.27
0.250	5.78	1.70	0.883	6.22	1.26
0.267	5.80	1.68	0.900	6.24	1.24
0.283	5.80	1.68	0.917	6.24	1.24
0.300	5.82	1.66	0.933	6.25	1.23
0.317	5.83	1.65	0.950	6.26	1.22
0.333	5.85	1.63	0.967	6.27	1.21
0.350	5.86	1.62	0.983	6.28	1.20
0.367	5.87	1.61	1.000	6.29	1.19
0.383	5.88	1.60	1.017	6.30	1.18
0.400	5.90	1.58	1.033	6.31	1.17
0.417	5.91	1.57	1.050	6.31	1.17
0.433	5.93	1.55	1.067	6.32	1.16
0.450	5.93	1.55	1.083	6.33	1.15
0.467	5.95	1.53	1.100	6.34	1.14
0.483	5.96	1.52	1.117	6.35	1.13
0.500	5.98	1.50	1.133	6.36	1.12
0.517	5.99	1.49	1.150	6.37	1.11
0.533	5.99	1.49	1.167	6.38	1.10
0.550	6.01	1.47	1.183	6.38	1.10
0.567	6.02	1.46	1.200	6.39	1.09
0.583	6.03	1.45	1.217	6.40	1.08
0.600	6.05	1.43	1.233	6.41	1.07
0.617	6.06	1.42	1.250	6.42	1.06

SLUG TEST DATA
MONITORING WELL 09–MW8D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	6.43	1.05	1.900	6.70	0.78
1.283	6.44	1.04	1.917	6.70	0.78
1.300	6.44	1.04	1.933	6.70	0.78
1.317	6.44	1.04	1.950	6.71	0.77
1.333	6.45	1.03	1.967	6.72	0.76
1.350	6.46	1.02	1.983	6.72	0.76
1.367	6.47	1.01	2.000	6.73	0.75
1.383	6.48	1.00	2.017	6.74	0.74
1.400	6.49	0.99	2.033	6.74	0.74
1.417	6.50	0.98	2.050	6.75	0.73
1.433	6.50	0.98	2.067	6.76	0.72
1.450	6.51	0.97	2.083	6.76	0.72
1.467	6.52	0.96	2.100	6.76	0.72
1.483	6.52	0.96	2.117	6.77	0.71
1.500	6.53	0.95	2.133	6.78	0.70
1.517	6.54	0.94	2.150	6.78	0.70
1.533	6.55	0.93	2.167	6.79	0.69
1.550	6.56	0.92	2.183	6.79	0.69
1.567	6.57	0.91	2.200	6.80	0.68
1.583	6.57	0.91	2.217	6.81	0.67
1.600	6.57	0.91	2.233	6.81	0.67
1.617	6.58	0.90	2.250	6.82	0.66
1.633	6.59	0.89	2.267	6.82	0.66
1.650	6.60	0.88	2.283	6.82	0.66
1.667	6.61	0.87	2.300	6.83	0.65
1.683	6.61	0.87	2.317	6.83	0.65
1.700	6.62	0.86	2.333	6.84	0.64
1.717	6.63	0.85	2.350	6.85	0.63
1.733	6.63	0.85	2.367	6.85	0.63
1.750	6.63	0.85	2.383	6.86	0.62
1.767	6.64	0.84	2.400	6.86	0.62
1.783	6.65	0.83	2.417	6.87	0.61
1.800	6.65	0.83	2.433	6.88	0.60
1.817	6.66	0.82	2.450	6.88	0.60
1.833	6.67	0.81	2.467	6.89	0.59
1.850	6.68	0.80	2.483	6.89	0.59
1.867	6.68	0.80	2.500	6.89	0.59
1.883	6.69	0.79	2.517	6.89	0.59

SLUG TEST DATA
MONITORING WELL 09-MW8D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	6.90	0.58	3.333	7.09	0.39
2.550	6.91	0.57	3.367	7.10	0.38
2.567	6.91	0.57	3.400	7.11	0.37
2.583	6.92	0.56	3.433	7.11	0.37
2.600	6.92	0.56	3.467	7.12	0.36
2.617	6.93	0.55	3.500	7.13	0.35
2.633	6.93	0.55	3.533	7.14	0.34
2.650	6.94	0.54	3.567	7.14	0.34
2.667	6.94	0.54	3.600	7.15	0.33
2.683	6.95	0.53	3.633	7.15	0.33
2.700	6.95	0.53	3.667	7.15	0.33
2.717	6.95	0.53	3.700	7.16	0.32
2.733	6.95	0.53	3.733	7.17	0.31
2.750	6.96	0.52	3.767	7.17	0.31
2.767	6.96	0.52	3.800	7.18	0.30
2.783	6.97	0.51	3.833	7.19	0.29
2.800	6.97	0.51	3.867	7.19	0.29
2.817	6.98	0.50	3.900	7.20	0.28
2.833	6.98	0.50	3.933	7.20	0.28
2.850	6.99	0.49	3.967	7.21	0.27
2.867	6.99	0.49	4.000	7.21	0.27
2.883	6.99	0.49	4.033	7.21	0.27
2.900	7.00	0.48	4.067	7.22	0.26
2.917	7.00	0.48	4.100	7.22	0.26
2.933	7.01	0.47	4.133	7.23	0.25
2.950	7.01	0.47	4.167	7.23	0.25
2.967	7.02	0.46	4.200	7.24	0.24
2.983	7.02	0.46	4.233	7.24	0.24
3.000	7.02	0.46	4.267	7.25	0.23
3.033	7.03	0.45	4.300	7.25	0.23
3.067	7.04	0.44	4.333	7.26	0.22
3.100	7.04	0.44	4.367	7.26	0.22
3.133	7.05	0.43	4.400	7.27	0.21
3.167	7.06	0.42	4.433	7.27	0.21
3.200	7.07	0.41	4.467	7.27	0.21
3.233	7.08	0.40	4.500	7.27	0.21
3.267	7.08	0.40	4.533	7.28	0.20
3.300	7.08	0.40	4.567	7.28	0.20

SLUG TEST DATA
MONITORING WELL 09–MW8D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 11, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
4.600	7.29	0.19	5.867	7.40	0.08
4.633	7.29	0.19	5.900	7.40	0.08
4.667	7.30	0.18	5.933	7.40	0.08
4.700	7.30	0.18	5.967	7.40	0.08
4.733	7.30	0.18	6.000	7.40	0.08
4.767	7.31	0.17	6.083	7.41	0.07
4.800	7.31	0.17	6.167	7.42	0.06
4.833	7.32	0.16	6.250	7.42	0.06
4.867	7.32	0.16	6.333	7.43	0.05
4.900	7.33	0.15	6.417	7.43	0.05
4.933	7.33	0.15	6.500	7.43	0.05
4.967	7.33	0.15	6.583	7.44	0.04
5.000	7.34	0.14	6.667	7.44	0.04
5.033	7.34	0.14	6.750	7.45	0.03
5.067	7.34	0.14	6.833	7.45	0.03
5.100	7.34	0.14	6.917	7.46	0.02
5.133	7.34	0.14	7.000	7.46	0.02
5.167	7.34	0.14	7.083	7.46	0.02
5.200	7.35	0.13	7.167	7.47	0.01
5.233	7.35	0.13	7.250	7.47	0.01
5.267	7.35	0.13	7.333	7.47	0.01
5.300	7.36	0.12	7.417	7.47	0.01
5.333	7.36	0.12	7.500	7.47	0.01
5.367	7.36	0.12	7.583	7.47	0.01
5.400	7.37	0.11	7.667	7.47	0.01
5.433	7.37	0.11	7.750	7.47	0.01
5.467	7.37	0.11	7.833	7.48	0.00
5.500	7.38	0.10			
5.533	7.38	0.10			
5.567	7.38	0.10			
5.600	7.38	0.10			
5.633	7.39	0.09			
5.667	7.39	0.09			
5.700	7.39	0.09			
5.733	7.40	0.08			
5.767	7.40	0.08			
5.800	7.40	0.08			
5.833	7.40	0.08			

* INITIAL (PRE–TEST) HYDRAULIC HEAD = 7.48 FEET

SLUG TEST DATA
MONITORING WELL 09–MW9S – TEST 1
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	7.14	1.04	0.633	8.16	0.02
0.017	7.86	0.32	0.650	8.16	0.02
0.033	7.98	0.20	0.667	8.16	0.02
0.050	8.04	0.14	0.683	8.16	0.02
0.067	8.10	0.08	0.700	8.16	0.02
0.083	8.10	0.08	0.717	8.16	0.02
0.100	8.13	0.05	0.733	8.16	0.02
0.117	8.16	0.02	0.750	8.16	0.02
0.133	8.16	0.02	0.767	8.16	0.02
0.150	8.16	0.02	0.783	8.16	0.02
0.167	8.16	0.02	0.800	8.16	0.02
0.183	8.16	0.02	0.817	8.16	0.02
0.200	8.16	0.02	0.833	8.16	0.02
0.217	8.16	0.02	0.850	8.16	0.02
0.233	8.16	0.02	0.867	8.16	0.02
0.250	8.16	0.02	0.883	8.16	0.02
0.267	8.16	0.02	0.900	8.16	0.02
0.283	8.16	0.02	0.917	8.16	0.02
0.300	8.16	0.02			
0.317	8.16	0.02			
0.333	8.16	0.02			
0.350	8.16	0.02			
0.367	8.16	0.02			
0.383	8.16	0.02			
0.400	8.16	0.02			
0.417	8.16	0.02			
0.433	8.16	0.02			
0.450	8.16	0.02			
0.467	8.16	0.02			
0.483	8.16	0.02			
0.500	8.16	0.02			
0.517	8.16	0.02			
0.533	8.16	0.02			
0.550	8.16	0.02			
0.567	8.16	0.02			
0.583	8.16	0.02			
0.600	8.16	0.02			
0.617	8.16	0.02			

* INITIAL (PRE–TEST) HYDRAULIC HEAD = 8.18 FEET

SLUG TEST DATA
MONITORING WELL 09-MW9S - TEST 2
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	5.41	0.71	0.633	6.11	0.01
0.017	5.99	0.13	0.650	6.11	0.01
0.033	5.98	0.14	0.667	6.11	0.01
0.050	6.05	0.07	0.683	6.11	0.01
0.067	6.07	0.05	0.700	6.11	0.01
0.083	6.08	0.04	0.717	6.11	0.01
0.100	6.09	0.03	0.733	6.11	0.01
0.117	6.09	0.03	0.750	6.11	0.01
0.133	6.10	0.02	0.767	6.11	0.01
0.150	6.10	0.02	0.783	6.11	0.01
0.167	6.10	0.02	0.800	6.11	0.01
0.183	6.10	0.02	0.817	6.11	0.01
0.200	6.10	0.02			
0.217	6.10	0.02			
0.233	6.10	0.02			
0.250	6.10	0.02			
0.267	6.11	0.01			
0.283	6.11	0.01			
0.300	6.11	0.01			
0.317	6.11	0.01			
0.333	6.11	0.01			
0.350	6.11	0.01			
0.367	6.11	0.01			
0.383	6.11	0.01			
0.400	6.11	0.01			
0.417	6.11	0.01			
0.433	6.11	0.01			
0.450	6.11	0.01			
0.467	6.11	0.01			
0.483	6.11	0.01			
0.500	6.11	0.01			
0.517	6.11	0.01			
0.533	6.11	0.01			
0.550	6.11	0.01			
0.567	6.11	0.01			
0.583	6.11	0.01			
0.600	6.11	0.01			
0.617	6.11	0.01			

* INITIAL (PRE-TEST) HYDRAULIC HEAD = 6.12 FEET

SLUG TEST DATA
MONITORING WELL 09-MW9D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	4.28	2.61	0.633	5.02	1.87
0.017	4.71	2.18	0.650	5.02	1.87
0.033	4.77	2.12	0.667	5.03	1.86
0.050	4.77	2.12	0.683	5.03	1.86
0.067	4.79	2.10	0.700	5.03	1.86
0.083	4.82	2.07	0.717	5.04	1.85
0.100	4.83	2.06	0.733	5.04	1.85
0.117	4.84	2.05	0.750	5.05	1.84
0.133	4.86	2.03	0.767	5.05	1.84
0.150	4.86	2.03	0.783	5.05	1.84
0.167	4.87	2.02	0.800	5.06	1.83
0.183	4.88	2.01	0.817	5.06	1.83
0.200	4.89	2.00	0.833	5.07	1.82
0.217	4.89	2.00	0.850	5.07	1.82
0.233	4.90	1.99	0.867	5.07	1.82
0.250	4.90	1.99	0.883	5.08	1.81
0.267	4.91	1.98	0.900	5.08	1.81
0.283	4.92	1.97	0.917	5.09	1.80
0.300	4.92	1.97	0.933	5.09	1.80
0.317	4.93	1.96	0.950	5.09	1.80
0.333	4.93	1.96	0.967	5.10	1.79
0.350	4.94	1.95	0.983	5.10	1.79
0.367	4.94	1.95	1.000	5.10	1.79
0.383	4.95	1.94	1.017	5.11	1.78
0.400	4.95	1.94	1.033	5.11	1.78
0.417	4.96	1.93	1.050	5.12	1.77
0.433	4.96	1.93	1.067	5.12	1.77
0.450	4.97	1.92	1.083	5.12	1.77
0.467	4.97	1.92	1.100	5.13	1.76
0.483	4.98	1.91	1.117	5.13	1.76
0.500	4.98	1.91	1.133	5.13	1.76
0.517	4.99	1.90	1.150	5.14	1.75
0.533	4.99	1.90	1.167	5.14	1.75
0.550	5.00	1.89	1.183	5.14	1.75
0.567	5.00	1.89	1.200	5.15	1.74
0.583	5.01	1.88	1.217	5.15	1.74
0.600	5.01	1.88	1.233	5.15	1.74
0.617	5.01	1.88	1.250	5.16	1.73

SLUG TEST DATA
MONITORING WELL 09–MW9D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	5.16	1.73	1.900	5.28	1.61
1.283	5.16	1.73	1.917	5.28	1.61
1.300	5.17	1.72	1.933	5.28	1.61
1.317	5.17	1.72	1.950	5.29	1.60
1.333	5.17	1.72	1.967	5.29	1.60
1.350	5.18	1.71	1.983	5.29	1.60
1.367	5.18	1.71	2.000	5.29	1.60
1.383	5.18	1.71	2.017	5.30	1.59
1.400	5.18	1.71	2.033	5.30	1.59
1.417	5.19	1.70	2.050	5.30	1.59
1.433	5.19	1.70	2.067	5.31	1.58
1.450	5.20	1.69	2.083	5.31	1.58
1.467	5.20	1.69	2.100	5.31	1.58
1.483	5.20	1.69	2.117	5.31	1.58
1.500	5.20	1.69	2.133	5.32	1.57
1.517	5.21	1.68	2.150	5.32	1.57
1.533	5.21	1.68	2.167	5.32	1.57
1.550	5.21	1.68	2.183	5.33	1.56
1.567	5.22	1.67	2.200	5.33	1.56
1.583	5.22	1.67	2.217	5.33	1.56
1.600	5.22	1.67	2.233	5.33	1.56
1.617	5.23	1.66	2.250	5.34	1.55
1.633	5.23	1.66	2.267	5.34	1.55
1.650	5.23	1.66	2.283	5.34	1.55
1.667	5.24	1.65	2.300	5.35	1.54
1.683	5.24	1.65	2.317	5.35	1.54
1.700	5.24	1.65	2.333	5.35	1.54
1.717	5.24	1.65	2.350	5.35	1.54
1.733	5.25	1.64	2.367	5.35	1.54
1.750	5.25	1.64	2.383	5.36	1.53
1.767	5.25	1.64	2.400	5.36	1.53
1.783	5.26	1.63	2.417	5.36	1.53
1.800	5.26	1.63	2.433	5.37	1.52
1.817	5.26	1.63	2.450	5.37	1.52
1.833	5.27	1.62	2.467	5.37	1.52
1.850	5.27	1.62	2.483	5.37	1.52
1.867	5.27	1.62	2.500	5.38	1.51
1.883	5.27	1.62	2.517	5.38	1.51

SLUG TEST DATA
MONITORING WELL 09-MW9D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	5.38	1.51	3.333	5.50	1.39
2.550	5.38	1.51	3.367	5.50	1.39
2.567	5.39	1.50	3.400	5.50	1.39
2.583	5.39	1.50	3.433	5.51	1.38
2.600	5.39	1.50	3.467	5.52	1.37
2.617	5.39	1.50	3.500	5.52	1.37
2.633	5.40	1.49	3.533	5.52	1.37
2.650	5.40	1.49	3.567	5.53	1.36
2.667	5.40	1.49	3.600	5.53	1.36
2.683	5.40	1.49	3.633	5.54	1.35
2.700	5.41	1.48	3.667	5.54	1.35
2.717	5.41	1.48	3.700	5.54	1.35
2.733	5.41	1.48	3.733	5.55	1.34
2.750	5.41	1.48	3.767	5.55	1.34
2.767	5.42	1.47	3.800	5.56	1.33
2.783	5.42	1.47	3.833	5.56	1.33
2.800	5.42	1.47	3.867	5.56	1.33
2.817	5.42	1.47	3.900	5.57	1.32
2.833	5.43	1.46	3.933	5.57	1.32
2.850	5.43	1.46	3.967	5.58	1.31
2.867	5.43	1.46	4.000	5.58	1.31
2.883	5.43	1.46	4.033	5.59	1.30
2.900	5.44	1.45	4.067	5.59	1.30
2.917	5.44	1.45	4.100	5.59	1.30
2.933	5.44	1.45	4.133	5.60	1.29
2.950	5.44	1.45	4.167	5.60	1.29
2.967	5.44	1.45	4.200	5.61	1.28
2.983	5.45	1.44	4.233	5.61	1.28
3.000	5.45	1.44	4.267	5.61	1.28
3.033	5.46	1.43	4.300	5.62	1.27
3.067	5.46	1.43	4.333	5.62	1.27
3.100	5.46	1.43	4.367	5.63	1.26
3.133	5.47	1.42	4.400	5.63	1.26
3.167	5.47	1.42	4.433	5.63	1.26
3.200	5.48	1.41	4.467	5.64	1.25
3.233	5.48	1.41	4.500	5.64	1.25
3.267	5.49	1.40	4.533	5.64	1.25
3.300	5.49	1.40	4.567	5.65	1.24

SLUG TEST DATA
MONITORING WELL 09–MW9D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
4.600	5.65	1.24	5.867	5.78	1.11
4.633	5.65	1.24	5.900	5.79	1.10
4.667	5.66	1.23	5.933	5.79	1.10
4.700	5.66	1.23	5.967	5.79	1.10
4.733	5.67	1.22	6.000	5.80	1.09
4.767	5.67	1.22	6.083	5.80	1.09
4.800	5.67	1.22	6.167	5.81	1.08
4.833	5.68	1.21	6.250	5.82	1.07
4.867	5.68	1.21	6.333	5.83	1.06
4.900	5.69	1.20	6.417	5.83	1.06
4.933	5.69	1.20	6.500	5.84	1.05
4.967	5.69	1.20	6.583	5.85	1.04
5.000	5.69	1.20	6.667	5.85	1.04
5.033	5.70	1.19	6.750	5.86	1.03
5.067	5.70	1.19	6.833	5.87	1.02
5.100	5.71	1.18	6.917	5.88	1.01
5.133	5.71	1.18			
5.167	5.71	1.18			
5.200	5.72	1.17			
5.233	5.72	1.17			
5.267	5.72	1.17			
5.300	5.73	1.16			
5.333	5.73	1.16			
5.367	5.74	1.15			
5.400	5.74	1.15			
5.433	5.74	1.15			
5.467	5.75	1.14			
5.500	5.75	1.14			
5.533	5.75	1.14			
5.567	5.76	1.13			
5.600	5.76	1.13			
5.633	5.76	1.13			
5.667	5.77	1.12			
5.700	5.77	1.12			
5.733	5.77	1.12			
5.767	5.78	1.11			
5.800	5.78	1.11			
5.833	5.78	1.11			

END OF USABLE DATA – HEAD READINGS OSCILLATE SUBSTANTIALLY AFTER 7 MINUTES – PROBLEM WITH TRANSDUCER

* INITIAL (PRE–TEST) HYDRAULIC HEAD = 6.89 FEET

SLUG TEST DATA
MONITORING WELL 09-MW10S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	5.04	1.44	0.633	6.12	0.36
0.017	5.13	1.35	0.650	6.12	0.36
0.033	5.20	1.28	0.667	6.12	0.36
0.050	5.22	1.26	0.683	6.13	0.35
0.067	5.27	1.21	0.700	6.13	0.35
0.083	5.34	1.14	0.717	6.13	0.35
0.100	5.42	1.06	0.733	6.14	0.34
0.117	5.48	1.00	0.750	6.14	0.34
0.133	5.54	0.94	0.767	6.14	0.34
0.150	5.61	0.87	0.783	6.14	0.34
0.167	5.66	0.82	0.800	6.15	0.33
0.183	5.71	0.77	0.817	6.15	0.33
0.200	5.75	0.73	0.833	6.15	0.33
0.217	5.79	0.69	0.850	6.16	0.32
0.233	5.82	0.66	0.867	6.16	0.32
0.250	5.86	0.62	0.883	6.16	0.32
0.267	5.88	0.60	0.900	6.16	0.32
0.283	5.91	0.57	0.917	6.16	0.32
0.300	5.93	0.55	0.933	6.17	0.31
0.317	5.96	0.52	0.950	6.17	0.31
0.333	5.97	0.51	0.967	6.17	0.31
0.350	5.99	0.49	0.983	6.17	0.31
0.367	6.00	0.48	1.000	6.18	0.30
0.383	6.01	0.47	1.017	6.18	0.30
0.400	6.03	0.45	1.033	6.18	0.30
0.417	6.04	0.44	1.050	6.18	0.30
0.433	6.05	0.43	1.067	6.18	0.30
0.450	6.06	0.42	1.083	6.18	0.30
0.467	6.06	0.42	1.100	6.18	0.30
0.483	6.07	0.41	1.117	6.19	0.29
0.500	6.08	0.40	1.133	6.19	0.29
0.517	6.08	0.40	1.150	6.19	0.29
0.533	6.09	0.39	1.167	6.19	0.29
0.550	6.10	0.38	1.183	6.19	0.29
0.567	6.10	0.38	1.200	6.20	0.28
0.583	6.10	0.38	1.217	6.20	0.28
0.600	6.11	0.37	1.233	6.20	0.28
0.617	6.11	0.37	1.250	6.20	0.28

SLUG TEST DATA
MONITORING WELL 09-MW10S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	6.20	0.28	1.900	6.24	0.24
1.283	6.20	0.28	1.917	6.24	0.24
1.300	6.20	0.28	1.933	6.24	0.24
1.317	6.21	0.27	1.950	6.24	0.24
1.333	6.21	0.27	1.967	6.24	0.24
1.350	6.21	0.27	1.983	6.25	0.23
1.367	6.21	0.27	2.000	6.25	0.23
1.383	6.21	0.27	2.017	6.25	0.23
1.400	6.21	0.27	2.033	6.25	0.23
1.417	6.21	0.27	2.050	6.25	0.23
1.433	6.21	0.27	2.067	6.25	0.23
1.450	6.21	0.27	2.083	6.25	0.23
1.467	6.22	0.26	2.100	6.25	0.23
1.483	6.22	0.26	2.117	6.25	0.23
1.500	6.22	0.26	2.133	6.25	0.23
1.517	6.22	0.26	2.150	6.25	0.23
1.533	6.22	0.26	2.167	6.25	0.23
1.550	6.22	0.26	2.183	6.25	0.23
1.567	6.22	0.26	2.200	6.25	0.23
1.583	6.22	0.26	2.217	6.25	0.23
1.600	6.23	0.25	2.233	6.25	0.23
1.617	6.23	0.25	2.250	6.26	0.22
1.633	6.23	0.25	2.267	6.26	0.22
1.650	6.23	0.25	2.283	6.26	0.22
1.667	6.23	0.25	2.300	6.26	0.22
1.683	6.23	0.25	2.317	6.26	0.22
1.700	6.23	0.25	2.333	6.26	0.22
1.717	6.23	0.25	2.350	6.26	0.22
1.733	6.23	0.25	2.367	6.26	0.22
1.750	6.23	0.25	2.383	6.26	0.22
1.767	6.23	0.25	2.400	6.26	0.22
1.783	6.23	0.25	2.417	6.26	0.22
1.800	6.24	0.24	2.433	6.26	0.22
1.817	6.24	0.24	2.450	6.27	0.21
1.833	6.24	0.24	2.467	6.27	0.21
1.850	6.24	0.24	2.483	6.27	0.21
1.867	6.24	0.24	2.500	6.27	0.21
1.883	6.24	0.24	2.517	6.27	0.21

SLUG TEST DATA
MONITORING WELL 09–MW10S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	6.27	0.21	3.333	6.29	0.19
2.550	6.27	0.21	3.367	6.29	0.19
2.567	6.27	0.21	3.400	6.29	0.19
2.583	6.27	0.21	3.433	6.29	0.19
2.600	6.27	0.21	3.467	6.29	0.19
2.617	6.27	0.21	3.500	6.29	0.19
2.633	6.27	0.21	3.533	6.29	0.19
2.650	6.27	0.21	3.567	6.30	0.18
2.667	6.27	0.21	3.600	6.30	0.18
2.683	6.27	0.21	3.633	6.30	0.18
2.700	6.27	0.21	3.667	6.30	0.18
2.717	6.27	0.21	3.700	6.30	0.18
2.733	6.27	0.21	3.733	6.30	0.18
2.750	6.27	0.21	3.767	6.30	0.18
2.767	6.27	0.21	3.800	6.30	0.18
2.783	6.28	0.20	3.833	6.30	0.18
2.800	6.28	0.20	3.867	6.30	0.18
2.817	6.28	0.20	3.900	6.30	0.18
2.833	6.28	0.20	3.933	6.31	0.17
2.850	6.28	0.20	3.967	6.31	0.17
2.867	6.28	0.20	4.000	6.31	0.17
2.883	6.28	0.20	4.033	6.31	0.17
2.900	6.28	0.20	4.067	6.31	0.17
2.917	6.28	0.20	4.100	6.31	0.17
2.933	6.28	0.20	4.133	6.31	0.17
2.950	6.28	0.20	4.167	6.31	0.17
2.967	6.28	0.20	4.200	6.31	0.17
2.983	6.28	0.20	4.233	6.31	0.17
3.000	6.28	0.20	4.267	6.31	0.17
3.033	6.28	0.20	4.300	6.31	0.17
3.067	6.28	0.20	4.333	6.31	0.17
3.100	6.28	0.20	4.367	6.31	0.17
3.133	6.28	0.20	4.400	6.31	0.17
3.167	6.29	0.19	4.433	6.32	0.16
3.200	6.29	0.19	4.467	6.32	0.16
3.233	6.29	0.19	4.500	6.32	0.16
3.267	6.29	0.19	4.533	6.32	0.16
3.300	6.29	0.19	4.567	6.32	0.16

SLUG TEST DATA
MONITORING WELL 09–MW10S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
4.600	6.32	0.16	5.867	6.34	0.14
4.633	6.32	0.16	5.900	6.34	0.14
4.667	6.32	0.16	5.933	6.34	0.14
4.700	6.32	0.16	5.967	6.34	0.14
4.733	6.32	0.16	6.000	6.34	0.14
4.767	6.32	0.16	6.083	6.34	0.14
4.800	6.32	0.16	6.167	6.35	0.13
4.833	6.32	0.16	6.250	6.35	0.13
4.867	6.32	0.16	6.333	6.35	0.13
4.900	6.32	0.16	6.417	6.35	0.13
4.933	6.33	0.15	6.500	6.35	0.13
4.967	6.33	0.15	6.583	6.35	0.13
5.000	6.33	0.15	6.667	6.35	0.13
5.033	6.33	0.15	6.750	6.35	0.13
5.067	6.33	0.15	6.833	6.35	0.13
5.100	6.33	0.15	6.917	6.35	0.13
5.133	6.33	0.15	7.000	6.35	0.13
5.167	6.33	0.15	7.083	6.36	0.12
5.200	6.33	0.15	7.167	6.36	0.12
5.233	6.33	0.15	7.250	6.36	0.12
5.267	6.33	0.15	7.333	6.36	0.12
5.300	6.33	0.15	7.417	6.36	0.12
5.333	6.33	0.15	7.500	6.36	0.12
5.367	6.33	0.15	7.583	6.36	0.12
5.400	6.33	0.15	7.667	6.36	0.12
5.433	6.33	0.15	7.750	6.36	0.12
5.467	6.33	0.15	7.833	6.37	0.11
5.500	6.33	0.15	7.917	6.37	0.11
5.533	6.33	0.15	8.000	6.37	0.11
5.567	6.33	0.15	8.083	6.37	0.11
5.600	6.34	0.14	8.167	6.37	0.11
5.633	6.34	0.14	8.250	6.37	0.11
5.667	6.34	0.14	8.333	6.37	0.11
5.700	6.34	0.14	8.417	6.37	0.11
5.733	6.34	0.14	8.500	6.37	0.11
5.767	6.34	0.14	8.583	6.38	0.10
5.800	6.34	0.14	8.667	6.38	0.10
5.833	6.34	0.14	8.750	6.38	0.10

SLUG TEST DATA
MONITORING WELL 09–MW10S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN (ft)
8.833	6.38	0.10	13.000	6.41	[illegible]
8.917	6.38	0.10	13.167	6.41	[illegible]
9.000	6.38	0.10	13.333	6.41	[illegible]
9.083	6.38	0.10	13.500	6.41	[illegible]
9.167	6.38	0.10	13.667	6.41	[illegible]
9.250	6.38	0.10	13.833	6.41	[illegible]
9.333	6.38	0.10	14.000	6.41	[illegible]
9.417	6.38	0.10	14.167	6.41	[illegible]
9.500	6.38	0.10	14.333	6.41	[illegible]
9.583	6.38	0.10	14.500	6.41	[illegible]
9.667	6.38	0.10	14.667	6.41	[illegible]
9.750	6.38	0.10	14.833	6.42	[illegible]
9.833	6.38	0.10	15.000	6.42	[illegible]
9.917	6.39	0.09	15.167	6.42	[illegible]
10.000	6.39	0.09	15.333	6.42	[illegible]
10.083	6.39	0.09	15.500	6.42	[illegible]
10.167	6.39	0.09	15.667	6.42	[illegible]
10.250	6.39	0.09	15.833	6.42	[illegible]
10.333	6.39	0.09	16.000	6.42	[illegible]
10.417	6.39	0.09	16.333	6.42	[illegible]
10.500	6.39	0.09	16.667	6.42	[illegible]
10.583	6.39	0.09	17.000	6.42	[illegible]
10.667	6.39	0.09	17.333	6.42	[illegible]
10.750	6.39	0.09	17.667	6.42	[illegible]
10.833	6.39	0.09	18.000	6.42	[illegible]
10.917	6.39	0.09	18.333	6.42	[illegible]
11.000	6.40	0.08	18.667	6.42	[illegible]
11.167	6.40	0.08	19.000	6.43	[illegible]
11.333	6.40	0.08	19.333	6.43	[illegible]
11.500	6.40	0.08	19.667	6.43	[illegible]
11.667	6.40	0.08	20.000	6.43	[illegible]
11.833	6.40	0.08	20.333	6.43	[illegible]
12.000	6.40	0.08	20.667	6.43	[illegible]
12.167	6.40	0.08	21.000	6.43	[illegible]
12.333	6.40	0.08	21.333	6.43	[illegible]
12.500	6.40	0.08	21.667	6.43	[illegible]
12.667	6.40	0.08	22.000	6.43	[illegible]
12.833	6.40	0.08	22.333	6.43	[illegible]

SLUG TEST DATA
MONITORING WELL 09-MW10S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
22.667	6.43	0.05			
23.000	6.43	0.05			
23.333	6.43	0.05			
23.667	6.43	0.05			
24.000	6.44	0.04			
24.333	6.44	0.04			
24.667	6.44	0.04			
25.000	6.44	0.04			
25.333	6.44	0.04			
25.667	6.44	0.04			
26.000	6.44	0.04			
26.500	6.44	0.04			
27.000	6.44	0.04			
27.500	6.44	0.04			
28.000	6.44	0.04			
28.500	6.44	0.04			
29.000	6.44	0.04			
29.500	6.44	0.04			
30.000	6.44	0.04			
30.500	6.44	0.04			
31.000	6.44	0.04			
31.500	6.44	0.04			
32.000	6.44	0.04			
32.500	6.44	0.04			

* INITIAL (PRE-TEST) HYDRAULIC HEAD = 6.48 FEET

SLUG TEST DATA
MONITORING WELL 09–MW10D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	3.59	2.92	0.633	4.75	1.76
0.017	4.46	2.05	0.650	4.75	1.76
0.033	4.46	2.05	0.667	4.76	1.75
0.050	4.43	2.08	0.683	4.76	1.75
0.067	4.50	2.01	0.700	4.77	1.74
0.083	4.54	1.97	0.717	4.77	1.74
0.100	4.55	1.96	0.733	4.77	1.74
0.117	4.56	1.95	0.750	4.78	1.73
0.133	4.57	1.94	0.767	4.78	1.73
0.150	4.58	1.93	0.783	4.79	1.72
0.167	4.59	1.92	0.800	4.79	1.72
0.183	4.60	1.91	0.817	4.80	1.71
0.200	4.61	1.90	0.833	4.80	1.71
0.217	4.62	1.89	0.850	4.80	1.71
0.233	4.62	1.89	0.867	4.81	1.70
0.250	4.63	1.88	0.883	4.81	1.70
0.267	4.64	1.87	0.900	4.81	1.70
0.283	4.65	1.86	0.917	4.82	1.69
0.300	4.65	1.86	0.933	4.82	1.69
0.317	4.66	1.85	0.950	4.82	1.69
0.333	4.66	1.85	0.967	4.83	1.68
0.350	4.67	1.84	0.983	4.83	1.68
0.367	4.67	1.84	1.000	4.84	1.67
0.383	4.68	1.83	1.017	4.84	1.67
0.400	4.69	1.82	1.033	4.84	1.67
0.417	4.69	1.82	1.050	4.85	1.66
0.433	4.69	1.82	1.067	4.85	1.66
0.450	4.70	1.81	1.083	4.85	1.66
0.467	4.71	1.80	1.100	4.86	1.65
0.483	4.71	1.80	1.117	4.86	1.65
0.500	4.71	1.80	1.133	4.86	1.65
0.517	4.72	1.79	1.150	4.87	1.64
0.533	4.72	1.79	1.167	4.87	1.64
0.550	4.73	1.78	1.183	4.88	1.63
0.567	4.73	1.78	1.200	4.88	1.63
0.583	4.74	1.77	1.217	4.88	1.63
0.600	4.74	1.77	1.233	4.88	1.63
0.617	4.75	1.76	1.250	4.89	1.62

SLUG TEST DATA
MONITORING WELL 09-MW10D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	4.89	1.62	1.900	5.01	1.50
1.283	4.90	1.61	1.917	5.02	1.49
1.300	4.90	1.61	1.933	5.02	1.49
1.317	4.90	1.61	1.950	5.02	1.49
1.333	4.90	1.61	1.967	5.03	1.48
1.350	4.91	1.60	1.983	5.03	1.48
1.367	4.91	1.60	2.000	5.03	1.48
1.383	4.92	1.59	2.017	5.04	1.47
1.400	4.92	1.59	2.033	5.04	1.47
1.417	4.92	1.59	2.050	5.04	1.47
1.433	4.92	1.59	2.067	5.05	1.46
1.450	4.93	1.58	2.083	5.05	1.46
1.467	4.93	1.58	2.100	5.05	1.46
1.483	4.94	1.57	2.117	5.05	1.46
1.500	4.94	1.57	2.133	5.06	1.45
1.517	4.94	1.57	2.150	5.06	1.45
1.533	4.94	1.57	2.167	5.06	1.45
1.550	4.95	1.56	2.183	5.07	1.44
1.567	4.95	1.56	2.200	5.07	1.44
1.583	4.95	1.56	2.217	5.07	1.44
1.600	4.96	1.55	2.233	5.07	1.44
1.617	4.96	1.55	2.250	5.08	1.43
1.633	4.97	1.54	2.267	5.08	1.43
1.650	4.97	1.54	2.283	5.08	1.43
1.667	4.97	1.54	2.300	5.09	1.42
1.683	4.97	1.54	2.317	5.09	1.42
1.700	4.98	1.53	2.333	5.09	1.42
1.717	4.98	1.53	2.350	5.09	1.42
1.733	4.98	1.53	2.367	5.10	1.41
1.750	4.99	1.52	2.383	5.10	1.41
1.767	4.99	1.52	2.400	5.10	1.41
1.783	4.99	1.52	2.417	5.11	1.40
1.800	5.00	1.51	2.433	5.11	1.40
1.817	5.00	1.51	2.450	5.11	1.40
1.833	5.00	1.51	2.467	5.12	1.39
1.850	5.01	1.50	2.483	5.12	1.39
1.867	5.01	1.50	2.500	5.12	1.39
1.883	5.01	1.50	2.517	5.12	1.39

SLUG TEST DATA
MONITORING WELL 09-MW10D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	5.13	1.38	3.333	5.26	1.25
2.550	5.13	1.38	3.367	5.26	1.25
2.567	5.13	1.38	3.400	5.27	1.24
2.583	5.14	1.37	3.433	5.27	1.24
2.600	5.14	1.37	3.467	5.28	1.23
2.617	5.14	1.37	3.500	5.28	1.23
2.633	5.14	1.37	3.533	5.29	1.22
2.650	5.15	1.36	3.567	5.29	1.22
2.667	5.15	1.36	3.600	5.30	1.21
2.683	5.15	1.36	3.633	5.30	1.21
2.700	5.16	1.35	3.667	5.31	1.20
2.717	5.16	1.35	3.700	5.31	1.20
2.733	5.16	1.35	3.733	5.31	1.20
2.750	5.16	1.35	3.767	5.32	1.19
2.767	5.17	1.34	3.800	5.33	1.18
2.783	5.17	1.34	3.833	5.33	1.18
2.800	5.17	1.34	3.867	5.34	1.17
2.817	5.18	1.33	3.900	5.34	1.17
2.833	5.18	1.33	3.933	5.35	1.16
2.850	5.18	1.33	3.967	5.35	1.16
2.867	5.18	1.33	4.000	5.35	1.16
2.883	5.18	1.33	4.033	5.36	1.15
2.900	5.19	1.32	4.067	5.37	1.14
2.917	5.19	1.32	4.100	5.37	1.14
2.933	5.19	1.32	4.133	5.37	1.14
2.950	5.20	1.31	4.167	5.38	1.13
2.967	5.20	1.31	4.200	5.38	1.13
2.983	5.20	1.31	4.233	5.39	1.12
3.000	5.20	1.31	4.267	5.39	1.12
3.033	5.21	1.30	4.300	5.40	1.11
3.067	5.22	1.29	4.333	5.40	1.11
3.100	5.22	1.29	4.367	5.41	1.10
3.133	5.22	1.29	4.400	5.41	1.10
3.167	5.23	1.28	4.433	5.41	1.10
3.200	5.23	1.28	4.467	5.42	1.09
3.233	5.24	1.27	4.500	5.42	1.09
3.267	5.24	1.27	4.533	5.43	1.08
3.300	5.25	1.26	4.567	5.44	1.07

SLUG TEST DATA
MONITORING WELL 09–MW10D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
4.600	5.44	1.07	5.867	5.60	0.91
4.633	5.44	1.07	5.900	5.60	0.91
4.667	5.45	1.06	5.933	5.60	0.91
4.700	5.45	1.06	5.967	5.61	0.90
4.733	5.46	1.05	6.000	5.61	0.90
4.767	5.46	1.05	6.083	5.62	0.89
4.800	5.46	1.05	6.167	5.63	0.88
4.833	5.47	1.04	6.250	5.64	0.87
4.867	5.47	1.04	6.333	5.65	0.86
4.900	5.48	1.03	6.417	5.66	0.85
4.933	5.48	1.03	6.500	5.67	0.84
4.967	5.48	1.03	6.583	5.67	0.84
5.000	5.49	1.02	6.667	5.68	0.83
5.033	5.50	1.01	6.750	5.69	0.82
5.067	5.50	1.01	6.833	5.70	0.81
5.100	5.50	1.01	6.917	5.71	0.80
5.133	5.51	1.00	7.000	5.72	0.79
5.167	5.51	1.00	7.083	5.73	0.78
5.200	5.52	0.99	7.167	5.74	0.77
5.233	5.52	0.99	7.250	5.74	0.77
5.267	5.52	0.99	7.333	5.75	0.76
5.300	5.53	0.98	7.417	5.76	0.75
5.333	5.53	0.98	7.500	5.77	0.74
5.367	5.54	0.97	7.583	5.78	0.73
5.400	5.54	0.97	7.667	5.78	0.73
5.433	5.54	0.97	7.750	5.79	0.72
5.467	5.55	0.96	7.833	5.80	0.71
5.500	5.55	0.96	7.917	5.81	0.70
5.533	5.56	0.95	8.000	5.82	0.69
5.567	5.56	0.95	8.083	5.82	0.69
5.600	5.56	0.95	8.167	5.83	0.68
5.633	5.57	0.94	8.250	5.84	0.67
5.667	5.57	0.94	8.333	5.84	0.67
5.700	5.58	0.93	8.417	5.85	0.66
5.733	5.58	0.93	8.500	5.86	0.65
5.767	5.59	0.92	8.583	5.87	0.64
5.800	5.59	0.92	8.667	5.87	0.64
5.833	5.59	0.92	8.750	5.88	0.63

SLUG TEST DATA
MONITORING WELL 09-MW10D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
8.833	5.89	0.62	13.000	6.16	0.35
8.917	5.90	0.61	13.167	6.17	0.34
9.000	5.90	0.61	13.333	6.18	0.33
9.083	5.91	0.60	13.500	6.18	0.33
9.167	5.92	0.59	13.667	6.19	0.32
9.250	5.92	0.59	13.833	6.20	0.31
9.333	5.93	0.58	14.000	6.21	0.30
9.417	5.94	0.57	14.167	6.22	0.29
9.500	5.94	0.57	14.333	6.22	0.29
9.583	5.95	0.56	14.500	6.23	0.28
9.667	5.95	0.56	14.667	6.24	0.27
9.750	5.96	0.55	14.833	6.24	0.27
9.833	5.97	0.54	15.000	6.25	0.26
9.917	5.97	0.54	15.167	6.26	0.25
10.000	5.98	0.53	15.333	6.26	0.25
10.083	5.99	0.52	15.500	6.27	0.24
10.167	5.99	0.52	15.667	6.27	0.24
10.250	6.00	0.51	15.833	6.28	0.23
10.333	6.00	0.51	16.000	6.29	0.22
10.417	6.01	0.50	16.333	6.30	0.21
10.500	6.01	0.50	16.667	6.31	0.20
10.583	6.02	0.49	17.000	6.32	0.19
10.667	6.03	0.48	17.333	6.33	0.18
10.750	6.03	0.48	17.667	6.33	0.18
10.833	6.04	0.47	18.000	6.34	0.17
10.917	6.04	0.47	18.333	6.35	0.16
11.000	6.05	0.46	18.667	6.36	0.15
11.167	6.06	0.45	19.000	6.37	0.14
11.333	6.07	0.44	19.333	6.38	0.13
11.500	6.08	0.43	19.667	6.38	0.13
11.667	6.09	0.42	20.000	6.39	0.12
11.833	6.10	0.41	20.333	6.40	0.11
12.000	6.11	0.40	20.667	6.40	0.11
12.167	6.12	0.39	21.000	6.41	0.10
12.333	6.13	0.38	21.333	6.42	0.09
12.500	6.14	0.37	21.667	6.42	0.09
12.667	6.14	0.37	22.000	6.43	0.08
12.833	6.15	0.36	22.333	6.43	0.08

SLUG TEST DATA
MONITORING WELL 09–MW10D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 12, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
22.667	6.44	0.07			
23.000	6.44	0.07			
23.333	6.44	0.07			
23.667	6.45	0.06			

END OF USABLE DATA – HEAD READINGS OSCILLATE SUBSTANTIALLY AFTER 24 MINUTES – PROBLEM WITH TRANSDUCER

* INITIAL (PRE–TEST) HYDRAULIC HEAD = 6.51 FEET

SLUG TEST DATA
MONITORING WELL 09-MW11S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	5.39	2.33	0.633	7.47	0.25
0.017	5.92	1.80	0.650	7.47	0.25
0.033	6.26	1.46	0.667	7.48	0.24
0.050	6.24	1.48	0.683	7.48	0.24
0.067	6.35	1.37	0.700	7.48	0.24
0.083	6.48	1.24	0.717	7.48	0.24
0.100	6.57	1.15	0.733	7.49	0.23
0.117	6.65	1.07	0.750	7.49	0.23
0.133	6.74	0.98	0.767	7.49	0.23
0.150	6.82	0.90	0.783	7.49	0.23
0.167	6.90	0.82	0.800	7.49	0.23
0.183	6.97	0.75	0.817	7.50	0.22
0.200	7.04	0.68	0.833	7.50	0.22
0.217	7.10	0.62	0.850	7.50	0.22
0.233	7.16	0.56	0.867	7.50	0.22
0.250	7.21	0.51	0.883	7.50	0.22
0.267	7.25	0.47	0.900	7.51	0.21
0.283	7.28	0.44	0.917	7.51	0.21
0.300	7.31	0.41	0.933	7.51	0.21
0.317	7.33	0.39	0.950	7.51	0.21
0.333	7.35	0.37	0.967	7.51	0.21
0.350	7.37	0.35	0.983	7.51	0.21
0.367	7.38	0.34	1.000	7.51	0.21
0.383	7.39	0.33	1.017	7.51	0.21
0.400	7.40	0.32	1.033	7.51	0.21
0.417	7.41	0.31	1.050	7.52	0.20
0.433	7.42	0.30	1.067	7.52	0.20
0.450	7.42	0.30	1.083	7.52	0.20
0.467	7.43	0.29	1.100	7.52	0.20
0.483	7.44	0.28	1.117	7.52	0.20
0.500	7.44	0.28	1.133	7.52	0.20
0.517	7.44	0.28	1.150	7.52	0.20
0.533	7.45	0.27	1.167	7.52	0.20
0.550	7.45	0.27	1.183	7.53	0.19
0.567	7.46	0.26	1.200	7.53	0.19
0.583	7.46	0.26	1.217	7.53	0.19
0.600	7.47	0.25	1.233	7.53	0.19
0.617	7.47	0.25	1.250	7.53	0.19

SLUG TEST DATA
MONITORING WELL 09–MW11S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
1.267	7.53	0.19	1.900	7.55	0.17
1.283	7.53	0.19	1.917	7.55	0.17
1.300	7.53	0.19	1.933	7.55	0.17
1.317	7.53	0.19	1.950	7.56	0.16
1.333	7.53	0.19	1.967	7.56	0.16
1.350	7.53	0.19	1.983	7.56	0.16
1.367	7.53	0.19	2.000	7.55	0.17
1.383	7.53	0.19	2.017	7.56	0.16
1.400	7.53	0.19	2.033	7.56	0.16
1.417	7.54	0.18	2.050	7.56	0.16
1.433	7.54	0.18	2.067	7.56	0.16
1.450	7.54	0.18	2.083	7.56	0.16
1.467	7.54	0.18	2.100	7.56	0.16
1.483	7.54	0.18	2.117	7.56	0.16
1.500	7.54	0.18	2.133	7.56	0.16
1.517	7.54	0.18	2.150	7.56	0.16
1.533	7.54	0.18	2.167	7.56	0.16
1.550	7.54	0.18	2.183	7.56	0.16
1.567	7.54	0.18	2.200	7.56	0.16
1.583	7.54	0.18	2.217	7.56	0.16
1.600	7.54	0.18	2.233	7.56	0.16
1.617	7.55	0.17	2.250	7.56	0.16
1.633	7.55	0.17	2.267	7.57	0.15
1.650	7.55	0.17	2.283	7.56	0.16
1.667	7.55	0.17	2.300	7.57	0.15
1.683	7.55	0.17	2.317	7.57	0.15
1.700	7.55	0.17	2.333	7.57	0.15
1.717	7.55	0.17	2.350	7.57	0.15
1.733	7.55	0.17	2.367	7.57	0.15
1.750	7.55	0.17	2.383	7.57	0.15
1.767	7.55	0.17	2.400	7.57	0.15
1.783	7.55	0.17	2.417	7.57	0.15
1.800	7.55	0.17	2.433	7.57	0.15
1.817	7.55	0.17	2.450	7.57	0.15
1.833	7.55	0.17	2.467	7.57	0.15
1.850	7.55	0.17	2.483	7.57	0.15
1.867	7.55	0.17	2.500	7.57	0.15
1.883	7.55	0.17	2.517	7.57	0.15

SLUG TEST DATA
MONITORING WELL 09–MW11S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
2.533	7.57	0.15	3.333	7.59	0.13
2.550	7.57	0.15	3.367	7.59	0.13
2.567	7.57	0.15	3.400	7.59	0.13
2.583	7.57	0.15	3.433	7.59	0.13
2.600	7.57	0.15	3.467	7.59	0.13
2.617	7.57	0.15	3.500	7.59	0.13
2.633	7.57	0.15	3.533	7.59	0.13
2.650	7.57	0.15	3.567	7.59	0.13
2.667	7.57	0.15	3.600	7.59	0.13
2.683	7.57	0.15	3.633	7.59	0.13
2.700	7.57	0.15	3.667	7.59	0.13
2.717	7.57	0.15	3.700	7.59	0.13
2.733	7.57	0.15	3.733	7.59	0.13
2.750	7.57	0.15	3.767	7.60	0.12
2.767	7.58	0.14	3.800	7.60	0.12
2.783	7.58	0.14	3.833	7.60	0.12
2.800	7.58	0.14	3.867	7.60	0.12
2.817	7.58	0.14	3.900	7.60	0.12
2.833	7.58	0.14	3.933	7.60	0.12
2.850	7.58	0.14	3.967	7.60	0.12
2.867	7.58	0.14	4.000	7.60	0.12
2.883	7.58	0.14	4.033	7.60	0.12
2.900	7.58	0.14	4.067	7.60	0.12
2.917	7.58	0.14	4.100	7.60	0.12
2.933	7.58	0.14	4.133	7.60	0.12
2.950	7.58	0.14	4.167	7.60	0.12
2.967	7.58	0.14	4.200	7.60	0.12
2.983	7.58	0.14	4.233	7.60	0.12
3.000	7.58	0.14	4.267	7.61	0.11
3.033	7.58	0.14	4.300	7.61	0.11
3.067	7.58	0.14	4.333	7.61	0.11
3.100	7.58	0.14	4.367	7.61	0.11
3.133	7.58	0.14	4.400	7.61	0.11
3.167	7.59	0.13	4.433	7.61	0.11
3.200	7.59	0.13	4.467	7.61	0.11
3.233	7.59	0.13	4.500	7.61	0.11
3.267	7.59	0.13	4.533	7.61	0.11
3.300	7.59	0.13	4.567	7.61	0.11

SLUG TEST DATA
MONITORING WELL 09-MW11S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
4.600	7.61	0.11	5.867	7.63	0.09
4.633	7.61	0.11	5.900	7.63	0.09
4.667	7.61	0.11	5.933	7.63	0.09
4.700	7.61	0.11	5.967	7.63	0.09
4.733	7.61	0.11	6.000	7.63	0.09
4.767	7.61	0.11	6.083	7.63	0.09
4.800	7.61	0.11	6.167	7.63	0.09
4.833	7.61	0.11	6.250	7.63	0.09
4.867	7.61	0.11	6.333	7.63	0.09
4.900	7.61	0.11	6.417	7.63	0.09
4.933	7.61	0.11	6.500	7.64	0.08
4.967	7.61	0.11	6.583	7.64	0.08
5.000	7.61	0.11	6.667	7.64	0.08
5.033	7.62	0.10	6.750	7.64	0.08
5.067	7.62	0.10	6.833	7.64	0.08
5.100	7.62	0.10	6.917	7.64	0.08
5.133	7.62	0.10	7.000	7.64	0.08
5.167	7.62	0.10	7.083	7.64	0.08
5.200	7.62	0.10	7.167	7.64	0.08
5.233	7.62	0.10	7.250	7.64	0.08
5.267	7.62	0.10	7.333	7.64	0.08
5.300	7.62	0.10	7.417	7.64	0.08
5.333	7.62	0.10	7.500	7.64	0.08
5.367	7.62	0.10	7.583	7.64	0.08
5.400	7.62	0.10	7.667	7.65	0.07
5.433	7.62	0.10	7.750	7.65	0.07
5.467	7.62	0.10	7.833	7.65	0.07
5.500	7.62	0.10	7.917	7.65	0.07
5.533	7.62	0.10	8.000	7.65	0.07
5.567	7.62	0.10	8.083	7.65	0.07
5.600	7.62	0.10	8.167	7.65	0.07
5.633	7.62	0.10	8.250	7.65	0.07
5.667	7.62	0.10	8.333	7.65	0.07
5.700	7.63	0.09	8.417	7.65	0.07
5.733	7.63	0.09	8.500	7.65	0.07
5.767	7.63	0.09	8.583	7.65	0.07
5.800	7.63	0.09	8.667	7.65	0.07
5.833	7.63	0.09	8.750	7.66	0.06

SLUG TEST DATA
MONITORING WELL 09–MW11S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 13, 1993

ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	HYDRAULIC HEAD ABOVE TRANSDUCER (ft)	RESIDUAL DRAWDOWN * (ft)
8.833	7.66	0.06	13.000	7.68	0.04
8.917	7.66	0.06	13.167	7.68	0.04
9.000	7.66	0.06	13.333	7.68	0.04
9.083	7.66	0.06	13.500	7.68	0.04
9.167	7.66	0.06	13.667	7.68	0.04
9.250	7.66	0.06	13.833	7.68	0.04
9.333	7.66	0.06	14.000	7.68	0.04
9.417	7.66	0.06	14.167	7.68	0.04
9.500	7.66	0.06	14.333	7.68	0.04
9.583	7.66	0.06	14.500	7.68	0.04
9.667	7.66	0.06	14.667	7.68	0.04
9.750	7.66	0.06	14.833	7.68	0.04
9.833	7.66	0.06	15.000	7.68	0.04
9.917	7.66	0.06	15.167	7.68	0.04
10.000	7.66	0.06	15.333	7.68	0.04
10.083	7.66	0.06	15.500	7.68	0.04
10.167	7.66	0.06	15.667	7.68	0.04
10.250	7.66	0.06	15.833	7.68	0.04
10.333	7.66	0.06	16.000	7.69	0.03
10.417	7.66	0.06	16.333	7.69	0.03
10.500	7.66	0.06	16.667	7.69	0.03
10.583	7.67	0.05	17.000	7.69	0.03
10.667	7.67	0.05	17.333	7.69	0.03
10.750	7.67	0.05	17.667	7.69	0.03
10.833	7.67	0.05	18.000	7.69	0.03
10.917	7.67	0.05	18.333	7.69	0.03
11.000	7.67	0.05	18.667	7.69	0.03
11.167	7.67	0.05	19.000	7.69	0.03
11.333	7.67	0.05	19.333	7.69	0.03
11.500	7.67	0.05	19.667	7.69	0.03
11.667	7.67	0.05	20.000	7.69	0.03
11.833	7.67	0.05	20.333	7.70	0.02
12.000	7.67	0.05	20.667	7.70	0.02
12.167	7.67	0.05	21.000	7.69	0.03
12.333	7.67	0.05	21.333	7.70	0.02
12.500	7.68	0.04	21.667	7.70	0.02
12.667	7.68	0.04			
12.833	7.68	0.04			

* INITIAL (PRE–TEST) HYDRAULIC HEAD = 7.72 FEET

SLUG TEST DATA
MONITORING WELL 09–MW12D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 16, 1993

ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	9.65	0.67	0.317	9.74	0.76
0.008	10.10	1.12	0.325	9.72	0.74
0.017	10.37	1.39	0.333	9.70	0.72
0.025	10.75	1.77	0.350	9.65	0.67
0.033	10.94	1.96	0.367	9.61	0.63
0.042	10.86	1.88	0.383	9.58	0.60
0.050	10.88	1.90	0.400	9.54	0.56
0.058	11.22	2.24	0.417	9.51	0.53
0.067	10.71	1.73	0.433	9.48	0.50
0.075	10.67	1.69	0.450	9.45	0.47
0.083	10.61	1.63	0.467	9.42	0.44
0.092	10.60	1.62	0.483	9.39	0.41
0.100	10.53	1.55	0.500	9.37	0.39
0.108	10.48	1.50	0.517	9.34	0.36
0.117	10.44	1.46	0.533	9.32	0.34
0.125	10.40	1.42	0.550	9.30	0.32
0.133	10.36	1.38	0.567	9.28	0.30
0.142	10.33	1.35	0.583	9.26	0.28
0.150	10.29	1.31	0.600	9.24	0.26
0.158	10.26	1.28	0.617	9.23	0.25
0.167	10.23	1.25	0.633	9.21	0.23
0.175	10.20	1.22	0.650	9.20	0.22
0.183	10.17	1.19	0.667	9.18	0.20
0.192	10.14	1.16	0.683	9.17	0.19
0.200	10.11	1.13	0.700	9.16	0.18
0.208	10.08	1.10	0.717	9.15	0.17
0.217	10.05	1.07	0.733	9.13	0.15
0.225	10.02	1.04	0.750	9.12	0.14
0.233	9.99	1.01	0.767	9.11	0.13
0.242	9.97	0.99	0.783	9.10	0.12
0.250	9.94	0.96	0.800	9.09	0.11
0.258	9.91	0.93	0.817	9.09	0.11
0.267	9.88	0.90	0.833	9.08	0.10
0.275	9.86	0.88	0.850	9.07	0.09
0.283	9.84	0.86	0.867	9.07	0.09
0.292	9.81	0.83	0.883	9.06	0.08
0.300	9.78	0.80	0.900	9.06	0.08
0.308	9.76	0.78	0.917	9.05	0.07

SLUG TEST DATA
MONITORING WELL 09–MW12D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 16, 1993

ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)
0.933	9.04	0.06			
0.950	9.04	0.06			
0.967	9.04	0.06			
0.983	9.03	0.05			
1.000	9.03	0.05			
1.200	9.00	0.02			
1.400	8.99	0.01			
1.600	8.98	0.00			

* INITIAL (PRE–TEST) DEPTH TO WATER = 8.98 FEET

SLUG TEST DATA
MONITORING WELL 09-MW13S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 16, 1993

ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	12.23	3.27	0.317	9.60	0.64
0.008	11.71	2.75	0.325	9.59	0.63
0.017	10.83	1.87	0.333	9.57	0.61
0.025	10.83	1.87	0.350	9.53	0.57
0.033	10.74	1.78	0.367	9.50	0.54
0.042	10.63	1.67	0.383	9.47	0.51
0.050	10.56	1.60	0.400	9.45	0.49
0.058	10.51	1.55	0.417	9.42	0.46
0.067	10.45	1.49	0.433	9.40	0.44
0.075	10.39	1.43	0.450	9.38	0.42
0.083	10.34	1.38	0.467	9.36	0.40
0.092	10.29	1.33	0.483	9.34	0.38
0.100	10.24	1.28	0.500	9.32	0.36
0.108	10.20	1.24	0.517	9.30	0.34
0.117	10.16	1.20	0.533	9.28	0.32
0.125	10.12	1.16	0.550	9.27	0.31
0.133	10.09	1.13	0.567	9.25	0.29
0.142	10.05	1.09	0.583	9.23	0.27
0.150	10.03	1.06	0.600	9.22	0.26
0.158	9.99	1.03	0.617	9.21	0.25
0.167	9.97	1.01	0.633	9.20	0.23
0.175	9.94	0.98	0.650	9.18	0.22
0.183	9.92	0.96	0.667	9.17	0.21
0.192	9.89	0.93	0.683	9.16	0.20
0.200	9.87	0.91	0.700	9.15	0.19
0.208	9.85	0.89	0.717	9.15	0.19
0.217	9.83	0.87	0.733	9.14	0.18
0.225	9.81	0.85	0.750	9.13	0.17
0.233	9.78	0.82	0.767	9.12	0.16
0.242	9.77	0.81	0.783	9.11	0.15
0.250	9.75	0.79	0.800	9.11	0.15
0.258	9.73	0.77	0.817	9.10	0.14
0.267	9.71	0.75	0.833	9.09	0.13
0.275	9.69	0.73	0.850	9.09	0.13
0.283	9.68	0.72	0.867	9.08	0.12
0.292	9.66	0.70	0.883	9.07	0.11
0.300	9.64	0.68	0.900	9.07	0.11
0.308	9.62	0.66	0.917	9.06	0.10

SLUG TEST DATA
MONITORING WELL 09–MW13S
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 16, 1993

ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)
0.933	9.06	0.10			
0.950	9.05	0.09			
0.967	9.05	0.09			
0.983	9.05	0.09			
1.000	9.04	0.08			
1.200	9.01	0.05			
1.400	8.99	0.03			
1.600	8.98	0.02			
1.800	8.98	0.02			
2.000	8.97	0.01			
2.200	8.97	0.01			
2.400	8.97	0.01			
2.600	8.96	0.00			

* INITIAL (PRE–TEST) DEPTH TO WATER = 8.96 FEET

SLUG TEST DATA
MONITORING WELL 09–MW13D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 16, 1993

ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)
0.000	12.29	3.32	0.317	9.78	0.80
0.008	11.18	2.21	0.325	9.76	0.79
0.017	10.69	1.72	0.333	9.75	0.78
0.025	10.56	1.59	0.350	9.72	0.75
0.033	10.57	1.60	0.367	9.70	0.73
0.042	10.53	1.55	0.383	9.68	0.71
0.050	10.50	1.53	0.400	9.66	0.69
0.058	10.46	1.49	0.417	9.64	0.67
0.067	10.40	1.43	0.433	9.62	0.65
0.075	10.37	1.40	0.450	9.60	0.63
0.083	10.34	1.37	0.467	9.58	0.61
0.092	10.31	1.34	0.483	9.56	0.59
0.100	10.28	1.31	0.500	9.55	0.58
0.108	10.25	1.28	0.517	9.53	0.56
0.117	10.22	1.25	0.533	9.52	0.55
0.125	10.19	1.22	0.550	9.50	0.53
0.133	10.17	1.20	0.567	9.49	0.52
0.142	10.14	1.17	0.583	9.47	0.50
0.150	10.12	1.15	0.600	9.46	0.49
0.158	10.10	1.13	0.617	9.45	0.48
0.167	10.08	1.10	0.633	9.43	0.46
0.175	10.05	1.08	0.650	9.42	0.45
0.183	10.03	1.06	0.667	9.41	0.44
0.192	10.01	1.04	0.683	9.40	0.43
0.200	9.99	1.02	0.700	9.39	0.42
0.208	9.97	1.00	0.717	9.38	0.41
0.217	9.96	0.98	0.733	9.37	0.40
0.225	9.94	0.97	0.750	9.36	0.39
0.233	9.92	0.95	0.767	9.35	0.38
0.242	9.90	0.93	0.783	9.34	0.37
0.250	9.89	0.92	0.800	9.33	0.36
0.258	9.87	0.90	0.817	9.33	0.35
0.267	9.86	0.89	0.833	9.32	0.35
0.275	9.84	0.87	0.850	9.31	0.34
0.283	9.83	0.86	0.867	9.30	0.33
0.292	9.81	0.84	0.883	9.29	0.32
0.300	9.80	0.83	0.900	9.28	0.31
0.308	9.79	0.82	0.917	9.28	0.31

SLUG TEST DATA
MONITORING WELL 09-MW13D
NCBC DAVISVILLE, RHODE ISLAND
AUGUST 16, 1993

ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)	ELAPSED TIME (min)	DEPTH TO WATER FROM TOP OF RISER (ft)	RESIDUAL DRAWDOWN * (ft)
0.933	9.27	0.30			
0.950	9.27	0.30			
0.967	9.26	0.29			
0.983	9.25	0.28			
1.000	9.25	0.28			
1.200	9.18	0.21			
1.400	9.14	0.17			
1.600	9.11	0.14			
1.800	9.09	0.11			
2.000	9.06	0.09			
2.200	9.05	0.08			
2.400	9.04	0.07			
2.600	9.03	0.06			
2.800	9.02	0.05			
3.000	9.01	0.04			
3.200	9.01	0.04			
3.400	9.00	0.03			
3.600	9.00	0.03			
3.800	9.00	0.03			
4.000	8.99	0.02			
4.200	8.99	0.02			
4.400	8.99	0.02			
4.600	8.99	0.02			
4.800	8.98	0.01			
5.000	8.98	0.01			
5.200	8.98	0.01			
5.400	8.98	0.01			
5.600	8.98	0.01			
5.800	8.98	0.01			
6.000	8.98	0.01			
6.200	8.98	0.01			
6.400	8.98	0.01			
6.600	8.97	0.00			

* INITIAL (PRE-TEST) DEPTH TO WATER = 8.97 FEET

APPENDIX M

TIDAL INFLUENCE WATER LEVEL MONITORING EVENTS

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 - AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	– WATER TABLE ELEVATION (ft msl) – 09-PZ1A	09-PZ1B	09-PZ1C	09-MW8S	09-MW8D	09-PZ2A	09-PZ2B	09-PZ2C
08/04/93	17:00	0	2.80	2.95	3.64	2.04	2.15	1.83	2.11	2.38
08/04/93	17:15	15	2.79	2.82	3.62	2.03	2.21	1.86	2.09	2.36
08/04/93	17:30	30	2.79	2.79	3.60	2.02	2.26	1.84	2.08	2.35
08/04/93	17:45	45	2.79	2.81	3.60	2.02	2.31	1.86	2.08	2.35
08/04/93	18:00	60	2.79	2.81	3.58	2.02	2.38	1.87	2.07	2.35
08/04/93	18:15	75	2.79	2.81	3.58	2.01	2.47	1.88	2.07	2.35
08/04/93	18:30	90	2.79	2.81	3.57	2.01	2.54	1.90	2.07	2.36
08/04/93	18:45	105	2.79	2.83	3.55	2.01	2.58	1.92	2.07	2.37
08/04/93	19:00	120	2.79	2.84	3.54	2.01	2.68	1.93	2.07	2.39
08/04/93	19:15	135	2.79	2.86	3.53	2.00	2.75	1.95	2.08	2.41
08/04/93	19:30	150	2.79	2.89	3.52	2.00	2.85	1.98	2.09	2.44
08/04/93	19:45	165	2.79	2.91	3.50	2.00	2.92	1.99	2.09	2.46
08/04/93	20:00	180	2.79	2.94	3.50	2.00	2.99	2.00	2.10	2.49
08/04/93	20:15	195	2.79	2.97	3.48	2.00	3.07	2.01	2.11	2.53
08/04/93	20:30	210	2.79	2.99	3.47	2.00	3.14	2.01	2.11	2.57
08/04/93	20:45	225	2.79	3.01	3.46	1.99	3.18	2.01	2.12	2.60
08/04/93	21:00	240	2.79	3.03	3.45	2.00	3.26	2.02	2.13	2.64
08/04/93	21:15	255	2.79	3.04	3.43	2.00	3.34	2.02	2.15	2.69
08/04/93	21:30	270	2.79	3.05	3.42	2.00	3.35	2.02	2.15	2.73
08/04/93	21:45	285	2.79	3.10	3.42	2.01	3.42	2.03	2.17	2.77
08/04/93	22:00	300	2.79	3.13	3.41	2.01	3.46	2.04	2.18	2.82
08/04/93	22:15	315	2.79	3.15	3.40	2.02	3.46	2.05	2.19	2.85
08/04/93	22:30	330	2.79	3.20	3.40	2.03	3.44	2.07	2.21	2.88
08/04/93	22:45	345	2.79	3.22	3.39	2.04	3.44	2.08	2.22	2.91
08/04/93	23:00	360	2.79	3.23	3.38	2.04	3.39	2.09	2.23	2.92
08/04/93	23:15	375	2.79	3.25	3.38	2.05	3.36	2.10	2.24	2.94
08/04/93	23:30	390	2.79	3.26	3.37	2.05	3.31	2.11	2.25	2.95
08/04/93	23:45	405	2.79	3.27	3.37	2.06	3.25	2.11	2.25	2.95
08/05/93	00:00	420	2.78	3.27	3.36	2.06	3.13	2.12	2.25	2.94
08/05/93	00:15	435	2.79	3.27	3.36	2.06	3.04	2.13	2.25	2.93
08/05/93	00:30	450	2.79	3.27	3.36	2.06	2.92	2.14	2.24	2.90
08/05/93	00:45	465	2.79	3.26	3.35	2.06	2.81	2.14	2.23	2.88
08/05/93	01:00	480	2.79	3.25	3.35	2.06	2.70	2.14	2.23	2.85
08/05/93	01:15	495	2.79	3.23	3.35	2.06	2.57	2.15	2.21	2.81
08/05/93	01:30	510	2.79	3.21	3.34	2.06	2.42	2.15	2.20	2.77
08/05/93	01:45	525	2.79	3.18	3.33	2.06	2.31	2.16	2.19	2.74
08/05/93	02:00	540	2.79	3.14	3.32	2.06	2.22	2.16	2.18	2.70

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 - AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	-- WATER TABLE ELEVATION (ft msl) -- 09-PZ1A	09-PZ1B	09-PZ1C	09-MW8S	09-MW8D	09-PZ2A	09-PZ2B	09-PZ2C
08/05/93	02:15	555	2.79	3.13	3.32	2.05	2.13	2.16	2.17	2.66
08/05/93	02:30	570	2.79	3.08	3.32	2.04	2.07	2.16	2.16	2.62
08/05/93	02:45	585	2.79	3.04	3.31	2.04	2.03	2.15	2.15	2.59
08/05/93	03:00	600	2.79	2.95	3.30	2.04	1.97	2.15	2.13	2.55
08/05/93	03:15	615	2.78	2.92	3.31	2.02	1.95	2.14	2.12	2.51
08/05/93	03:30	630	2.78	2.90	3.31	2.02	1.95	2.14	2.11	2.48
08/05/93	03:45	645	2.78	2.85	3.29	2.02	1.94	2.14	2.09	2.45
08/05/93	04:00	660	2.78	2.83	3.29	2.01	1.94	2.13	2.09	2.42
08/05/93	04:15	675	2.78	2.80	3.28	2.01	1.97	2.13	2.07	2.40
08/05/93	04:30	690	2.78	2.78	3.27	2.00	1.98	2.12	2.07	2.37
08/05/93	04:45	705	2.78	2.76	3.27	1.99	2.02	2.11	2.06	2.36
08/05/93	05:00	720	2.78	2.73	3.25	1.99	2.03	2.11	2.05	2.33
08/05/93	05:15	735	2.78	2.72	3.25	1.99	2.06	2.11	2.04	2.32
08/05/93	05:30	750	2.78	2.71	3.24	1.98	2.12	2.10	2.04	2.31
08/05/93	05:45	765	2.78	2.71	3.23	1.97	2.15	2.10	2.03	2.29
08/05/93	06:00	780	2.78	2.71	3.22	1.97	2.21	2.09	2.02	2.28
08/05/93	06:15	795	2.78	2.69	3.21	1.97	2.25	2.09	2.02	2.28
08/05/93	06:30	810	2.78	2.70	3.21	1.96	2.29	2.09	2.02	2.28
08/05/93	06:45	825	2.78	2.70	3.19	1.96	2.32	2.09	2.01	2.27
08/05/93	07:00	840	2.78	2.70	3.18	1.96	2.41	2.08	2.01	2.28
08/05/93	07:15	855	2.78	2.70	3.18	1.96	2.48	2.08	2.01	2.29
08/05/93	07:30	870	2.78	2.72	3.18	1.95	2.53	2.07	2.01	2.30
08/05/93	07:45	885	2.78	2.73	3.17	1.95	2.60	2.07	2.02	2.31
08/05/93	08:00	900	2.78	2.75	3.16	1.95	2.70	2.07	2.02	2.33
08/05/93	08:15	915	2.78	2.77	3.16	1.95	2.76	2.07	2.02	2.36
08/05/93	08:30	930	2.78	2.79	3.15	1.95	2.87	2.07	2.03	2.39
08/05/93	08:45	945	2.78	2.82	3.14	1.95	2.96	2.07	2.04	2.43
08/05/93	09:00	960	2.77	2.84	3.13	1.95	3.07	2.07	2.06	2.47
08/05/93	09:15	975	2.78	2.88	3.13	1.95	3.16	2.07	2.06	2.52
08/05/93	09:30	990	2.78	2.92	3.12	1.96	3.24	2.07	2.07	2.57
08/05/93	09:45	1005	2.78	2.97	3.13	1.96	3.35	2.07	2.09	2.62
08/05/93	10:00	1020	2.77	2.97	3.11	1.96	3.40	2.07	2.11	2.67
08/05/93	10:15	1035	2.77	3.06	3.16	1.97	3.46	2.08	2.13	2.73
08/05/93	10:30	1050	2.78	3.10	3.14	1.98	3.51	2.09	2.15	2.78
08/05/93	10:45	1065	2.77	3.09	3.10	1.99	3.51	2.09	2.16	2.81
08/05/93	11:00	1080	2.77	3.09	3.07	1.99	3.49	2.10	2.17	2.84
08/05/93	11:15	1095	2.77	3.16	3.10	2.00	3.48	2.11	2.19	2.87

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 - AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	09-PZ1A	09-PZ1B	09-PZ1C	09-MW8S	09-MW8D	09-PZ2A	09-PZ2B	09-PZ2C
			-- WATER TABLE ELEVATION (ft msl) --							
08/05/93	11:30	1110	2.78	3.18	3.11	2.01	3.47	2.13	2.21	2.91
08/05/93	11:45	1125	2.77	3.22	3.10	2.01	3.38	2.13	2.21	2.91
08/05/93	12:00	1140	2.78	3.24	3.14	2.02	3.31	2.14	2.22	2.92
08/05/93	12:15	1155	2.78	3.29	3.13	2.02	3.22	2.14	2.22	2.92
08/05/93	12:30	1170	2.78	3.33	3.14	2.03	3.10	2.16	2.22	2.91
08/05/93	12:45	1185	2.78	3.21	3.10	2.03	2.99	2.16	2.22	2.89
08/05/93	13:00	1200	2.78	3.33	3.19	2.04	2.87	2.18	2.23	2.88
08/05/93	13:15	1215	2.78	3.28	3.13	2.04	2.76	2.16	2.21	2.85
08/05/93	13:30	1230	2.77	3.11	3.06	2.04	2.60	2.16	2.19	2.81
08/05/93	13:45	1245	2.77	3.25	3.14	2.03	2.49	2.16	2.19	2.77
08/05/93	14:00	1260	2.78	3.15	3.08	2.03	2.38	2.16	2.18	2.74
08/05/93	14:15	1275	2.77	3.13	3.09	2.03	2.26	2.16	2.16	2.69
08/05/93	14:30	1290	2.78	3.21	3.19	2.03	2.19	2.17	2.16	2.67
08/05/93	14:45	1305	2.77	2.99	3.00	2.02	2.10	2.14	2.13	2.61
08/05/93	15:00	1320	2.77	2.99	3.03	2.02	2.05	2.14	2.13	2.59
08/05/93	15:15	1335	2.77	2.98	3.04	2.02	2.01	2.14	2.12	2.55
08/05/93	15:30	1350	2.77	2.88	3.01	2.01	1.97	2.14	2.11	2.52
08/05/93	15:45	1365	2.77	2.96	3.16	2.01	1.96	2.15	2.11	2.50
08/05/93	16:00	1380	2.78	2.93	3.14	2.01	1.97	2.15	2.10	2.47
08/05/93	16:15	1395	2.77	2.81	3.02	2.00	1.97	2.13	2.08	2.44
08/05/93	16:30	1410	2.78	2.86	3.12	2.00	1.98	2.14	2.08	2.42
08/05/93	16:45	1425	2.77	2.78	3.07	1.99	2.02	2.13	2.07	2.40
08/05/93	17:00	1440	2.77	2.79	3.08	1.99	2.06	2.12	2.06	2.39
08/05/93	17:15	1455	2.77	2.77	3.06	1.99	2.07	2.12	2.06	2.37
08/05/93	17:30	1470	2.77	2.79	3.09	1.98	2.12	2.11	2.05	2.35
08/05/93	17:45	1485	2.77	2.74	3.04	1.97	2.17	2.11	2.04	2.34
08/05/93	18:00	1500	2.77	2.74	3.05	1.97	2.19	2.10	2.04	2.33
08/05/93	18:15	1515	2.77	2.73	3.04	1.97	2.24	2.10	2.03	2.32
08/05/93	18:30	1530	2.77	2.73	3.04	1.96	2.30	2.09	2.02	2.32
08/05/93	18:45	1545	2.77	2.74	3.03	1.96	2.36	2.09	2.02	2.32
08/05/93	19:00	1560	2.77	2.74	3.03	1.96	2.41	2.08	2.02	2.32
08/05/93	19:15	1575	2.77	2.74	3.02	1.95	2.47	2.07	2.02	2.33
08/05/93	19:30	1590	2.77	2.75	3.02	1.94	2.50	2.07	2.02	2.34
08/05/93	19:45	1605	2.77	2.77	3.01	1.94	2.58	2.06	2.02	2.35
08/05/93	20:00	1620	2.77	2.79	3.01	1.94	2.62	2.05	2.02	2.36
08/05/93	20:15	1635	2.77	2.80	3.00	1.94	2.67	2.05	2.02	2.38
08/05/93	20:30	1650	2.77	2.82	2.99	1.94	2.74	2.05	2.02	2.40

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 - AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	– WATER TABLE ELEVATION (ft msl) –							
			09-PZ1A	09-PZ1B	09-PZ1C	09-MW8S	09-MW8D	09-PZ2A	09-PZ2B	09-PZ2C
08/05/93	20:45	1665	2.77	2.83	2.98	1.94	2.79	2.04	2.02	2.42
08/05/93	21:00	1680	2.77	2.85	2.98	1.93	2.86	2.04	2.03	2.45
08/05/93	21:15	1695	2.77	2.87	2.97	1.93	2.90	2.03	2.04	2.47
08/05/93	21:30	1710	2.76	2.89	2.96	1.93	2.96	2.03	2.04	2.50
08/05/93	21:45	1725	2.77	2.92	2.96	1.94	3.01	2.04	2.05	2.54
08/05/93	22:00	1740	2.77	2.94	2.95	1.94	3.07	2.04	2.06	2.57
08/05/93	22:15	1755	2.77	2.96	2.95	1.94	3.13	2.05	2.07	2.61
08/05/93	22:30	1770	2.77	2.99	2.95	1.94	3.20	2.05	2.09	2.65
08/05/93	22:45	1785	2.76	3.01	2.95	1.95	3.22	2.06	2.10	2.68
08/05/93	23:00	1800	2.76	3.03	2.94	1.96	3.25	2.06	2.11	2.72
08/05/93	23:15	1815	2.76	3.05	2.94	1.96	3.25	2.06	2.12	2.74
08/05/93	23:30	1830	2.76	3.08	2.94	1.96	3.26	2.07	2.13	2.77
08/05/93	23:45	1845	2.76	3.09	2.94	1.96	3.23	2.07	2.14	2.79
08/06/93	00:00	1860	2.76	3.12	2.94	1.97	3.22	2.07	2.15	2.81
08/06/93	00:15	1875	2.76	3.13	2.94	1.97	3.14	2.07	2.15	2.81
08/06/93	00:30	1890	2.76	3.14	2.93	1.97	3.10	2.08	2.16	2.82
08/06/93	00:45	1905	2.76	3.15	2.94	1.97	2.98	2.08	2.15	2.81
08/06/93	01:00	1920	2.76	3.15	2.93	1.98	2.87	2.09	2.15	2.79
08/06/93	01:15	1935	2.76	3.14	2.93	1.98	2.76	2.09	2.15	2.77
08/06/93	01:30	1950	2.76	3.14	2.92	1.98	2.65	2.09	2.14	2.74
08/06/93	01:45	1965	2.76	3.12	2.92	1.97	2.51	2.10	2.13	2.71
08/06/93	02:00	1980	2.76	3.09	2.91	1.97	2.39	2.10	2.12	2.68
08/06/93	02:15	1995	2.76	3.08	2.90	1.97	2.26	2.10	2.11	2.64
08/06/93	02:30	2010	2.76	3.04	2.89	1.97	2.16	2.09	2.10	2.60
08/06/93	02:45	2025	2.76	3.00	2.89	1.97	2.07	2.09	2.09	2.57
08/06/93	03:00	2040	2.76	2.95	2.89	1.96	1.99	2.08	2.07	2.53
08/06/93	03:15	2055	2.76	2.91	2.88	1.96	1.96	2.08	2.06	2.50
08/06/93	03:30	2070	2.76	2.87	2.88	1.96	1.93	2.08	2.06	2.46
08/06/93	03:45	2085	2.76	2.84	2.87	1.95	1.90	2.07	2.04	2.43
08/06/93	04:00	2100	2.76	2.80	2.86	1.94	1.89	2.07	2.03	2.40
08/06/93	04:15	2115	2.76	2.78	2.86	1.94	1.88	2.07	2.02	2.37
08/06/93	04:30	2130	2.76	2.75	2.86	1.94	1.89	2.07	2.02	2.35
08/06/93	04:45	2145	2.76	2.72	2.85	1.93	1.91	2.06	2.01	2.32
08/06/93	05:00	2160	2.76	2.71	2.85	1.93	1.93	2.05	2.00	2.30
08/06/93	05:15	2175	2.76	2.68	2.84	1.92	1.94	2.04	1.99	2.28
08/06/93	05:30	2190	2.76	2.66	2.84	1.92	1.98	2.04	1.98	2.27
08/06/93	05:45	2205	2.76	2.65	2.82	1.91	2.01	2.04	1.97	2.25

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 - AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	– WATER TABLE ELEVATION (ft msl) – 09-PZ1A	09-PZ1B	09-PZ1C	09-MW8S	09-MW8D	09-PZ2A	09-PZ2B	09-PZ2C
08/06/93	06:00	2220	2.76	2.63	2.81	1.91	2.04	2.03	1.97	2.24
08/06/93	06:15	2235	2.75	2.63	2.80	1.91	2.09	2.03	1.96	2.23
08/06/93	06:30	2250	2.76	2.62	2.80	1.90	2.14	2.03	1.96	2.22
08/06/93	06:45	2265	2.75	2.61	2.79	1.90	2.17	2.03	1.96	2.21
08/06/93	07:00	2280	2.76	2.60	2.77	1.90	2.21	2.03	1.96	2.21
08/06/93	07:15	2295	2.75	2.62	2.77	1.89	2.29	2.02	1.96	2.21
08/06/93	07:30	2310	2.75	2.62	2.76	1.89	2.33	2.02	1.95	2.22
08/06/93	07:45	2325	2.75	2.63	2.75	1.89	2.38	2.01	1.95	2.22
08/06/93	08:00	2340	2.75	2.63	2.74	1.88	2.47	2.01	1.95	2.24
08/06/93	08:15	2355	2.75	2.63	2.74	1.88	2.54	2.00	1.95	2.25
08/06/93	08:30	2370	2.75	2.66	2.74	1.88	2.63	2.00	1.96	2.28
08/06/93	08:45	2385	2.75	2.68	2.74	1.88	2.74	2.00	1.96	2.31
08/06/93	09:00	2400	2.75	2.70	2.73	1.88	2.81	2.00	1.97	2.34
08/06/93	09:15	2415	2.75	2.75	2.76	1.88	2.91	2.01	1.98	2.38
08/06/93	09:30	2430	2.75	2.77	2.75	1.88	2.98	2.00	1.99	2.41
08/06/93	09:45	2445	2.75	2.80	2.75	1.89	3.08	2.01	2.01	2.46
08/06/93	10:00	2460	2.75	2.83	2.75	1.89	3.16	2.01	2.02	2.50

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 - AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	09-PZ3A	09-PZ3B	09-PZ3C	09-MW7S	09-MW7D	09-MW3	09-MW2
			– WATER TABLE ELEVATION (ft msl) –						
08/06/93	12:30	0	2.36	2.13	2.58	4.70	3.61	3.77	3.24
08/06/93	12:45	15	2.36	2.11	2.56	4.70	3.59	3.82	3.22
08/06/93	13:00	30	2.36	2.09	2.54	4.70	3.57	3.83	3.19
08/06/93	13:15	45	2.36	2.08	2.53	4.70	3.54	3.85	3.17
08/06/93	13:30	60	2.36	2.04	2.51	4.69	3.50	3.85	3.16
08/06/93	13:45	75	2.36	2.01	2.47	4.69	3.46	3.78	3.15
08/06/93	14:00	90	2.36	1.97	2.45	4.70	3.41	3.78	3.15
08/06/93	14:15	105	2.36	1.93	2.46	4.70	3.35	3.80	3.15
08/06/93	14:30	120	2.36	1.89	2.41	4.70	3.30	3.75	3.14
08/06/93	14:45	135	2.36	1.84	2.39	4.70	3.23	3.73	3.14
08/06/93	15:00	150	2.36	1.79	2.37	4.70	3.17	3.70	3.14
08/06/93	15:15	165	2.36	1.74	2.35	4.70	3.11	3.70	3.14
08/06/93	15:30	180	2.35	1.69	2.34	4.70	3.04	3.63	3.13
08/06/93	15:45	195	2.35	1.64	2.31	4.70	2.99	3.62	3.13
08/06/93	16:00	210	2.34	1.59	2.29	4.70	2.92	3.58	3.13
08/06/93	16:15	225	2.34	1.55	2.28	4.70	2.87	3.55	3.13
08/06/93	16:30	240	2.33	1.52	2.27	4.70	2.83	3.51	3.12
08/06/93	16:45	255	2.33	1.49	2.22	4.69	2.80	3.50	3.12
08/06/93	17:00	270	2.32	1.46	2.21	4.69	2.77	3.47	3.12
08/06/93	17:15	285	2.32	1.44	2.18	4.69	2.75	3.45	3.12
08/06/93	17:30	300	2.32	1.42	2.17	4.69	2.74	3.43	3.12
08/06/93	17:45	315	2.31	1.41	2.20	4.69	2.74	3.42	3.12
08/06/93	18:00	330	2.31	1.40	2.15	4.68	2.74	3.40	3.12
08/06/93	18:15	345	2.31	1.40	2.12	4.69	2.74	3.39	3.12
08/06/93	18:30	360	2.30	1.40	2.10	4.69	2.75	3.38	3.12
08/06/93	18:45	375	2.30	1.40	2.08	4.69	2.77	3.38	3.12
08/06/93	19:00	390	2.30	1.41	2.07	4.69	2.79	3.38	3.12
08/06/93	19:15	405	2.29	1.42	2.05	4.70	2.81	3.39	3.12
08/06/93	19:30	420	2.29	1.42	2.06	4.69	2.83	3.39	3.12
08/06/93	19:45	435	2.29	1.43	2.03	4.69	2.85	3.40	3.12
08/06/93	20:00	450	2.29	1.45	2.02	4.70	2.88	3.41	3.12
08/06/93	20:15	465	2.29	1.47	2.02	4.69	2.91	3.42	3.12
08/06/93	20:30	480	2.28	1.49	2.00	4.69	2.94	3.43	3.12
08/06/93	20:45	495	2.28	1.51	2.00	4.70	2.97	3.44	3.12
08/06/93	21:00	510	2.28	1.54	1.98	4.69	3.01	3.45	3.12
08/06/93	21:15	525	2.28	1.57	1.98	4.69	3.04	3.46	3.12
08/06/93	21:30	540	2.28	1.60	1.98	4.69	3.08	3.49	3.12
08/06/93	21:45	555	2.28	1.63	1.97	4.69	3.11	3.49	3.12

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 - AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	09-PZ3A	09-PZ3B	09-PZ3C	09-MW7S	09-MW7D	09-MW3	09-MW2
			– WATER TABLE ELEVATION (ft msl) –						
08/06/93	22:00	570	2.29	1.68	1.98	4.70	3.16	3.52	3.12
08/06/93	22:15	585	2.29	1.72	1.99	4.70	3.20	3.54	3.12
08/06/93	22:30	600	2.29	1.76	1.99	4.70	3.25	3.56	3.12
08/06/93	22:45	615	2.29	1.81	2.00	4.70	3.30	3.59	3.12
08/06/93	23:00	630	2.30	1.86	2.01	4.71	3.35	3.61	3.12
08/06/93	23:15	645	2.30	1.90	2.01	4.70	3.39	3.64	3.11
08/06/93	23:30	660	2.31	1.95	2.02	4.70	3.44	3.66	3.12
08/06/93	23:45	675	2.31	1.98	2.04	4.69	3.48	3.70	3.11
08/07/93	00:00	690	2.32	2.03	2.04	4.70	3.52	3.71	3.12
08/07/93	00:15	705	2.32	2.06	2.04	4.69	3.56	3.73	3.12
08/07/93	00:30	720	2.33	2.09	2.04	4.70	3.58	3.76	3.12
08/07/93	00:45	735	2.33	2.10	2.03	4.70	3.60	3.77	3.12
08/07/93	01:00	750	2.34	2.11	2.03	4.70	3.60	3.78	3.12
08/07/93	01:15	765	2.34	2.11	2.04	4.68	3.59	3.80	3.12
08/07/93	01:30	780	2.35	2.09	2.09	4.69	3.57	3.82	3.12
08/07/93	01:45	795	2.35	2.07	2.05	4.70	3.54	3.81	3.12
08/07/93	02:00	810	2.35	2.04	2.03	4.69	3.49	3.79	3.12
08/07/93	02:15	825	2.35	1.99	2.01	4.68	3.44	3.79	3.12
08/07/93	02:30	840	2.35	1.95	2.02	4.69	3.38	3.79	3.12
08/07/93	02:45	855	2.35	1.89	2.00	4.69	3.31	3.76	3.12
08/07/93	03:00	870	2.35	1.84	1.97	4.70	3.23	3.73	3.12
08/07/93	03:15	885	2.34	1.79	1.95	4.70	3.16	3.70	3.12
08/07/93	03:30	900	2.34	1.72	1.94	4.70	3.09	3.66	3.12
08/07/93	03:45	915	2.34	1.66	1.91	4.69	3.01	3.66	3.12
08/07/93	04:00	930	2.34	1.61	1.92	4.69	2.94	3.60	3.13
08/07/93	04:15	945	2.33	1.56	1.89	4.69	2.88	3.55	3.14
08/07/93	04:30	960	2.32	1.52	1.87	4.69	2.82	3.53	3.12
08/07/93	04:45	975	2.32	1.49	1.86	4.70	2.79	3.49	3.12
08/07/93	05:00	990	2.31	1.46	1.85	4.69	2.75	3.47	3.12
08/07/93	05:15	1005	2.31	1.43	1.85	4.68	2.72	3.44	3.12
08/07/93	05:30	1020	2.31	1.41	1.83	4.68	2.71	3.42	3.12
08/07/93	05:45	1035	2.30	1.41	1.82	4.68	2.71	3.40	3.12
08/07/93	06:00	1050	2.30	1.40	1.81	4.68	2.72	3.39	3.12
08/07/93	06:15	1065	2.29	1.40	1.81	4.68	2.72	3.38	3.12
08/07/93	06:30	1080	2.29	1.40	1.81	4.68	2.74	3.38	3.12
08/07/93	06:45	1095	2.29	1.42	1.81	4.68	2.77	3.38	3.12
08/07/93	07:00	1110	2.29	1.43	1.81	4.68	2.80	3.38	3.12
08/07/93	07:15	1125	2.28	1.44	1.81	4.68	-4.93 *	3.40	3.12

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 - AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	09-PZ3A	09-PZ3B	09-PZ3C	09-MW7S	09-MW7D	09-MW3	09-MW2
			– WATER TABLE ELEVATION (ft msl) –						
08/07/93	07:30	1140	2.28	1.46	1.81	4.68	-4.93 *	3.42	3.12
08/07/93	07:45	1155	2.28	1.48	1.80	4.68	-4.93 *	3.43	3.12
08/07/93	08:00	1170	2.28	1.49	1.81	4.68	-4.93 *	3.44	3.12
08/07/93	08:15	1185	2.27	1.51	1.78	4.68	-4.93 *	3.43	3.12
08/07/93	08:30	1200	2.28	1.53	1.82	4.68	-4.93 *	3.49	3.12
08/07/93	08:45	1215	2.27	1.55	1.79	4.67	-4.93 *	3.46	3.12
08/07/93	09:00	1230	2.28	1.59	1.83	4.68	-4.93 *	3.51	3.12
08/07/93	09:15	1245	2.27	1.62	1.83	4.68	-4.93 *	3.53	3.12
08/07/93	09:30	1260	2.27	1.65	1.81	4.67	-4.93 *	3.50	3.12
08/07/93	09:45	1275	2.28	1.69	1.85	4.68	-4.93 *	3.57	3.12
08/07/93	10:00	1290	2.28	1.72	1.85	4.68	-4.93 *	3.55	3.12
08/07/93	10:15	1305	2.28	1.76	1.84	4.67	-4.93 *	3.58	3.12
08/07/93	10:30	1320	2.28	1.80	1.86	4.67	-4.93 *	3.61	3.12
08/07/93	10:45	1335	2.29	1.85	1.89	4.68	-4.93 *	3.68	3.12
08/07/93	11:00	1350	2.29	1.90	1.88	4.67	-4.93 *	3.59	3.12
08/07/93	11:15	1365	2.29	1.94	1.89	4.67	-4.93 *	3.67	3.12
08/07/93	11:30	1380	2.30	1.98	1.90	4.67	-4.93 *	3.69	3.12
08/07/93	11:45	1395	2.31	2.03	1.93	4.68	-4.93 *	3.77	3.12
08/07/93	12:00	1410	2.31	2.08	1.92	4.67	-4.93 *	3.71	3.12
08/07/93	12:15	1425	2.32	2.11	1.93	4.68	-4.93 *	3.79	3.12
08/07/93	12:30	1440	2.32	2.14	1.94	4.68	-4.93 *	3.81	3.12
08/07/93	12:45	1455	2.34	2.18	1.96	4.68	-4.93 *	3.85	3.12
08/07/93	13:00	1470	2.34	2.19	1.95	4.68	-4.93 *	3.82	3.11
08/07/93	13:15	1485	2.34	2.20	1.92	4.67	-4.93 *	3.85	3.11
08/07/93	13:30	1500	2.36	2.21	1.94	4.68	-4.93 *	3.81	3.11
08/07/93	13:45	1515	2.36	2.21	1.92	4.68	-4.93 *	3.90	3.11
08/07/93	14:00	1530	2.36	2.19	1.91	4.68	-4.93 *	3.87	3.11
08/07/93	14:15	1545	2.36	2.17	1.90	4.68	-4.93 *	3.87	3.11
08/07/93	14:30	1560	2.37	2.14	1.87	4.67	-4.93 *	3.88	3.11
08/07/93	14:45	1575	2.37	2.10	1.85	4.67	-4.93 *	3.83	3.10
08/07/93	15:00	1590	2.38	2.07	1.90	4.68	-4.93 *	3.95	3.11
08/07/93	15:15	1605	2.37	2.01	1.82	4.67	-4.93 *	3.76	3.10
08/07/93	15:30	1620	2.37	1.96	1.82	4.68	-4.93 *	3.76	3.10
08/07/93	15:45	1635	2.38	1.92	1.84	4.68	-4.93 *	3.84	3.10
08/07/93	16:00	1650	2.37	1.86	1.94	4.68	-4.93 *	3.76	3.10
08/07/93	16:15	1665	2.36	1.81	1.85	4.67	-4.93 *	3.65	3.10
08/07/93	16:30	1680	2.36	1.76	1.80	4.67	-4.93 *	3.63	3.10
08/07/93	16:45	1695	2.36	1.72	1.75	4.67	-4.93 *	3.63	3.10

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 - AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	09-PZ3A	09-PZ3B	09-PZ3C	09-MW7S	09-MW7D	09-MW3	09-MW2
			– WATER TABLE ELEVATION (ft msl) –						
08/07/93	17:00	1710	2.36	1.68	1.81	4.67	-4.93 *	3.63	3.10
08/07/93	17:15	1725	2.35	1.64	1.80	4.67	-4.93 *	3.57	3.10
08/07/93	17:30	1740	2.35	1.62	1.81	4.67	-4.93 *	3.55	3.09
08/07/93	17:45	1755	2.35	1.59	1.84	4.67	-4.93 *	3.52	3.09
08/07/93	18:00	1770	2.34	1.57	1.84	4.67	-4.93 *	3.50	3.09
08/07/93	18:15	1785	2.34	1.56	1.81	4.67	-4.93 *	3.48	3.09
08/07/93	18:30	1800	2.33	1.55	1.77	4.67	-4.93 *	3.46	3.09
08/07/93	18:45	1815	2.33	1.54	1.78	4.66	-4.93 *	3.45	3.08
08/07/93	19:00	1830	2.33	1.54	1.78	4.66	-4.93 *	3.44	3.08
08/07/93	19:15	1845	2.32	1.54	1.76	4.67	-4.93 *	3.43	3.08
08/07/93	19:30	1860	2.32	1.54	1.77	4.66	-4.93 *	3.43	3.08
08/07/93	19:45	1875	2.32	1.54	1.77	4.66	-4.93 *	3.44	3.08
08/07/93	20:00	1890	2.32	1.55	1.76	4.66	-4.93 *	3.43	3.08
08/07/93	20:15	1905	2.31	1.56	1.75	4.66	-4.93 *	3.45	3.08
08/07/93	20:30	1920	2.31	1.57	1.77	4.66	-4.93 *	3.45	3.08
08/07/93	20:45	1935	2.31	1.58	1.76	4.66	-4.93 *	3.45	3.08
08/07/93	21:00	1950	2.31	1.59	1.72	4.66	-4.93 *	3.45	3.08
08/07/93	21:15	1965	2.31	1.61	1.72	4.66	-4.93 *	3.46	3.08
08/07/93	21:30	1980	2.31	1.63	1.72	4.66	-4.93 *	3.47	3.08
08/07/93	21:45	1995	2.31	1.65	1.71	4.66	-4.93 *	3.49	3.08
08/07/93	22:00	2010	2.31	1.68	1.72	4.66	-4.93 *	3.50	3.08
08/07/93	22:15	2025	2.31	1.70	1.73	4.66	-4.93 *	3.51	3.08
08/07/93	22:30	2040	2.31	1.72	1.73	4.66	-4.93 *	3.53	3.08
08/07/93	22:45	2055	2.31	1.75	1.73	4.66	-4.93 *	3.54	3.08
08/07/93	23:00	2070	2.31	1.78	1.74	4.66	-4.93 *	3.55	3.08
08/07/93	23:15	2085	2.31	1.81	1.75	4.66	-4.93 *	3.58	3.08
08/07/93	23:30	2100	2.31	1.84	1.76	4.66	-4.93 *	3.60	3.08
08/07/93	23:45	2115	2.32	1.88	1.77	4.66	-4.93 *	3.60	3.08
08/08/93	00:00	2130	2.32	1.91	1.78	4.66	-4.93 *	3.63	3.08
08/08/93	00:15	2145	2.33	1.94	1.79	4.66	-4.93 *	3.62	3.08
08/08/93	00:30	2160	2.33	1.97	1.79	4.66	-4.93 *	3.66	3.08
08/08/93	00:45	2175	2.33	1.99	1.80	4.66	-4.93 *	3.67	3.08
08/08/93	01:00	2190	2.34	2.01	1.80	4.66	-4.93 *	3.70	3.08
08/08/93	01:15	2205	2.34	2.01	1.80	4.66	-4.93 *	3.71	3.08
08/08/93	01:30	2220	2.34	2.02	1.79	4.66	-4.93 *	3.71	3.08
08/08/93	01:45	2235	2.35	2.01	1.78	4.66	-4.93 *	3.72	3.08
08/08/93	02:00	2250	2.35	2.00	1.77	4.66	-4.93 *	3.72	3.08
08/08/93	02:15	2265	2.35	1.98	1.76	4.66	-4.93 *	3.73	3.09

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 - AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	09-PZ3A	09-PZ3B	09-PZ3C	09-MW7S	09-MW7D	09-MW3	09-MW2
			– WATER TABLE ELEVATION (ft msl) –						
08/08/93	02:30	2280	2.35	1.96	1.80	4.66	-4.93 *	3.72	3.09
08/08/93	02:45	2295	2.35	1.92	1.77	4.66	-4.93 *	3.71	3.09
08/08/93	03:00	2310	2.35	1.88	1.75	4.66	-4.93 *	3.69	3.09
08/08/93	03:15	2325	2.35	1.83	1.75	4.66	-4.93 *	3.67	3.08
08/08/93	03:30	2340	2.35	1.78	1.72	4.66	-4.93 *	3.66	3.09
08/08/93	03:45	2355	2.34	1.72	1.70	4.66	-4.93 *	3.63	3.09
08/08/93	04:00	2370	2.34	1.68	1.69	4.66	-4.93 *	3.61	3.08
08/08/93	04:15	2385	2.33	1.63	1.67	4.66	-4.93 *	3.58	3.08
08/08/93	04:30	2400	2.33	1.57	1.65	4.66	-4.93 *	3.55	3.09
08/08/93	04:45	2415	2.32	1.53	1.65	4.66	-4.93 *	3.52	3.08
08/08/93	05:00	2430	2.32	1.49	1.64	4.65	-4.93 *	3.49	3.08
08/08/93	05:15	2445	2.31	1.45	1.61	4.65	-4.93 *	3.46	3.08
08/08/93	05:30	2460	2.31	1.42	1.58	4.65	-4.93 *	3.43	3.08
08/08/93	05:45	2475	2.30	1.39	1.58	4.65	-4.93 *	3.41	3.08
08/08/93	06:00	2490	2.30	1.37	1.57	4.65	-4.93 *	3.39	3.08
08/08/93	06:15	2505	2.29	1.35	1.56	4.65	-4.93 *	3.37	3.08
08/08/93	06:30	2520	2.29	1.35	1.54	4.65	-4.93 *	3.36	3.08
08/08/93	06:45	2535	2.29	1.33	1.54	4.65	-4.93 *	3.35	3.08
08/08/93	07:00	2550	2.28	1.33	1.53	4.65	-4.93 *	3.34	3.08
08/08/93	07:15	2565	2.28	1.32	1.53	4.65	-4.93 *	3.34	3.08
08/08/93	07:30	2580	2.27	1.32	1.53	4.65	-4.93 *	3.34	3.08
08/08/93	07:45	2595	2.27	1.32	1.50	4.65	-4.93 *	3.32	3.08
08/08/93	08:00	2610	2.27	1.33	1.51	4.65	-4.93 *	3.34	3.08
08/08/93	08:15	2625	2.26	1.34	1.52	4.64	-4.93 *	3.35	3.08
08/08/93	08:30	2640	2.26	1.35	1.52	4.64	-4.93 *	3.35	3.08
08/08/93	08:45	2655	2.26	1.37	1.52	4.64	-4.93 *	3.36	3.08
08/08/93	09:00	2670	2.25	1.38	1.52	4.65	-4.93 *	3.36	3.08
08/08/93	09:15	2685	2.25	1.40	1.49	4.64	-4.93 *	3.34	3.08
08/08/93	09:30	2700	2.25	1.42	1.50	4.64	-4.93 *	3.37	3.08
08/08/93	09:45	2715	2.25	1.45	1.54	4.65	-4.93 *	3.39	3.08
08/08/93	10:00	2730	2.25	1.48	1.56	4.64	-4.93 *	3.42	3.08
08/08/93	10:15	2745	2.25	1.51	1.56	4.64	-4.93 *	3.42	3.08
08/08/93	10:30	2760	2.25	1.55	1.61	4.64	-4.93 *	3.49	3.08
08/08/93	10:45	2775	2.25	1.58	1.61	4.64	-4.93 *	3.50	3.08
08/08/93	11:00	2790	2.25	1.63	1.64	4.64	-4.93 *	3.54	3.08
08/08/93	11:15	2805	2.25	1.66	1.59	4.64	-4.93 *	3.47	3.08
08/08/93	11:30	2820	2.26	1.72	1.70	4.65	-4.93 *	3.67	3.08
08/08/93	11:45	2835	2.26	1.76	1.71	4.65	-4.93 *	3.58	3.08

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 - AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	09-PZ3A	09-PZ3B	09-PZ3C	09-MW7S	09-MW7D	09-MW3	09-MW2
			– WATER TABLE ELEVATION (ft msl) –						
08/08/93	12:00	2850	2.25	1.80	1.64	4.64	-4.93 *	3.42	3.07
08/08/93	12:15	2865	2.26	1.84	1.70	4.65	-4.93 *	3.61	3.08
08/08/93	12:30	2880	2.27	1.88	1.72	4.65	-4.93 *	3.66	3.08
08/08/93	12:45	2895	2.27	1.92	1.73	4.64	-4.93 *	3.70	3.08
08/08/93	13:00	2910	2.28	1.95	1.80	4.65	-4.93 *	3.74	3.08
08/08/93	13:15	2925	2.28	1.97	1.84	4.65	-4.93 *	3.74	3.08
08/08/93	13:30	2940	2.29	1.98	1.83	4.64	-4.93 *	3.72	3.07
08/08/93	13:45	2955	2.29	2.00	1.78	4.64	-4.93 *	3.71	3.07
08/08/93	14:00	2970	2.29	2.00	1.72	4.65	-4.93 *	3.68	3.07
08/08/93	14:15	2985	2.30	2.00	1.75	4.64	-4.93 *	3.79	3.07
08/08/93	14:30	3000	2.31	1.99	1.73	4.65	-4.93 *	3.75	3.07
08/08/93	14:45	3015	2.31	1.97	1.72	4.65	-4.93 *	3.77	3.07
08/08/93	15:00	3030	2.31	1.95	1.68	4.64	-4.93 *	3.73	3.07
08/08/93	15:15	3045	2.31	1.91	1.69	4.64	-4.93 *	3.76	3.07
08/08/93	15:30	3060	2.31	1.88	1.67	4.65	-4.93 *	3.70	3.07
08/08/93	15:45	3075	2.31	1.84	1.64	4.65	-4.93 *	3.69	3.07
08/08/93	16:00	3090	2.30	1.80	1.63	4.64	-4.93 *	3.65	3.07
08/08/93	16:15	3105	2.30	1.75	1.65	4.63	-4.93 *	3.69	3.07
08/08/93	16:30	3120	2.30	1.71	1.63	4.64	-4.93 *	3.63	3.07
08/08/93	16:45	3135	2.30	1.66	1.67	4.63	-4.93 *	3.60	3.07
08/08/93	17:00	3150	2.29	1.62	1.64	4.64	-4.93 *	3.58	3.07
08/08/93	17:15	3165	2.29	1.59	1.65	4.64	-4.93 *	3.55	3.07
08/08/93	17:30	3180	2.29	1.55	1.66	4.64	-4.93 *	3.56	3.07
08/08/93	17:45	3195	2.28	1.51	1.64	4.64	-4.93 *	3.49	3.07
08/08/93	18:00	3210	2.28	1.49	1.61	4.64	-4.93 *	3.48	3.07
08/08/93	18:15	3225	2.28	1.47	1.61	4.64	-4.93 *	3.46	3.07
08/08/93	18:30	3240	2.27	1.44	1.58	4.64	-4.93 *	3.44	3.06
08/08/93	18:45	3255	2.27	1.43	1.59	4.64	-4.93 *	3.42	3.06
08/08/93	19:00	3270	2.26	1.42	1.61	4.64	-4.93 *	3.41	3.06
08/08/93	19:15	3285	2.26	1.41	1.58	4.64	-4.93 *	3.40	3.06
08/08/93	19:30	3300	2.26	1.41	1.57	4.64	-4.93 *	3.39	3.06
08/08/93	19:45	3315	2.25	1.40	1.55	4.64	-4.93 *	3.38	3.06
08/08/93	20:00	3330	2.25	1.40	1.65	4.63	-4.93 *	3.37	3.05
08/08/93	20:15	3345	2.25	1.40	1.61	4.63	-4.93 *	3.37	3.05
08/08/93	20:30	3360	2.24	1.40	1.59	4.63	-4.93 *	3.37	3.05
08/08/93	20:45	3375	2.24	1.41	1.57	4.63	-4.93 *	3.39	3.06
08/08/93	21:00	3390	2.24	1.41	1.57	4.63	-4.93 *	3.39	3.05
08/08/93	21:15	3405	2.24	1.41	1.56	4.63	-4.93 *	3.38	3.05

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 - AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	09-PZ3A	09-PZ3B	09-PZ3C	09-MW7S	09-MW7D	09-MW3	09-MW2
			– WATER TABLE ELEVATION (ft msl) –						
08/08/93	21:30	3420	2.24	1.42	1.55	4.63	-4.93 *	3.40	3.06
08/08/93	21:45	3435	2.24	1.43	1.58	4.63	-4.93 *	3.40	3.05
08/08/93	22:00	3450	2.23	1.44	1.59	4.63	-4.93 *	3.41	3.06
08/08/93	22:15	3465	2.23	1.45	1.55	4.63	-4.93 *	3.42	3.06
08/08/93	22:30	3480	2.23	1.46	1.54	4.63	-4.93 *	3.42	3.05
08/08/93	22:45	3495	2.23	1.49	1.53	4.63	-4.93 *	3.43	3.05
08/08/93	23:00	3510	2.23	1.51	1.54	4.63	-4.93 *	3.44	3.05
08/08/93	23:15	3525	2.23	1.54	1.54	4.63	-4.93 *	3.44	3.06
08/08/93	23:30	3540	2.23	1.57	1.55	4.63	-4.93 *	3.47	3.06
08/08/93	23:45	3555	2.23	1.60	1.58	4.63	-4.93 *	3.48	3.06
08/09/93	00:00	3570	2.23	1.64	1.58	4.63	-4.93 *	3.50	3.06
08/09/93	00:15	3585	2.23	1.67	1.60	4.63	-4.93 *	3.51	3.06
08/09/93	00:30	3600	2.24	1.71	1.61	4.63	-4.93 *	3.54	3.06
08/09/93	00:45	3615	2.24	1.75	1.63	4.63	-4.93 *	3.55	3.06
08/09/93	01:00	3630	2.24	1.78	1.63	4.63	-4.93 *	3.57	3.06
08/09/93	01:15	3645	2.24	1.80	1.64	4.63	-4.93 *	3.59	3.06
08/09/93	01:30	3660	2.24	1.82	1.64	4.63	-4.93 *	3.61	3.06
08/09/93	01:45	3675	2.25	1.84	1.64	4.63	-4.93 *	3.62	3.06
08/09/93	02:00	3690	2.25	1.84	1.64	4.63	-4.93 *	3.64	3.06
08/09/93	02:15	3705	2.25	1.84	1.64	4.64	-4.93 *	3.64	3.06
08/09/93	02:30	3720	2.25	1.84	1.66	4.63	-4.93 *	3.65	3.06
08/09/93	02:45	3735	2.25	1.82	1.66	4.63	-4.93 *	3.65	3.06
08/09/93	03:00	3750	2.25	1.79	1.64	4.63	-4.93 *	3.65	3.06
08/09/93	03:15	3765	2.25	1.76	1.63	4.63	-4.93 *	3.64	3.06
08/09/93	03:30	3780	2.25	1.72	1.61	4.63	-4.93 *	3.63	3.06
08/09/93	03:45	3795	2.25	1.68	1.58	4.63	-4.93 *	3.62	3.06
08/09/93	04:00	3810	2.25	1.63	1.57	4.63	-4.93 *	3.60	3.06
08/09/93	04:15	3825	2.24	1.58	1.57	4.63	-4.93 *	3.57	3.06
08/09/93	04:30	3840	2.24	1.54	1.56	4.63	-4.93 *	3.55	3.06
08/09/93	04:45	3855	2.24	1.49	1.53	4.63	-4.93 *	3.52	3.06
08/09/93	05:00	3870	2.23	1.45	1.53	4.63	-4.93 *	3.50	3.06
08/09/93	05:15	3885	2.23	1.41	1.50	4.63	-4.93 *	3.47	3.06
08/09/93	05:30	3900	2.23	1.36	1.50	4.63	-4.93 *	3.44	3.06
08/09/93	05:45	3915	2.22	1.33	1.58	4.63	-4.93 *	3.42	3.06
08/09/93	06:00	3930	2.22	1.30	1.55	4.62	-4.93 *	3.39	3.06
08/09/93	06:15	3945	2.21	1.28	1.48	4.62	-4.93 *	3.36	3.06
08/09/93	06:30	3960	2.21	1.26	1.43	4.62	-4.93 *	3.35	3.06
08/09/93	06:45	3975	2.21	1.24	1.39	4.62	-4.93 *	3.33	3.05

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 - AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	09-PZ3A	09-PZ3B	09-PZ3C	09-MW7S	09-MW7D	09-MW3	09-MW2
			– WATER TABLE ELEVATION (ft msl) –						
08/09/93	07:00	3990	2.20	1.23	1.38	4.62	-4.93 *	3.30	3.06
08/09/93	07:15	4005	2.20	1.22	1.37	4.62	-4.93 *	3.30	3.05
08/09/93	07:30	4020	2.20	1.22	1.37	4.62	-4.93 *	3.30	3.06
08/09/93	07:45	4035	2.19	1.21	1.35	4.62	-4.93 *	3.29	3.05
08/09/93	08:00	4050	2.19	1.22	1.36	4.62	-4.93 *	3.29	3.05
08/09/93	08:15	4065	2.19	1.22	1.37	4.62	-4.93 *	3.30	3.05
08/09/93	08:30	4080	2.18	1.22	1.36	4.62	-4.93 *	3.29	3.05
08/09/93	08:45	4095	2.18	1.23	1.36	4.62	-4.93 *	3.31	3.06
08/09/93	09:00	4110	2.18	1.23	1.36	4.62	-4.93 *	3.30	3.05
08/09/93	09:15	4125	2.18	1.25	1.40	4.62	-4.93 *	3.32	3.05
08/09/93	09:30	4140	2.18	1.26	1.39	4.62	-4.93 *	3.34	3.05
08/09/93	09:45	4155	2.17	1.28	1.40	4.62	-4.93 *	3.33	3.05
08/09/93	10:00	4170	2.17	1.29	1.35	4.61	-4.93 *	3.30	3.05
08/09/93	10:15	4185	2.17	1.31	1.34	4.62	-4.93 *	3.28	3.05
08/09/93	10:30	4200	2.18	1.34	1.44	4.62	-4.93 *	3.42	3.06
08/09/93	10:45	4215	2.17	1.36	1.44	4.62	-4.93 *	3.39	3.05
08/09/93	11:00	4230	2.17	1.39	1.44	4.62	-4.93 *	3.40	3.05
08/09/93	11:15	4245	2.17	1.42	1.46	4.62	-4.93 *	3.42	3.05
08/09/93	11:30	4260	2.17	1.46	1.49	4.62	-4.93 *	3.43	3.05
08/09/93	11:45	4275	2.17	1.49	1.49	4.62	-4.93 *	3.44	3.05
08/09/93	12:00	4290	2.17	1.54	1.52	4.62	-4.93 *	3.46	3.05
08/09/93	12:15	4305	2.17	1.57	1.52	4.62	-4.93 *	3.49	3.05
08/09/93	12:30	4320	2.17	1.61	1.55	4.62	-4.93 *	3.49	3.05
08/09/93	12:45	4335	2.18	1.65	1.57	4.62	-4.93 *	3.55	3.05
08/09/93	13:00	4350	2.18	1.69	1.58	4.62	-4.93 *	3.55	3.05
08/09/93	13:15	4365	2.18	1.72	1.60	4.62	-4.93 *	3.57	3.05
08/09/93	13:30	4380	2.18	1.76	1.60	4.62	-4.93 *	3.59	3.05
08/09/93	13:45	4395	2.19	1.79	1.62	4.62	-4.93 *	3.62	3.04
08/09/93	14:00	4410	2.20	1.81	1.65	4.63	-4.93 *	3.72	3.05

NOTE: * TRANSDUCER CABLE FROM 09-MW7D WAS SEVERED BY AN ANIMAL BETWEEN 1110 AND 1125 MINUTES.

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 - AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	– WATER TABLE ELEVATION (ft msl) – 09-MW10S	09-MW10D	09-PZ4A	09-PZ4B	09-PZ4C	09-MW11S	09-MW4
08/09/93	16:15	0	1.82	3.00	3.04	3.31	3.51	4.10	6.26
08/09/93	16:30	15	1.75	2.86	3.01	3.27	3.42	4.07	6.25
08/09/93	16:45	30	1.73	2.76	3.01	3.26	3.35	4.07	6.24
08/09/93	17:00	45	1.68	2.67	3.03	3.26	3.30	4.04	6.24
08/09/93	17:15	60	1.71	2.56	3.03	3.25	3.25	4.05	6.24
08/09/93	17:30	75	1.70	2.47	3.04	3.24	3.21	4.04	6.25
08/09/93	17:45	90	1.68	2.40	3.01	3.24	3.18	4.04	6.24
08/09/93	18:00	105	1.64	2.34	3.00	3.23	3.16	4.02	6.24
08/09/93	18:15	120	1.64	2.31	2.99	3.23	3.14	4.01	6.24
08/09/93	18:30	135	1.63	2.31	3.01	3.23	3.13	4.01	6.24
08/09/93	18:45	150	1.62	2.30	3.00	3.22	3.12	4.00	6.24
08/09/93	19:00	165	1.61	2.31	3.00	3.22	3.12	4.00	6.24
08/09/93	19:15	180	1.60	2.31	2.99	3.22	3.11	3.99	6.24
08/09/93	19:30	195	1.59	2.36	3.01	3.22	3.11	3.99	6.24
08/09/93	19:45	210	1.59	2.39	3.03	3.22	3.11	3.98	6.24
08/09/93	20:00	225	1.59	2.41	3.03	3.22	3.11	3.98	6.24
08/09/93	20:15	240	1.58	2.46	3.03	3.22	3.11	3.97	6.24
08/09/93	20:30	255	1.58	2.48	3.02	3.22	3.11	3.97	6.24
08/09/93	20:45	270	1.59	2.51	3.03	3.22	3.11	3.97	6.24
08/09/93	21:00	285	1.58	2.52	3.02	3.22	3.11	3.96	6.24
08/09/93	21:15	300	1.58	2.56	3.02	3.22	3.11	3.96	6.24
08/09/93	21:30	315	1.58	2.61	3.01	3.22	3.11	3.97	6.24
08/09/93	21:45	330	1.58	2.63	3.01	3.22	3.11	3.96	6.24
08/09/93	22:00	345	1.58	2.66	3.01	3.22	3.11	3.96	6.24
08/09/93	22:15	360	1.58	2.69	3.01	3.22	3.11	3.96	6.24
08/09/93	22:30	375	1.59	2.74	3.00	3.22	3.11	3.97	6.24
08/09/93	22:45	390	1.59	2.80	3.00	3.22	3.12	3.97	6.24
08/09/93	23:00	405	1.60	2.84	3.00	3.22	3.12	3.97	6.24
08/09/93	23:15	420	1.61	2.91	3.01	3.23	3.13	3.98	6.24
08/09/93	23:30	435	1.61	2.98	3.00	3.24	3.14	3.98	6.24
08/09/93	23:45	450	1.62	3.01	3.02	3.24	3.14	3.99	6.24
08/10/93	00:00	465	1.62	3.11	3.03	3.25	3.16	3.99	6.24
08/10/93	00:15	480	1.64	3.20	3.03	3.26	3.17	4.00	6.24
08/10/93	00:30	495	1.65	3.24	3.03	3.26	3.18	4.01	6.24
08/10/93	00:45	510	1.66	3.31	3.03	3.26	3.19	4.02	6.24
08/10/93	01:00	525	1.68	3.36	3.04	3.28	3.20	4.03	6.24
08/10/93	01:15	540	1.69	3.36	3.04	3.27	3.20	4.04	6.24

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 - AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	– WATER TABLE ELEVATION (ft msl) – 09-MW10S	09-MW10D	09-PZ4A	09-PZ4B	09-PZ4C	09-MW11S	09-MW4
08/10/93	01:30	555	1.70	3.40	3.03	3.28	3.21	4.05	6.24
08/10/93	01:45	570	1.72	3.41	3.02	3.28	3.22	4.06	6.24
08/10/93	02:00	585	1.72	3.43	3.03	3.28	3.22	4.07	6.24
08/10/93	02:15	600	1.72	3.38	3.03	3.28	3.22	4.07	6.23
08/10/93	02:30	615	1.75	3.35	3.03	3.28	3.22	4.07	6.24
08/10/93	02:45	630	1.74	3.31	3.02	3.28	3.21	4.07	6.24
08/10/93	03:00	645	1.74	3.26	3.02	3.27	3.21	4.07	6.23
08/10/93	03:15	660	1.74	3.19	3.02	3.27	3.20	4.07	6.23
08/10/93	03:30	675	1.73	3.13	3.03	3.26	3.19	4.05	6.23
08/10/93	03:45	690	1.72	3.04	3.02	3.26	3.18	4.05	6.23
08/10/93	04:00	705	1.71	2.96	3.02	3.25	3.17	4.04	6.23
08/10/93	04:15	720	1.69	2.85	3.01	3.24	3.16	4.03	6.23
08/10/93	04:30	735	1.68	2.76	3.01	3.23	3.14	4.03	6.23
08/10/93	04:45	750	1.66	2.69	3.03	3.23	3.13	4.01	6.23
08/10/93	05:00	765	1.65	2.59	3.03	3.22	3.11	4.01	6.23
08/10/93	05:15	780	1.64	2.50	3.03	3.21	3.10	4.00	6.23
08/10/93	05:30	795	1.62	2.44	3.02	3.21	3.09	4.00	6.23
08/10/93	05:45	810	1.60	2.36	3.01	3.20	3.08	3.98	6.23
08/10/93	06:00	825	1.58	2.28	3.01	3.19	3.06	3.97	6.23
08/10/93	06:15	840	1.58	2.23	3.01	3.19	3.05	3.97	6.23
08/10/93	06:30	855	1.56	2.20	3.01	3.19	3.04	3.96	6.23
08/10/93	06:45	870	1.54	2.16	3.00	3.18	3.04	3.95	6.23
08/10/93	07:00	885	1.53	2.17	3.00	3.18	3.03	3.95	6.23
08/10/93	07:15	900	1.52	2.16	2.99	3.17	3.03	3.95	6.23
08/10/93	07:30	915	1.52	2.18	2.99	3.18	3.03	3.94	6.23
08/10/93	07:45	930	1.52	2.23	2.99	3.18	3.03	3.94	6.23
08/10/93	08:00	945	1.51	2.26	2.98	3.18	3.03	3.94	6.23
08/10/93	08:15	960	1.51	2.30	2.98	3.18	3.03	3.94	6.23
08/10/93	08:30	975	1.50	2.35	2.98	3.18	3.04	3.93	6.23
08/10/93	08:45	990	1.49	2.40	2.99	3.18	3.04	3.93	6.23
08/10/93	09:00	1005	1.51	2.47	3.00	3.19	3.04	3.94	6.23
08/10/93	09:15	1020	1.51	2.52	2.99	3.19	3.05	3.93	6.23
08/10/93	09:30	1035	1.50	2.60	3.00	3.19	3.06	3.93	6.23
08/10/93	09:45	1050	1.52	2.66	2.99	3.19	3.06	3.93	6.22
08/10/93	10:00	1065	1.52	2.71	2.99	3.19	3.07	3.93	6.22
08/10/93	10:15	1080	1.52	2.76	2.99	3.19	3.07	3.93	6.22
08/10/93	10:30	1095	1.51	2.97	2.98	3.19	3.08	3.94	6.21

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 - AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	– WATER TABLE ELEVATION (ft msl) – 09-MW10S	09-MW10D	09-PZ4A	09-PZ4B	09-PZ4C	09-MW11S	09-MW4
08/10/93	10:45	1110	1.52	3.12	2.98	3.20	3.08	3.93	6.21
08/10/93	11:00	1125	1.54	3.30	2.98	3.20	3.09	3.94	6.21
08/10/93	11:15	1140	1.56	3.60	2.99	3.20	3.09	3.95	6.22
08/10/93	11:30	1155	1.57	3.56	2.99	3.21	3.10	3.96	6.22
08/10/93	11:45	1170	1.57	3.45	3.00	3.21	3.10	3.98	6.22
08/10/93	12:00	1185	1.59	3.49	3.00	3.22	3.12	3.99	6.23
08/10/93	12:15	1200	1.60	3.47	3.00	3.22	3.13	3.99	6.21
08/10/93	12:30	1215	1.60	3.52	3.00	3.23	3.14	4.00	6.22
08/10/93	12:45	1230	1.63	3.58	3.00	3.24	3.16	4.01	6.21
08/10/93	13:00	1245	1.64	3.64	3.00	3.25	3.17	4.03	6.21
08/10/93	13:15	1260	1.65	3.63	3.00	3.25	3.18	4.04	6.23
08/10/93	13:30	1275	1.67	3.72	3.01	3.26	3.19	4.07	6.23
08/10/93	13:45	1290	1.68	3.74	3.01	3.27	3.21	4.07	6.22
08/10/93	14:00	1305	1.70	3.78	3.02	3.28	3.22	4.07	6.21
08/10/93	14:15	1320	1.74	3.78	3.03	3.28	3.23	4.10	6.22
08/10/93	14:30	1335	1.74	3.78	3.02	3.29	3.24	4.11	6.20
08/10/93	14:45	1350	1.76	3.74	3.02	3.29	3.24	4.13	6.22
08/10/93	15:00	1365	1.79	3.72	3.03	3.29	3.24	4.14	6.23
08/10/93	15:15	1380	1.77	3.69	3.03	3.30	3.25	4.14	6.23
08/10/93	15:30	1395	1.76	3.65	3.03	3.30	3.25	4.12	6.21
08/10/93	15:45	1410	1.80	3.57	3.03	3.29	3.25	4.13	6.24
08/10/93	16:00	1425	1.78	3.47	3.04	3.29	3.24	4.14	6.23
08/10/93	16:15	1440	1.71	3.38	3.03	3.29	3.23	4.08	6.20
08/10/93	16:30	1455	1.71	3.27	3.03	3.28	3.22	4.07	6.20
08/10/93	16:45	1470	1.78	3.16	3.03	3.28	3.21	4.10	6.24
08/10/93	17:00	1485	1.80	3.07	3.03	3.28	3.20	4.09	6.24
08/10/93	17:15	1500	1.66	2.98	3.02	3.26	3.18	4.03	6.18
08/10/93	17:30	1515	1.68	2.86	3.01	3.26	3.17	4.04	6.21
08/10/93	17:45	1530	1.71	2.78	3.01	3.25	3.16	4.04	6.23
08/10/93	18:00	1545	1.67	2.70	3.01	3.24	3.15	4.03	6.21
08/10/93	18:15	1560	1.72	2.65	3.01	3.24	3.14	4.04	6.23
08/10/93	18:30	1575	1.65	2.58	3.01	3.24	3.13	4.01	6.22
08/10/93	18:45	1590	1.64	2.52	3.01	3.23	3.12	4.00	6.22
08/10/93	19:00	1605	1.63	2.51	3.02	3.23	3.12	3.99	6.22
08/10/93	19:15	1620	1.62	2.49	3.02	3.22	3.11	3.99	6.22
08/10/93	19:30	1635	1.61	2.48	3.02	3.23	3.11	3.98	6.21
08/10/93	19:45	1650	1.61	2.51	3.01	3.23	3.11	3.98	6.22

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 - AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	– WATER TABLE ELEVATION (ft msl) – 09-MW10S	09-MW10D	09-PZ4A	09-PZ4B	09-PZ4C	09-MW11S	09-MW4
08/10/93	20:00	1665	1.60	2.51	3.01	3.22	3.11	3.97	6.22
08/10/93	20:15	1680	1.59	2.53	3.01	3.22	3.11	3.97	6.22
08/10/93	20:30	1695	1.59	2.54	3.01	3.22	3.11	3.96	6.21
08/10/93	20:45	1710	1.58	2.56	3.00	3.22	3.11	3.95	6.21
08/10/93	21:00	1725	1.58	2.57	3.01	3.22	3.11	3.95	6.21
08/10/93	21:15	1740	1.57	2.59	3.01	3.22	3.11	3.95	6.21
08/10/93	21:30	1755	1.57	2.62	3.00	3.22	3.11	3.95	6.21
08/10/93	21:45	1770	1.57	2.62	3.00	3.21	3.11	3.94	6.21
08/10/93	22:00	1785	1.57	2.62	3.00	3.21	3.10	3.94	6.21
08/10/93	22:15	1800	1.57	2.64	3.00	3.21	3.10	3.94	6.21
08/10/93	22:30	1815	1.56	2.62	3.00	3.21	3.10	3.94	6.21
08/10/93	22:45	1830	1.57	2.65	3.00	3.21	3.10	3.94	6.21
08/10/93	23:00	1845	1.57	2.70	3.01	3.21	3.10	3.94	6.21
08/10/93	23:15	1860	1.56	2.72	3.01	3.21	3.10	3.94	6.21
08/10/93	23:30	1875	1.57	2.77	3.02	3.22	3.11	3.94	6.21
08/10/93	23:45	1890	1.59	2.82	3.02	3.22	3.11	3.95	6.21
08/11/93	00:00	1905	1.58	2.89	3.02	3.23	3.12	3.95	6.21
08/11/93	00:15	1920	1.60	2.93	3.02	3.23	3.13	3.96	6.21
08/11/93	00:30	1935	1.59	3.02	3.02	3.24	3.14	3.96	6.21
08/11/93	00:45	1950	1.61	3.07	3.01	3.24	3.14	3.97	6.21
08/11/93	01:00	1965	1.62	3.15	3.02	3.25	3.16	3.98	6.21
08/11/93	01:15	1980	1.63	3.24	3.02	3.26	3.17	3.99	6.21
08/11/93	01:30	1995	1.64	3.29	3.03	3.27	3.18	4.00	6.21
08/11/93	01:45	2010	1.64	3.36	3.03	3.28	3.20	4.01	6.21
08/11/93	02:00	2025	1.67	3.41	3.04	3.28	3.21	4.02	6.21
08/11/93	02:15	2040	1.68	3.43	3.04	3.28	3.22	4.03	6.21
08/11/93	02:30	2055	1.69	3.47	3.05	3.29	3.22	4.04	6.21
08/11/93	02:45	2070	1.70	3.47	3.05	3.29	3.23	4.05	6.21
08/11/93	03:00	2085	1.71	3.46	3.04	3.29	3.23	4.05	6.21
08/11/93	03:15	2100	1.71	3.46	3.04	3.29	3.23	4.06	6.21
08/11/93	03:30	2115	1.72	3.43	3.06	3.29	3.23	4.06	6.21
08/11/93	03:45	2130	1.72	3.37	3.06	3.29	3.23	4.06	6.21
08/11/93	04:00	2145	1.73	3.31	3.07	3.29	3.22	4.06	6.21
08/11/93	04:15	2160	1.72	3.25	3.07	3.28	3.21	4.05	6.21
08/11/93	04:30	2175	1.72	3.17	3.04	3.28	3.20	4.05	6.21
08/11/93	04:45	2190	1.71	3.05	3.01	3.26	3.19	4.04	6.21
08/11/93	05:00	2205	1.70	2.95	3.01	3.25	3.17	4.03	6.21

WATER TABLE ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 - AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

DATE	TIME	ELAPSED TIME (min)	– WATER TABLE ELEVATION (ft msl) – 09-MW10S	09-MW10D	09-PZ4A	09-PZ4B	09-PZ4C	09-MW11S	09-MW4
08/11/93	05:15	2220	1.68	2.85	3.01	3.24	3.16	4.02	6.21
08/11/93	05:30	2235	1.67	2.76	3.02	3.23	3.14	4.01	6.21
08/11/93	05:45	2250	1.65	2.65	3.04	3.22	3.13	4.01	6.21
08/11/93	06:00	2265	1.63	2.55	3.04	3.22	3.11	4.00	6.21
08/11/93	06:15	2280	1.61	2.47	3.03	3.21	3.10	3.98	6.20
08/11/93	06:30	2295	1.60	2.40	3.00	3.21	3.08	3.98	6.20
08/11/93	06:45	2310	1.59	2.31	2.99	3.19	3.07	3.97	6.20
08/11/93	07:00	2325	1.57	2.27	2.98	3.19	3.06	3.96	6.20
08/11/93	07:15	2340	1.56	2.25	2.98	3.19	3.05	3.96	6.20
08/11/93	07:30	2355	1.53	2.22	2.97	3.17	3.05	3.94	6.20
08/11/93	07:45	2370	1.52	2.22	2.97	3.17	3.04	3.94	6.19
08/11/93	08:00	2385	1.53	2.26	2.97	3.18	3.04	3.94	6.19
08/11/93	08:15	2400	1.52	2.29	2.97	3.18	3.04	3.94	6.20
08/11/93	08:30	2415	1.52	2.32	2.96	3.18	3.04	3.93	6.19
08/11/93	08:45	2430	1.51	2.38	2.96	3.19	3.05	3.93	6.19
08/11/93	09:00	2445	1.52	2.43	2.96	3.19	3.05	3.93	6.20
08/11/93	09:15	2460	1.51	2.47	2.96	3.18	3.05	3.92	6.19
08/11/93	09:30	2475	1.48	2.54	2.95	3.19	3.06	3.91	6.17
08/11/93	09:45	2490	1.47	2.59	2.96	3.19	3.06	3.87	6.15
08/11/93	10:00	2505	1.56	2.64	2.98	3.19	3.07	3.94	6.21
08/11/93	10:15	2520	1.51	2.66	2.97	3.19	3.07	3.92	6.19
08/11/93	10:30	2535	1.55	2.66	2.98	3.19	3.08	3.94	6.22
08/11/93	10:45	2550	1.51	2.64	2.96	3.19	3.08	3.91	6.16
08/11/93	11:00	2565	1.46	2.63	2.96	3.19	3.08	3.90	6.16
08/11/93	11:15	2580	1.54	2.67	2.97	3.20	3.09	3.92	6.18
08/11/93	11:30	2595	1.50	2.72	2.97	3.20	3.09	3.93	6.17
08/11/93	11:45	2610	1.64	2.78	3.01	3.21	3.10	4.02	6.26
08/11/93	12:00	2625	1.57	2.81	2.98	3.21	3.10	3.96	6.20
08/11/93	12:15	2640	1.56	2.92	2.97	3.22	3.11	3.95	6.18
08/11/93	12:30	2655	1.65	2.99	2.98	3.22	3.12	4.01	6.23
08/11/93	12:45	2670	1.66	3.07	2.98	3.22	3.13	4.02	6.23
08/11/93	13:00	2685	1.53	3.14	2.98	3.24	3.14	3.95	6.16

APPENDIX N

TIDAL INFLUENCE WATER LEVEL MONITORING EVENTS

HOURLY WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATIONS

HOURLY WATER LEVEL ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBS NO.	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	-- WATER LEVEL ELEVATION (ft msl) -- 09-PZ1A	09-PZ1B	09-PZ1C	09-MW8S	09-MW8D	09-PZ2A	09-PZ2B	09-PZ2C
1	08/04/93	17:00	0	0	2.80	2.95	3.64	2.04	2.15	1.83	2.11	2.38
2	08/04/93	18:00	60	1	2.79	2.81	3.58	2.02	2.38	1.87	2.07	2.35
3	08/04/93	19:00	120	2	2.79	2.84	3.54	2.01	2.68	1.93	2.07	2.39
4	08/04/93	20:00	180	3	2.79	2.94	3.50	2.00	2.99	2.00	2.10	2.49
5	08/04/93	21:00	240	4	2.79	3.03	3.45	2.00	3.26	2.02	2.13	2.64
6	08/04/93	22:00	300	5	2.79	3.13	3.41	2.01	3.46	2.04	2.18	2.82
7	08/04/93	23:00	360	6	2.79	3.23	3.38	2.04	3.39	2.09	2.23	2.92
8	08/05/93	00:00	420	7	2.78	3.27	3.36	2.06	3.13	2.12	2.25	2.94
9	08/05/93	01:00	480	8	2.79	3.25	3.35	2.06	2.70	2.14	2.23	2.85
10	08/05/93	02:00	540	9	2.79	3.14	3.32	2.06	2.22	2.16	2.18	2.70
11	08/05/93	03:00	600	10	2.79	2.95	3.30	2.04	1.97	2.15	2.13	2.55
12	08/05/93	04:00	660	11	2.78	2.83	3.29	2.01	1.94	2.13	2.09	2.42
13	08/05/93	05:00	720	12	2.78	2.73	3.25	1.99	2.03	2.11	2.05	2.33
14	08/05/93	06:00	780	13	2.78	2.71	3.22	1.97	2.21	2.09	2.02	2.28
15	08/05/93	07:00	840	14	2.78	2.70	3.18	1.96	2.41	2.08	2.01	2.28
16	08/05/93	08:00	900	15	2.78	2.75	3.16	1.95	2.70	2.07	2.02	2.33
17	08/05/93	09:00	960	16	2.77	2.84	3.13	1.95	3.07	2.07	2.06	2.47
18	08/05/93	10:00	1020	17	2.77	2.97	3.11	1.96	3.40	2.07	2.11	2.67
19	08/05/93	11:00	1080	18	2.77	3.09	3.07	1.99	3.49	2.10	2.17	2.84
20	08/05/93	12:00	1140	19	2.78	3.24	3.14	2.02	3.31	2.14	2.22	2.92
21	08/05/93	13:00	1200	20	2.78	3.33	3.19	2.04	2.87	2.18	2.23	2.88
22	08/05/93	14:00	1260	21	2.78	3.15	3.08	2.03	2.38	2.16	2.18	2.74
23	08/05/93	15:00	1320	22	2.77	2.99	3.03	2.02	2.05	2.14	2.13	2.59
24	08/05/93	16:00	1380	23	2.78	2.93	3.14	2.01	1.97	2.15	2.10	2.47
25	08/05/93	17:00	1440	24	2.77	2.79	3.08	1.99	2.06	2.12	2.06	2.39
26	08/05/93	18:00	1500	25	2.77	2.74	3.05	1.97	2.19	2.10	2.04	2.33
27	08/05/93	19:00	1560	26	2.77	2.74	3.03	1.96	2.41	2.08	2.02	2.32
28	08/05/93	20:00	1620	27	2.77	2.79	3.01	1.94	2.62	2.05	2.02	2.36
29	08/05/93	21:00	1680	28	2.77	2.85	2.98	1.93	2.86	2.04	2.03	2.45
30	08/05/93	22:00	1740	29	2.77	2.94	2.95	1.94	3.07	2.04	2.06	2.57
31	08/05/93	23:00	1800	30	2.76	3.03	2.94	1.96	3.25	2.06	2.11	2.72
32	08/06/93	00:00	1860	31	2.76	3.12	2.94	1.97	3.22	2.07	2.15	2.81
33	08/06/93	01:00	1920	32	2.76	3.15	2.93	1.98	2.87	2.09	2.15	2.79
34	08/06/93	02:00	1980	33	2.76	3.09	2.91	1.97	2.39	2.10	2.12	2.68
35	08/06/93	03:00	2040	34	2.76	2.95	2.89	1.96	1.99	2.08	2.07	2.53
36	08/06/93	04:00	2100	35	2.76	2.80	2.86	1.94	1.89	2.07	2.03	2.40
37	08/06/93	05:00	2160	36	2.76	2.71	2.85	1.93	1.93	2.05	2.00	2.30
38	08/06/93	06:00	2220	37	2.76	2.63	2.81	1.91	2.04	2.03	1.97	2.24

HOURLY WATER LEVEL ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBS NO.	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	-- WATER LEVEL ELEVATION (ft msl) -- 09-PZ1A	09-PZ1B	09-PZ1C	09-MW8S	09-MW8D	09-PZ2A	09-PZ2B	09-PZ2C
39	08/06/93	07:00	2280	38	2.76	2.60	2.77	1.90	2.21	2.03	1.96	2.21
40	08/06/93	08:00	2340	39	2.75	2.63	2.74	1.88	2.47	2.01	1.95	2.24
41	08/06/93	09:00	2400	40	2.75	2.70	2.73	1.88	2.81	2.00	1.97	2.34
42	08/06/93	10:00	2460	41	2.75	2.83	2.75	1.89	3.16	2.01	2.02	2.50

HOURLY WATER LEVEL ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBS NO.	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	-- WATER LEVEL ELEVATION (ft msl) -- 09-PZ3A	09-PZ3B	09-PZ3C	09-MW7S	09-MW7D	09-MW3	09-MW2
1	08/06/93	12:30	0	0	2.36	2.13	2.58	4.70	3.61	3.77	3.24
2	08/06/93	13:30	60	1	2.36	2.04	2.51	4.69	3.50	3.85	3.16
3	08/06/93	14:30	120	2	2.36	1.89	2.41	4.70	3.30	3.75	3.14
4	08/06/93	15:30	180	3	2.35	1.69	2.34	4.70	3.04	3.63	3.13
5	08/06/93	16:30	240	4	2.33	1.52	2.27	4.70	2.83	3.51	3.12
6	08/06/93	17:30	300	5	2.32	1.42	2.17	4.69	2.74	3.43	3.12
7	08/06/93	18:30	360	6	2.30	1.40	2.10	4.69	2.75	3.38	3.12
8	08/06/93	19:30	420	7	2.29	1.42	2.06	4.69	2.83	3.39	3.12
9	08/06/93	20:30	480	8	2.28	1.49	2.00	4.69	2.94	3.43	3.12
10	08/06/93	21:30	540	9	2.28	1.60	1.98	4.69	3.08	3.49	3.12
11	08/06/93	22:30	600	10	2.29	1.76	1.99	4.70	3.25	3.56	3.12
12	08/06/93	23:30	660	11	2.31	1.95	2.02	4.70	3.44	3.66	3.12
13	08/07/93	00:30	720	12	2.33	2.09	2.04	4.70	3.58	3.76	3.12
14	08/07/93	01:30	780	13	2.35	2.09	2.09	4.69	3.57	3.82	3.12
15	08/07/93	02:30	840	14	2.35	1.95	2.02	4.69	3.38	3.79	3.12
16	08/07/93	03:30	900	15	2.34	1.72	1.94	4.70	3.09	3.66	3.12
17	08/07/93	04:30	960	16	2.32	1.52	1.87	4.69	2.82	3.53	3.12
18	08/07/93	05:30	1020	17	2.31	1.41	1.83	4.68	2.71	3.42	3.12
19	08/07/93	06:30	1080	18	2.29	1.40	1.81	4.68	2.74	3.38	3.12
20	08/07/93	07:30	1140	19	2.28	1.46	1.81	4.68	-4.93 *	3.42	3.12
21	08/07/93	08:30	1200	20	2.28	1.53	1.82	4.68	-4.93 *	3.49	3.12
22	08/07/93	09:30	1260	21	2.27	1.65	1.81	4.67	-4.93 *	3.50	3.12
23	08/07/93	10:30	1320	22	2.28	1.80	1.86	4.67	-4.93 *	3.61	3.12
24	08/07/93	11:30	1380	23	2.30	1.98	1.90	4.67	-4.93 *	3.69	3.12
25	08/07/93	12:30	1440	24	2.32	2.14	1.94	4.68	-4.93 *	3.81	3.12
26	08/07/93	13:30	1500	25	2.36	2.21	1.94	4.68	-4.93 *	3.81	3.11
27	08/07/93	14:30	1560	26	2.37	2.14	1.87	4.67	-4.93 *	3.88	3.11
28	08/07/93	15:30	1620	27	2.37	1.96	1.82	4.68	-4.93 *	3.76	3.10
29	08/07/93	16:30	1680	28	2.36	1.76	1.80	4.67	-4.93 *	3.63	3.10
30	08/07/93	17:30	1740	29	2.35	1.62	1.81	4.67	-4.93 *	3.55	3.09
31	08/07/93	18:30	1800	30	2.33	1.55	1.77	4.67	-4.93 *	3.46	3.09
32	08/07/93	19:30	1860	31	2.32	1.54	1.77	4.66	-4.93 *	3.43	3.08
33	08/07/93	20:30	1920	32	2.31	1.57	1.77	4.66	-4.93 *	3.45	3.08
34	08/07/93	21:30	1980	33	2.31	1.63	1.72	4.66	-4.93 *	3.47	3.08
35	08/07/93	22:30	2040	34	2.31	1.72	1.73	4.66	-4.93 *	3.53	3.08
36	08/07/93	23:30	2100	35	2.31	1.84	1.76	4.66	-4.93 *	3.60	3.08
37	08/08/93	00:30	2160	36	2.33	1.97	1.79	4.66	-4.93 *	3.66	3.08
38	08/08/93	01:30	2220	37	2.34	2.02	1.79	4.66	-4.93 *	3.71	3.08

HOURLY WATER LEVEL ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBS NO.	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	-- WATER LEVEL ELEVATION (ft msl) -- 09–PZ3A	09–PZ3B	09–PZ3C	09–MW7S	09–MW7D	09–MW3	09–MW2
39	08/08/93	02:30	2280	38	2.35	1.96	1.80	4.66	–4.93 *	3.72	3.09
40	08/08/93	03:30	2340	39	2.35	1.78	1.72	4.66	–4.93 *	3.66	3.09
41	08/08/93	04:30	2400	40	2.33	1.57	1.65	4.66	–4.93 *	3.55	3.09
42	08/08/93	05:30	2460	41	2.31	1.42	1.58	4.65	–4.93 *	3.43	3.08
43	08/08/93	06:30	2520	42	2.29	1.35	1.54	4.65	–4.93 *	3.36	3.08
44	08/08/93	07:30	2580	43	2.27	1.32	1.53	4.65	–4.93 *	3.34	3.08
45	08/08/93	08:30	2640	44	2.26	1.35	1.52	4.64	–4.93 *	3.35	3.08
46	08/08/93	09:30	2700	45	2.25	1.42	1.50	4.64	–4.93 *	3.37	3.08
47	08/08/93	10:30	2760	46	2.25	1.55	1.61	4.64	–4.93 *	3.49	3.08
48	08/08/93	11:30	2820	47	2.26	1.72	1.70	4.65	–4.93 *	3.67	3.08
49	08/08/93	12:30	2880	48	2.27	1.88	1.72	4.65	–4.93 *	3.66	3.08
50	08/08/93	13:30	2940	49	2.29	1.98	1.83	4.64	–4.93 *	3.72	3.07
51	08/08/93	14:30	3000	50	2.31	1.99	1.73	4.65	–4.93 *	3.75	3.07
52	08/08/93	15:30	3060	51	2.31	1.88	1.67	4.65	–4.93 *	3.70	3.07
53	08/08/93	16:30	3120	52	2.30	1.71	1.63	4.64	–4.93 *	3.63	3.07
54	08/08/93	17:30	3180	53	2.29	1.55	1.66	4.64	–4.93 *	3.56	3.07
55	08/08/93	18:30	3240	54	2.27	1.44	1.58	4.64	–4.93 *	3.44	3.06
56	08/08/93	19:30	3300	55	2.26	1.41	1.57	4.64	–4.93 *	3.39	3.06
57	08/08/93	20:30	3360	56	2.24	1.40	1.59	4.63	–4.93 *	3.37	3.05
58	08/08/93	21:30	3420	57	2.24	1.42	1.55	4.63	–4.93 *	3.40	3.06
59	08/08/93	22:30	3480	58	2.23	1.46	1.54	4.63	–4.93 *	3.42	3.05
60	08/08/93	23:30	3540	59	2.23	1.57	1.55	4.63	–4.93 *	3.47	3.06
61	08/09/93	00:30	3600	60	2.24	1.71	1.61	4.63	–4.93 *	3.54	3.06
62	08/09/93	01:30	3660	61	2.24	1.82	1.64	4.63	–4.93 *	3.61	3.06
63	08/09/93	02:30	3720	62	2.25	1.84	1.66	4.63	–4.93 *	3.65	3.06
64	08/09/93	03:30	3780	63	2.25	1.72	1.61	4.63	–4.93 *	3.63	3.06
65	08/09/93	04:30	3840	64	2.24	1.54	1.56	4.63	–4.93 *	3.55	3.06
66	08/09/93	05:30	3900	65	2.23	1.36	1.50	4.63	–4.93 *	3.44	3.06
67	08/09/93	06:30	3960	66	2.21	1.26	1.43	4.62	–4.93 *	3.35	3.06
68	08/09/93	07:30	4020	67	2.20	1.22	1.37	4.62	–4.93 *	3.30	3.06
69	08/09/93	08:30	4080	68	2.18	1.22	1.36	4.62	–4.93 *	3.29	3.05
70	08/09/93	09:30	4140	69	2.18	1.26	1.39	4.62	–4.93 *	3.34	3.05
71	08/09/93	10:30	4200	70	2.18	1.34	1.44	4.62	–4.93 *	3.42	3.06
72	08/09/93	11:30	4260	71	2.17	1.46	1.49	4.62	–4.93 *	3.43	3.05
73	08/09/93	12:30	4320	72	2.17	1.61	1.55	4.62	–4.93 *	3.49	3.05
74	08/09/93	13:30	4380	73	2.18	1.76	1.60	4.62	–4.93 *	3.59	3.05

NOTE: * TRANSDUCER CABLE FROM 09–MW7D WAS SEVERED BY AN ANIMAL BETWEEN 1110 AND 1125 MINUTES.

HOURLY WATER LEVEL ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBS NO.	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	-- WATER LEVEL ELEVATION (ft msl) -- 09-MW10S	09-MW10D	09-PZ4A	09-PZ4B	09-PZ4C	09-MW11S	09-MW4
1	08/09/93	16:15	0	0	1.82	3.00	3.04	3.31	3.51	4.10	6.26
2	08/09/93	17:15	60	1	1.71	2.56	3.03	3.25	3.25	4.05	6.24
3	08/09/93	18:15	120	2	1.64	2.31	2.99	3.23	3.14	4.01	6.24
4	08/09/93	19:15	180	3	1.60	2.31	2.99	3.22	3.11	3.99	6.24
5	08/09/93	20:15	240	4	1.58	2.46	3.03	3.22	3.11	3.97	6.24
6	08/09/93	21:15	300	5	1.58	2.56	3.02	3.22	3.11	3.96	6.24
7	08/09/93	22:15	360	6	1.58	2.69	3.01	3.22	3.11	3.96	6.24
8	08/09/93	23:15	420	7	1.61	2.91	3.01	3.23	3.13	3.98	6.24
9	08/10/93	00:15	480	8	1.64	3.20	3.03	3.26	3.17	4.00	6.24
10	08/10/93	01:15	540	9	1.69	3.36	3.04	3.27	3.20	4.04	6.24
11	08/10/93	02:15	600	10	1.72	3.38	3.03	3.28	3.22	4.07	6.23
12	08/10/93	03:15	660	11	1.74	3.19	3.02	3.27	3.20	4.07	6.23
13	08/10/93	04:15	720	12	1.69	2.85	3.01	3.24	3.16	4.03	6.23
14	08/10/93	05:15	780	13	1.64	2.50	3.03	3.21	3.10	4.00	6.23
15	08/10/93	06:15	840	14	1.58	2.23	3.01	3.19	3.05	3.97	6.23
16	08/10/93	07:15	900	15	1.52	2.16	2.99	3.17	3.03	3.95	6.23
17	08/10/93	08:15	960	16	1.51	2.30	2.98	3.18	3.03	3.94	6.23
18	08/10/93	09:15	1020	17	1.51	2.52	2.99	3.19	3.05	3.93	6.23
19	08/10/93	10:15	1080	18	1.52	2.76	2.99	3.19	3.07	3.93	6.22
20	08/10/93	11:15	1140	19	1.56	3.60	2.99	3.20	3.09	3.95	6.22
21	08/10/93	12:15	1200	20	1.60	3.47	3.00	3.22	3.13	3.99	6.21
22	08/10/93	13:15	1260	21	1.65	3.63	3.00	3.25	3.18	4.04	6.23
23	08/10/93	14:15	1320	22	1.74	3.78	3.03	3.28	3.23	4.10	6.22
24	08/10/93	15:15	1380	23	1.77	3.69	3.03	3.30	3.25	4.14	6.23
25	08/10/93	16:15	1440	24	1.71	3.38	3.03	3.29	3.23	4.08	6.20
26	08/10/93	17:15	1500	25	1.66	2.98	3.02	3.26	3.18	4.03	6.18
27	08/10/93	18:15	1560	26	1.72	2.65	3.01	3.24	3.14	4.04	6.23
28	08/10/93	19:15	1620	27	1.62	2.49	3.02	3.22	3.11	3.99	6.22
29	08/10/93	20:15	1680	28	1.59	2.53	3.01	3.22	3.11	3.97	6.22
30	08/10/93	21:15	1740	29	1.57	2.59	3.01	3.22	3.11	3.95	6.21
31	08/10/93	22:15	1800	30	1.57	2.64	3.00	3.21	3.10	3.94	6.21
32	08/10/93	23:15	1860	31	1.56	2.72	3.01	3.21	3.10	3.94	6.21
33	08/11/93	00:15	1920	32	1.60	2.93	3.02	3.23	3.13	3.96	6.21
34	08/11/93	01:15	1980	33	1.63	3.24	3.02	3.26	3.17	3.99	6.21
35	08/11/93	02:15	2040	34	1.68	3.43	3.04	3.28	3.22	4.03	6.21
36	08/11/93	03:15	2100	35	1.71	3.46	3.04	3.29	3.23	4.06	6.21
37	08/11/93	04:15	2160	36	1.72	3.25	3.07	3.28	3.21	4.05	6.21
38	08/11/93	05:15	2220	37	1.68	2.85	3.01	3.24	3.16	4.02	6.21

HOURLY WATER LEVEL ELEVATION DATA
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBS NO.	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	-- WATER LEVEL ELEVATION (ft msl) -- 09–MW10S	09–MW10D	09–PZ4A	09–PZ4B	09–PZ4C	09–MW11S	09–MW4
39	08/11/93	06:15	2280	38	1.61	2.47	3.03	3.21	3.10	3.98	6.20
40	08/11/93	07:15	2340	39	1.56	2.25	2.98	3.19	3.05	3.96	6.20
41	08/11/93	08:15	2400	40	1.52	2.29	2.97	3.18	3.04	3.94	6.20
42	08/11/93	09:15	2460	41	1.51	2.47	2.96	3.18	3.05	3.92	6.19
43	08/11/93	10:15	2520	42	1.51	2.66	2.97	3.19	3.07	3.92	6.19
44	08/11/93	11:15	2580	43	1.54	2.67	2.97	3.20	3.09	3.92	6.18
45	08/11/93	12:15	2640	44	1.56	2.92	2.97	3.22	3.11	3.95	6.18

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW8S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW8S	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
1	08/04/93	17:00	0	0	2.04	2.01	1.96
2	08/04/93	18:00	60	1	2.02	AVERAGE OF MEANS:	1.98
3	08/04/93	19:00	120	2	2.01		
4	08/04/93	20:00	180	3	2.00		
5	08/04/93	21:00	240	4	2.00		
6	08/04/93	22:00	300	5	2.01		
7	08/04/93	23:00	360	6	2.04		
8	08/05/93	00:00	420	7	2.06		
9	08/05/93	01:00	480	8	2.06		
10	08/05/93	02:00	540	9	2.06		
11	08/05/93	03:00	600	10	2.04		
12	08/05/93	04:00	660	11	2.01		
13	08/05/93	05:00	720	12	1.99		
14	08/05/93	06:00	780	13	1.97		
15	08/05/93	07:00	840	14	1.96		
16	08/05/93	08:00	900	15	1.95		
17	08/05/93	09:00	960	16	1.95		
18	08/05/93	10:00	1020	17	1.96		
19	08/05/93	11:00	1080	18	1.99		
20	08/05/93	12:00	1140	19	2.02		
21	08/05/93	13:00	1200	20	2.04		
22	08/05/93	14:00	1260	21	2.03		
23	08/05/93	15:00	1320	22	2.02		
24	08/05/93	16:00	1380	23	2.01		
25	08/05/93	17:00	1440	24	1.99		
26	08/05/93	18:00	1500	25	1.97		
27	08/05/93	19:00	1560	26	1.96		
28	08/05/93	20:00	1620	27	1.94		
29	08/05/93	21:00	1680	28	1.93		
30	08/05/93	22:00	1740	29	1.94		
31	08/05/93	23:00	1800	30	1.96		
32	08/06/93	00:00	1860	31	1.97		
33	08/06/93	01:00	1920	32	1.98		
34	08/06/93	02:00	1980	33	1.97		
35	08/06/93	03:00	2040	34	1.96		
36	08/06/93	04:00	2100	35	1.94		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW8S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW8S	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
37	08/06/93	05:00	2160	36	1.93		
38	08/06/93	06:00	2220	37	1.91		
39	08/06/93	07:00	2280	38	1.90		
40	08/06/93	08:00	2340	39	1.88		
41	08/06/93	09:00	2400	40	1.88		
42	08/06/93	10:00	2460	41	1.89		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW8D
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW8D	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
1	08/04/93	17:00	0	0	2.15	2.65	2.60
2	08/04/93	18:00	60	1	2.38	AVERAGE OF MEANS:	2.62
3	08/04/93	19:00	120	2	2.68		
4	08/04/93	20:00	180	3	2.99		
5	08/04/93	21:00	240	4	3.26		
6	08/04/93	22:00	300	5	3.46		
7	08/04/93	23:00	360	6	3.39		
8	08/05/93	00:00	420	7	3.13		
9	08/05/93	01:00	480	8	2.70		
10	08/05/93	02:00	540	9	2.22		
11	08/05/93	03:00	600	10	1.97		
12	08/05/93	04:00	660	11	1.94		
13	08/05/93	05:00	720	12	2.03		
14	08/05/93	06:00	780	13	2.21		
15	08/05/93	07:00	840	14	2.41		
16	08/05/93	08:00	900	15	2.70		
17	08/05/93	09:00	960	16	3.07		
18	08/05/93	10:00	1020	17	3.40		
19	08/05/93	11:00	1080	18	3.49		
20	08/05/93	12:00	1140	19	3.31		
21	08/05/93	13:00	1200	20	2.87		
22	08/05/93	14:00	1260	21	2.38		
23	08/05/93	15:00	1320	22	2.05		
24	08/05/93	16:00	1380	23	1.97		
25	08/05/93	17:00	1440	24	2.06		
26	08/05/93	18:00	1500	25	2.19		
27	08/05/93	19:00	1560	26	2.41		
28	08/05/93	20:00	1620	27	2.62		
29	08/05/93	21:00	1680	28	2.86		
30	08/05/93	22:00	1740	29	3.07		
31	08/05/93	23:00	1800	30	3.25		
32	08/06/93	00:00	1860	31	3.22		
33	08/06/93	01:00	1920	32	2.87		
34	08/06/93	02:00	1980	33	2.39		
35	08/06/93	03:00	2040	34	1.99		
36	08/06/93	04:00	2100	35	1.89		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW8D
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW8D	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
37	08/06/93	05:00	2160	36	1.93		
38	08/06/93	06:00	2220	37	2.04		
39	08/06/93	07:00	2280	38	2.21		
40	08/06/93	08:00	2340	39	2.47		
41	08/06/93	09:00	2400	40	2.81		
42	08/06/93	10:00	2460	41	3.16		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ1A
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ1A	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
1	08/04/93	17:00	0	0	2.80	2.78	2.76
2	08/04/93	18:00	60	1	2.79	AVERAGE OF MEANS:	2.77
3	08/04/93	19:00	120	2	2.79		
4	08/04/93	20:00	180	3	2.79		
5	08/04/93	21:00	240	4	2.79		
6	08/04/93	22:00	300	5	2.79		
7	08/04/93	23:00	360	6	2.79		
8	08/05/93	00:00	420	7	2.78		
9	08/05/93	01:00	480	8	2.79		
10	08/05/93	02:00	540	9	2.79		
11	08/05/93	03:00	600	10	2.79		
12	08/05/93	04:00	660	11	2.78		
13	08/05/93	05:00	720	12	2.78		
14	08/05/93	06:00	780	13	2.78		
15	08/05/93	07:00	840	14	2.78		
16	08/05/93	08:00	900	15	2.78		
17	08/05/93	09:00	960	16	2.77		
18	08/05/93	10:00	1020	17	2.77		
19	08/05/93	11:00	1080	18	2.77		
20	08/05/93	12:00	1140	19	2.78		
21	08/05/93	13:00	1200	20	2.78		
22	08/05/93	14:00	1260	21	2.78		
23	08/05/93	15:00	1320	22	2.77		
24	08/05/93	16:00	1380	23	2.78		
25	08/05/93	17:00	1440	24	2.77		
26	08/05/93	18:00	1500	25	2.77		
27	08/05/93	19:00	1560	26	2.77		
28	08/05/93	20:00	1620	27	2.77		
29	08/05/93	21:00	1680	28	2.77		
30	08/05/93	22:00	1740	29	2.77		
31	08/05/93	23:00	1800	30	2.76		
32	08/06/93	00:00	1860	31	2.76		
33	08/06/93	01:00	1920	32	2.76		
34	08/06/93	02:00	1980	33	2.76		
35	08/06/93	03:00	2040	34	2.76		
36	08/06/93	04:00	2100	35	2.76		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ1A
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ1A	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
37	08/06/93	05:00	2160	36	2.76		
38	08/06/93	06:00	2220	37	2.76		
39	08/06/93	07:00	2280	38	2.76		
40	08/06/93	08:00	2340	39	2.75		
41	08/06/93	09:00	2400	40	2.75		
42	08/06/93	10:00	2460	41	2.75		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ1B
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ1B	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
1	08/04/93	17:00	0	0	2.95	2.98	2.91
2	08/04/93	18:00	60	1	2.81	AVERAGE OF MEANS:	2.95
3	08/04/93	19:00	120	2	2.84		
4	08/04/93	20:00	180	3	2.94		
5	08/04/93	21:00	240	4	3.03		
6	08/04/93	22:00	300	5	3.13		
7	08/04/93	23:00	360	6	3.23		
8	08/05/93	00:00	420	7	3.27		
9	08/05/93	01:00	480	8	3.25		
10	08/05/93	02:00	540	9	3.14		
11	08/05/93	03:00	600	10	2.95		
12	08/05/93	04:00	660	11	2.83		
13	08/05/93	05:00	720	12	2.73		
14	08/05/93	06:00	780	13	2.71		
15	08/05/93	07:00	840	14	2.70		
16	08/05/93	08:00	900	15	2.75		
17	08/05/93	09:00	960	16	2.84		
18	08/05/93	10:00	1020	17	2.97		
19	08/05/93	11:00	1080	18	3.09		
20	08/05/93	12:00	1140	19	3.24		
21	08/05/93	13:00	1200	20	3.33		
22	08/05/93	14:00	1260	21	3.15		
23	08/05/93	15:00	1320	22	2.99		
24	08/05/93	16:00	1380	23	2.93		
25	08/05/93	17:00	1440	24	2.79		
26	08/05/93	18:00	1500	25	2.74		
27	08/05/93	19:00	1560	26	2.74		
28	08/05/93	20:00	1620	27	2.79		
29	08/05/93	21:00	1680	28	2.85		
30	08/05/93	22:00	1740	29	2.94		
31	08/05/93	23:00	1800	30	3.03		
32	08/06/93	00:00	1860	31	3.12		
33	08/06/93	01:00	1920	32	3.15		
34	08/06/93	02:00	1980	33	3.09		
35	08/06/93	03:00	2040	34	2.95		
36	08/06/93	04:00	2100	35	2.80		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ1B
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ1B	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
37	08/06/93	05:00	2160	36	2.71		
38	08/06/93	06:00	2220	37	2.63		
39	08/06/93	07:00	2280	38	2.60		
40	08/06/93	08:00	2340	39	2.63		
41	08/06/93	09:00	2400	40	2.70		
42	08/06/93	10:00	2460	41	2.83		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ1C
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ1C	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
1	08/04/93	17:00	0	0	3.64	3.28	2.96
2	08/04/93	18:00	60	1	3.58	AVERAGE OF MEANS:	3.12
3	08/04/93	19:00	120	2	3.54		
4	08/04/93	20:00	180	3	3.50		
5	08/04/93	21:00	240	4	3.45		
6	08/04/93	22:00	300	5	3.41		
7	08/04/93	23:00	360	6	3.38		
8	08/05/93	00:00	420	7	3.36		
9	08/05/93	01:00	480	8	3.35		
10	08/05/93	02:00	540	9	3.32		
11	08/05/93	03:00	600	10	3.30		
12	08/05/93	04:00	660	11	3.29		
13	08/05/93	05:00	720	12	3.25		
14	08/05/93	06:00	780	13	3.22		
15	08/05/93	07:00	840	14	3.18		
16	08/05/93	08:00	900	15	3.16		
17	08/05/93	09:00	960	16	3.13		
18	08/05/93	10:00	1020	17	3.11		
19	08/05/93	11:00	1080	18	3.07		
20	08/05/93	12:00	1140	19	3.14		
21	08/05/93	13:00	1200	20	3.19		
22	08/05/93	14:00	1260	21	3.08		
23	08/05/93	15:00	1320	22	3.03		
24	08/05/93	16:00	1380	23	3.14		
25	08/05/93	17:00	1440	24	3.08		
26	08/05/93	18:00	1500	25	3.05		
27	08/05/93	19:00	1560	26	3.03		
28	08/05/93	20:00	1620	27	3.01		
29	08/05/93	21:00	1680	28	2.98		
30	08/05/93	22:00	1740	29	2.95		
31	08/05/93	23:00	1800	30	2.94		
32	08/06/93	00:00	1860	31	2.94		
33	08/06/93	01:00	1920	32	2.93		
34	08/06/93	02:00	1980	33	2.91		
35	08/06/93	03:00	2040	34	2.89		
36	08/06/93	04:00	2100	35	2.86		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ1C
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ1C	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
37	08/06/93	05:00	2160	36	2.85		
38	08/06/93	06:00	2220	37	2.81		
39	08/06/93	07:00	2280	38	2.77		
40	08/06/93	08:00	2340	39	2.74		
41	08/06/93	09:00	2400	40	2.73		
42	08/06/93	10:00	2460	41	2.75		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ2A
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ2A	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
1	08/04/93	17:00	0	0	1.83	2.08	2.08
2	08/04/93	18:00	60	1	1.87	AVERAGE OF MEANS:	2.08
3	08/04/93	19:00	120	2	1.93		
4	08/04/93	20:00	180	3	2.00		
5	08/04/93	21:00	240	4	2.02		
6	08/04/93	22:00	300	5	2.04		
7	08/04/93	23:00	360	6	2.09		
8	08/05/93	00:00	420	7	2.12		
9	08/05/93	01:00	480	8	2.14		
10	08/05/93	02:00	540	9	2.16		
11	08/05/93	03:00	600	10	2.15		
12	08/05/93	04:00	660	11	2.13		
13	08/05/93	05:00	720	12	2.11		
14	08/05/93	06:00	780	13	2.09		
15	08/05/93	07:00	840	14	2.08		
16	08/05/93	08:00	900	15	2.07		
17	08/05/93	09:00	960	16	2.07		
18	08/05/93	10:00	1020	17	2.07		
19	08/05/93	11:00	1080	18	2.10		
20	08/05/93	12:00	1140	19	2.14		
21	08/05/93	13:00	1200	20	2.18		
22	08/05/93	14:00	1260	21	2.16		
23	08/05/93	15:00	1320	22	2.14		
24	08/05/93	16:00	1380	23	2.15		
25	08/05/93	17:00	1440	24	2.12		
26	08/05/93	18:00	1500	25	2.10		
27	08/05/93	19:00	1560	26	2.08		
28	08/05/93	20:00	1620	27	2.05		
29	08/05/93	21:00	1680	28	2.04		
30	08/05/93	22:00	1740	29	2.04		
31	08/05/93	23:00	1800	30	2.06		
32	08/06/93	00:00	1860	31	2.07		
33	08/06/93	01:00	1920	32	2.09		
34	08/06/93	02:00	1980	33	2.10		
35	08/06/93	03:00	2040	34	2.08		
36	08/06/93	04:00	2100	35	2.07		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ2A
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ2A	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
37	08/06/93	05:00	2160	36	2.05		
38	08/06/93	06:00	2220	37	2.03		
39	08/06/93	07:00	2280	38	2.03		
40	08/06/93	08:00	2340	39	2.01		
41	08/06/93	09:00	2400	40	2.00		
42	08/06/93	10:00	2460	41	2.01		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ2B
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ2B	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
1	08/04/93	17:00	0	0	2.11	2.13	2.07
2	08/04/93	18:00	60	1	2.07	AVERAGE OF MEANS:	2.10
3	08/04/93	19:00	120	2	2.07		
4	08/04/93	20:00	180	3	2.10		
5	08/04/93	21:00	240	4	2.13		
6	08/04/93	22:00	300	5	2.18		
7	08/04/93	23:00	360	6	2.23		
8	08/05/93	00:00	420	7	2.25		
9	08/05/93	01:00	480	8	2.23		
10	08/05/93	02:00	540	9	2.18		
11	08/05/93	03:00	600	10	2.13		
12	08/05/93	04:00	660	11	2.09		
13	08/05/93	05:00	720	12	2.05		
14	08/05/93	06:00	780	13	2.02		
15	08/05/93	07:00	840	14	2.01		
16	08/05/93	08:00	900	15	2.02		
17	08/05/93	09:00	960	16	2.06		
18	08/05/93	10:00	1020	17	2.11		
19	08/05/93	11:00	1080	18	2.17		
20	08/05/93	12:00	1140	19	2.22		
21	08/05/93	13:00	1200	20	2.23		
22	08/05/93	14:00	1260	21	2.18		
23	08/05/93	15:00	1320	22	2.13		
24	08/05/93	16:00	1380	23	2.10		
25	08/05/93	17:00	1440	24	2.06		
26	08/05/93	18:00	1500	25	2.04		
27	08/05/93	19:00	1560	26	2.02		
28	08/05/93	20:00	1620	27	2.02		
29	08/05/93	21:00	1680	28	2.03		
30	08/05/93	22:00	1740	29	2.06		
31	08/05/93	23:00	1800	30	2.11		
32	08/06/93	00:00	1860	31	2.15		
33	08/06/93	01:00	1920	32	2.15		
34	08/06/93	02:00	1980	33	2.12		
35	08/06/93	03:00	2040	34	2.07		
36	08/06/93	04:00	2100	35	2.03		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ2B
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ2B	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
37	08/06/93	05:00	2160	36	2.00		
38	08/06/93	06:00	2220	37	1.97		
39	08/06/93	07:00	2280	38	1.96		
40	08/06/93	08:00	2340	39	1.95		
41	08/06/93	09:00	2400	40	1.97		
42	08/06/93	10:00	2460	41	2.02		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ2C
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ2C	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
1	08/04/93	17:00	0	0	2.38	2.59	2.53
2	08/04/93	18:00	60	1	2.35	AVERAGE OF MEANS:	2.56
3	08/04/93	19:00	120	2	2.39		
4	08/04/93	20:00	180	3	2.49		
5	08/04/93	21:00	240	4	2.64		
6	08/04/93	22:00	300	5	2.82		
7	08/04/93	23:00	360	6	2.92		
8	08/05/93	00:00	420	7	2.94		
9	08/05/93	01:00	480	8	2.85		
10	08/05/93	02:00	540	9	2.70		
11	08/05/93	03:00	600	10	2.55		
12	08/05/93	04:00	660	11	2.42		
13	08/05/93	05:00	720	12	2.33		
14	08/05/93	06:00	780	13	2.28		
15	08/05/93	07:00	840	14	2.28		
16	08/05/93	08:00	900	15	2.33		
17	08/05/93	09:00	960	16	2.47		
18	08/05/93	10:00	1020	17	2.67		
19	08/05/93	11:00	1080	18	2.84		
20	08/05/93	12:00	1140	19	2.92		
21	08/05/93	13:00	1200	20	2.88		
22	08/05/93	14:00	1260	21	2.74		
23	08/05/93	15:00	1320	22	2.59		
24	08/05/93	16:00	1380	23	2.47		
25	08/05/93	17:00	1440	24	2.39		
26	08/05/93	18:00	1500	25	2.33		
27	08/05/93	19:00	1560	26	2.32		
28	08/05/93	20:00	1620	27	2.36		
29	08/05/93	21:00	1680	28	2.45		
30	08/05/93	22:00	1740	29	2.57		
31	08/05/93	23:00	1800	30	2.72		
32	08/06/93	00:00	1860	31	2.81		
33	08/06/93	01:00	1920	32	2.79		
34	08/06/93	02:00	1980	33	2.68		
35	08/06/93	03:00	2040	34	2.53		
36	08/06/93	04:00	2100	35	2.40		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ2C
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 1
AUGUST 4, 1993 – AUGUST 6, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ2C	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 17 – 41
37	08/06/93	05:00	2160	36	2.30		
38	08/06/93	06:00	2220	37	2.24		
39	08/06/93	07:00	2280	38	2.21		
40	08/06/93	08:00	2340	39	2.24		
41	08/06/93	09:00	2400	40	2.34		
42	08/06/93	10:00	2460	41	2.50		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW2S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW2	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
1	08/06/93	12:30	0	0	3.24	3.13	3.11	3.09
2	08/06/93	13:30	60	1	3.16	3.12	3.11	
3	08/06/93	14:30	120	2	3.14	3.12	3.10	
4	08/06/93	15:30	180	3	3.13	3.12	3.10	
5	08/06/93	16:30	240	4	3.12	3.12	3.10	
6	08/06/93	17:30	300	5	3.12	3.12	3.10	
7	08/06/93	18:30	360	6	3.12	3.11	3.10	
8	08/06/93	19:30	420	7	3.12	3.11	3.10	
9	08/06/93	20:30	480	8	3.12	3.11	3.10	
10	08/06/93	21:30	540	9	3.12	3.11	3.09	
11	08/06/93	22:30	600	10	3.12	3.11	3.09	
12	08/06/93	23:30	660	11	3.12	3.11	3.09	
13	08/07/93	00:30	720	12	3.12	3.11	3.09	
14	08/07/93	01:30	780	13	3.12	3.11	3.09	
15	08/07/93	02:30	840	14	3.12	3.10	3.09	
16	08/07/93	03:30	900	15	3.12	3.10	3.09	
17	08/07/93	04:30	960	16	3.12	3.10	3.08	
18	08/07/93	05:30	1020	17	3.12	3.10	3.08	
19	08/07/93	06:30	1080	18	3.12	3.10	3.08	
20	08/07/93	07:30	1140	19	3.12	3.10	3.08	
21	08/07/93	08:30	1200	20	3.12	3.10	3.08	
22	08/07/93	09:30	1260	21	3.12	3.09	3.08	
23	08/07/93	10:30	1320	22	3.12	3.09	3.08	
24	08/07/93	11:30	1380	23	3.12	3.09	3.08	
25	08/07/93	12:30	1440	24	3.12	3.09	3.07	
26	08/07/93	13:30	1500	25	3.11	3.09		
27	08/07/93	14:30	1560	26	3.11	3.09		
28	08/07/93	15:30	1620	27	3.10	3.08		
29	08/07/93	16:30	1680	28	3.10	3.08		
30	08/07/93	17:30	1740	29	3.09	3.08		
31	08/07/93	18:30	1800	30	3.09	3.08		
32	08/07/93	19:30	1860	31	3.08	3.08		
33	08/07/93	20:30	1920	32	3.08	3.08		
34	08/07/93	21:30	1980	33	3.08	3.08		
35	08/07/93	22:30	2040	34	3.08	3.08		
36	08/07/93	23:30	2100	35	3.08	3.07		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW2S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW2	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
37	08/08/93	00:30	2160	36	3.08	3.07		
38	08/08/93	01:30	2220	37	3.08	3.07		
39	08/08/93	02:30	2280	38	3.09	3.07		
40	08/08/93	03:30	2340	39	3.09	3.07		
41	08/08/93	04:30	2400	40	3.09	3.07		
42	08/08/93	05:30	2460	41	3.08	3.07		
43	08/08/93	06:30	2520	42	3.08	3.07		
44	08/08/93	07:30	2580	43	3.08	3.07		
45	08/08/93	08:30	2640	44	3.08	3.06		
46	08/08/93	09:30	2700	45	3.08	3.06		
47	08/08/93	10:30	2760	46	3.08	3.06		
48	08/08/93	11:30	2820	47	3.08	3.06		
49	08/08/93	12:30	2880	48	3.08			
50	08/08/93	13:30	2940	49	3.07			
51	08/08/93	14:30	3000	50	3.07			
52	08/08/93	15:30	3060	51	3.07			
53	08/08/93	16:30	3120	52	3.07			
54	08/08/93	17:30	3180	53	3.07			
55	08/08/93	18:30	3240	54	3.06			
56	08/08/93	19:30	3300	55	3.06			
57	08/08/93	20:30	3360	56	3.05			
58	08/08/93	21:30	3420	57	3.06			
59	08/08/93	22:30	3480	58	3.05			
60	08/08/93	23:30	3540	59	3.06			
61	08/09/93	00:30	3600	60	3.06			
62	08/09/93	01:30	3660	61	3.06			
63	08/09/93	02:30	3720	62	3.06			
64	08/09/93	03:30	3780	63	3.06			
65	08/09/93	04:30	3840	64	3.06			
66	08/09/93	05:30	3900	65	3.06			
67	08/09/93	06:30	3960	66	3.06			
68	08/09/93	07:30	4020	67	3.06			
69	08/09/93	08:30	4080	68	3.05			
70	08/09/93	09:30	4140	69	3.05			
71	08/09/93	10:30	4200	70	3.06			
72	08/09/93	11:30	4260	71	3.05			

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW3D
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW3	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
1	08/06/93	12:30	0	0	3.77	3.58	3.59	3.57
2	08/06/93	13:30	60	1	3.85	3.58	3.59	
3	08/06/93	14:30	120	2	3.75	3.58	3.59	
4	08/06/93	15:30	180	3	3.63	3.58	3.59	
5	08/06/93	16:30	240	4	3.51	3.59	3.59	
6	08/06/93	17:30	300	5	3.43	3.60	3.59	
7	08/06/93	18:30	360	6	3.38	3.60	3.58	
8	08/06/93	19:30	420	7	3.39	3.60	3.58	
9	08/06/93	20:30	480	8	3.43	3.61	3.58	
10	08/06/93	21:30	540	9	3.49	3.61	3.58	
11	08/06/93	22:30	600	10	3.56	3.61	3.58	
12	08/06/93	23:30	660	11	3.66	3.60	3.57	
13	08/07/93	00:30	720	12	3.76	3.60	3.57	
14	08/07/93	01:30	780	13	3.82	3.60	3.57	
15	08/07/93	02:30	840	14	3.79	3.59	3.56	
16	08/07/93	03:30	900	15	3.66	3.59	3.56	
17	08/07/93	04:30	960	16	3.53	3.59	3.56	
18	08/07/93	05:30	1020	17	3.42	3.59	3.56	
19	08/07/93	06:30	1080	18	3.38	3.59	3.55	
20	08/07/93	07:30	1140	19	3.42	3.59	3.55	
21	08/07/93	08:30	1200	20	3.49	3.59	3.55	
22	08/07/93	09:30	1260	21	3.50	3.58	3.54	
23	08/07/93	10:30	1320	22	3.61	3.58	3.54	
24	08/07/93	11:30	1380	23	3.69	3.57	3.54	
25	08/07/93	12:30	1440	24	3.81	3.57	3.54	
26	08/07/93	13:30	1500	25	3.81	3.56		
27	08/07/93	14:30	1560	26	3.88	3.56		
28	08/07/93	15:30	1620	27	3.76	3.55		
29	08/07/93	16:30	1680	28	3.63	3.55		
30	08/07/93	17:30	1740	29	3.55	3.55		
31	08/07/93	18:30	1800	30	3.46	3.55		
32	08/07/93	19:30	1860	31	3.43	3.55		
33	08/07/93	20:30	1920	32	3.45	3.55		
34	08/07/93	21:30	1980	33	3.47	3.55		
35	08/07/93	22:30	2040	34	3.53	3.54		
36	08/07/93	23:30	2100	35	3.60	3.54		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW3D
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW3	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
37	08/08/93	00:30	2160	36	3.66	3.53		
38	08/08/93	01:30	2220	37	3.71	3.53		
39	08/08/93	02:30	2280	38	3.72	3.52		
40	08/08/93	03:30	2340	39	3.66	3.52		
41	08/08/93	04:30	2400	40	3.55	3.52		
42	08/08/93	05:30	2460	41	3.43	3.52		
43	08/08/93	06:30	2520	42	3.36	3.52		
44	08/08/93	07:30	2580	43	3.34	3.52		
45	08/08/93	08:30	2640	44	3.35	3.52		
46	08/08/93	09:30	2700	45	3.37	3.52		
47	08/08/93	10:30	2760	46	3.49	3.52		
48	08/08/93	11:30	2820	47	3.67	3.51		
49	08/08/93	12:30	2880	48	3.66			
50	08/08/93	13:30	2940	49	3.72			
51	08/08/93	14:30	3000	50	3.75			
52	08/08/93	15:30	3060	51	3.70			
53	08/08/93	16:30	3120	52	3.63			
54	08/08/93	17:30	3180	53	3.56			
55	08/08/93	18:30	3240	54	3.44			
56	08/08/93	19:30	3300	55	3.39			
57	08/08/93	20:30	3360	56	3.37			
58	08/08/93	21:30	3420	57	3.40			
59	08/08/93	22:30	3480	58	3.42			
60	08/08/93	23:30	3540	59	3.47			
61	08/09/93	00:30	3600	60	3.54			
62	08/09/93	01:30	3660	61	3.61			
63	08/09/93	02:30	3720	62	3.65			
64	08/09/93	03:30	3780	63	3.63			
65	08/09/93	04:30	3840	64	3.55			
66	08/09/93	05:30	3900	65	3.44			
67	08/09/93	06:30	3960	66	3.35			
68	08/09/93	07:30	4020	67	3.30			
69	08/09/93	08:30	4080	68	3.29			
70	08/09/93	09:30	4140	69	3.34			
71	08/09/93	10:30	4200	70	3.42			
72	08/09/93	11:30	4260	71	3.43			

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW7S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW7S	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
1	08/06/93	12:30	0	0	4.70	4.69	4.68	4.66
2	08/06/93	13:30	60	1	4.69	4.69	4.68	
3	08/06/93	14:30	120	2	4.70	4.69	4.67	
4	08/06/93	15:30	180	3	4.70	4.69	4.67	
5	08/06/93	16:30	240	4	4.70	4.69	4.67	
6	08/06/93	17:30	300	5	4.69	4.68	4.67	
7	08/06/93	18:30	360	6	4.69	4.68	4.67	
8	08/06/93	19:30	420	7	4.69	4.68	4.67	
9	08/06/93	20:30	480	8	4.69	4.68	4.67	
10	08/06/93	21:30	540	9	4.69	4.68	4.67	
11	08/06/93	22:30	600	10	4.70	4.68	4.66	
12	08/06/93	23:30	660	11	4.70	4.68	4.66	
13	08/07/93	00:30	720	12	4.70	4.68	4.66	
14	08/07/93	01:30	780	13	4.69	4.68	4.66	
15	08/07/93	02:30	840	14	4.69	4.67	4.66	
16	08/07/93	03:30	900	15	4.70	4.67	4.66	
17	08/07/93	04:30	960	16	4.69	4.67	4.66	
18	08/07/93	05:30	1020	17	4.68	4.67	4.65	
19	08/07/93	06:30	1080	18	4.68	4.67	4.65	
20	08/07/93	07:30	1140	19	4.68	4.67	4.65	
21	08/07/93	08:30	1200	20	4.68	4.67	4.65	
22	08/07/93	09:30	1260	21	4.67	4.66	4.65	
23	08/07/93	10:30	1320	22	4.67	4.66	4.65	
24	08/07/93	11:30	1380	23	4.67	4.66	4.65	
25	08/07/93	12:30	1440	24	4.68	4.66	4.65	
26	08/07/93	13:30	1500	25	4.68	4.66		
27	08/07/93	14:30	1560	26	4.67	4.66		
28	08/07/93	15:30	1620	27	4.68	4.66		
29	08/07/93	16:30	1680	28	4.67	4.66		
30	08/07/93	17:30	1740	29	4.67	4.65		
31	08/07/93	18:30	1800	30	4.67	4.65		
32	08/07/93	19:30	1860	31	4.66	4.65		
33	08/07/93	20:30	1920	32	4.66	4.65		
34	08/07/93	21:30	1980	33	4.66	4.65		
35	08/07/93	22:30	2040	34	4.66	4.65		
36	08/07/93	23:30	2100	35	4.66	4.65		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW7S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW7S	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
37	08/08/93	00:30	2160	36	4.66	4.65		
38	08/08/93	01:30	2220	37	4.66	4.64		
39	08/08/93	02:30	2280	38	4.66	4.64		
40	08/08/93	03:30	2340	39	4.66	4.64		
41	08/08/93	04:30	2400	40	4.66	4.64		
42	08/08/93	05:30	2460	41	4.65	4.64		
43	08/08/93	06:30	2520	42	4.65	4.64		
44	08/08/93	07:30	2580	43	4.65	4.64		
45	08/08/93	08:30	2640	44	4.64	4.64		
46	08/08/93	09:30	2700	45	4.64	4.64		
47	08/08/93	10:30	2760	46	4.64	4.63		
48	08/08/93	11:30	2820	47	4.65	4.63		
49	08/08/93	12:30	2880	48	4.65			
50	08/08/93	13:30	2940	49	4.64			
51	08/08/93	14:30	3000	50	4.65			
52	08/08/93	15:30	3060	51	4.65			
53	08/08/93	16:30	3120	52	4.64			
54	08/08/93	17:30	3180	53	4.64			
55	08/08/93	18:30	3240	54	4.64			
56	08/08/93	19:30	3300	55	4.64			
57	08/08/93	20:30	3360	56	4.63			
58	08/08/93	21:30	3420	57	4.63			
59	08/08/93	22:30	3480	58	4.63			
60	08/08/93	23:30	3540	59	4.63			
61	08/09/93	00:30	3600	60	4.63			
62	08/09/93	01:30	3660	61	4.63			
63	08/09/93	02:30	3720	62	4.63			
64	08/09/93	03:30	3780	63	4.63			
65	08/09/93	04:30	3840	64	4.63			
66	08/09/93	05:30	3900	65	4.63			
67	08/09/93	06:30	3960	66	4.62			
68	08/09/93	07:30	4020	67	4.62			
69	08/09/93	08:30	4080	68	4.62			
70	08/09/93	09:30	4140	69	4.62			
71	08/09/93	10:30	4200	70	4.62			
72	08/09/93	11:30	4260	71	4.62			

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW7D
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW7D	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
1	08/06/93	12:30	0	0	3.61	2.47	1.02	0.28
2	08/06/93	13:30	60	1	3.50	2.32	0.91	
3	08/06/93	14:30	120	2	3.30	2.17	0.82	
4	08/06/93	15:30	180	3	3.04	2.03	0.73	
5	08/06/93	16:30	240	4	2.83	1.91	0.64	
6	08/06/93	17:30	300	5	2.74	1.79	0.56	
7	08/06/93	18:30	360	6	2.75	1.67	0.49	
8	08/06/93	19:30	420	7	2.83	1.56	0.42	
9	08/06/93	20:30	480	8	2.94	1.44	0.35	
10	08/06/93	21:30	540	9	3.08	1.32	0.29	
11	08/06/93	22:30	600	10	3.25	1.19	0.24	
12	08/06/93	23:30	660	11	3.44	1.06	0.19	
13	08/07/93	00:30	720	12	3.58	0.91	0.14	
14	08/07/93	01:30	780	13	3.57	0.76	0.11	
15	08/07/93	02:30	840	14	3.38	0.61	0.07	
16	08/07/93	03:30	900	15	3.09	0.47	0.05	
17	08/07/93	04:30	960	16	2.82	0.34	0.03	
18	08/07/93	05:30	1020	17	2.71	0.23	0.01	
19	08/07/93	06:30	1080	18	2.74	0.11	0.00	
20	08/07/93	07:30	1140	19		0.00	0.00	
21	08/07/93	08:30	1200	20		0.00	0.00	
22	08/07/93	09:30	1260	21		0.00	0.00	
23	08/07/93	10:30	1320	22		0.00	0.00	
24	08/07/93	11:30	1380	23		0.00	0.00	
25	08/07/93	12:30	1440	24		0.00	0.00	
26	08/07/93	13:30	1500	25		0.00		
27	08/07/93	14:30	1560	26		0.00		
28	08/07/93	15:30	1620	27		0.00		
29	08/07/93	16:30	1680	28		0.00		
30	08/07/93	17:30	1740	29		0.00		
31	08/07/93	18:30	1800	30		0.00		
32	08/07/93	19:30	1860	31		0.00		
33	08/07/93	20:30	1920	32		0.00		
34	08/07/93	21:30	1980	33		0.00		
35	08/07/93	22:30	2040	34		0.00		
36	08/07/93	23:30	2100	35		0.00		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW7D
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW7D	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
37	08/08/93	00:30	2160	36		0.00		
38	08/08/93	01:30	2220	37		0.00		
39	08/08/93	02:30	2280	38		0.00		
40	08/08/93	03:30	2340	39		0.00		
41	08/08/93	04:30	2400	40		0.00		
42	08/08/93	05:30	2460	41		0.00		
43	08/08/93	06:30	2520	42		0.00		
44	08/08/93	07:30	2580	43		0.00		
45	08/08/93	08:30	2640	44		0.00		
46	08/08/93	09:30	2700	45		0.00		
47	08/08/93	10:30	2760	46		0.00		
48	08/08/93	11:30	2820	47		0.00		
49	08/08/93	12:30	2880	48				
50	08/08/93	13:30	2940	49				
51	08/08/93	14:30	3000	50				
52	08/08/93	15:30	3060	51				
53	08/08/93	16:30	3120	52				
54	08/08/93	17:30	3180	53				
55	08/08/93	18:30	3240	54				
56	08/08/93	19:30	3300	55				
57	08/08/93	20:30	3360	56				
58	08/08/93	21:30	3420	57				
59	08/08/93	22:30	3480	58				
60	08/08/93	23:30	3540	59				
61	08/09/93	00:30	3600	60				
62	08/09/93	01:30	3660	61				
63	08/09/93	02:30	3720	62				
64	08/09/93	03:30	3780	63				
65	08/09/93	04:30	3840	64				
66	08/09/93	05:30	3900	65				
67	08/09/93	06:30	3960	66				
68	08/09/93	07:30	4020	67				
69	08/09/93	08:30	4080	68				
70	08/09/93	09:30	4140	69				
71	08/09/93	10:30	4200	70				
72	08/09/93	11:30	4260	71				

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ3A
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ3A	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
1	08/06/93	12:30	0	0	2.36	2.31	2.32	2.31
2	08/06/93	13:30	60	1	2.36	2.31	2.32	
3	08/06/93	14:30	120	2	2.36	2.31	2.32	
4	08/06/93	15:30	180	3	2.35	2.31	2.32	
5	08/06/93	16:30	240	4	2.33	2.31	2.32	
6	08/06/93	17:30	300	5	2.32	2.31	2.32	
7	08/06/93	18:30	360	6	2.30	2.32	2.32	
8	08/06/93	19:30	420	7	2.29	2.32	2.32	
9	08/06/93	20:30	480	8	2.28	2.32	2.32	
10	08/06/93	21:30	540	9	2.28	2.32	2.32	
11	08/06/93	22:30	600	10	2.29	2.32	2.32	
12	08/06/93	23:30	660	11	2.31	2.32	2.31	
13	08/07/93	00:30	720	12	2.33	2.32	2.31	
14	08/07/93	01:30	780	13	2.35	2.32	2.31	
15	08/07/93	02:30	840	14	2.35	2.32	2.31	
16	08/07/93	03:30	900	15	2.34	2.32	2.31	
17	08/07/93	04:30	960	16	2.32	2.32	2.31	
18	08/07/93	05:30	1020	17	2.31	2.32	2.30	
19	08/07/93	06:30	1080	18	2.29	2.32	2.30	
20	08/07/93	07:30	1140	19	2.28	2.32	2.30	
21	08/07/93	08:30	1200	20	2.28	2.32	2.30	
22	08/07/93	09:30	1260	21	2.27	2.32	2.29	
23	08/07/93	10:30	1320	22	2.28	2.32	2.29	
24	08/07/93	11:30	1380	23	2.30	2.32	2.29	
25	08/07/93	12:30	1440	24	2.32	2.32	2.28	
26	08/07/93	13:30	1500	25	2.36	2.32		
27	08/07/93	14:30	1560	26	2.37	2.31		
28	08/07/93	15:30	1620	27	2.37	2.31		
29	08/07/93	16:30	1680	28	2.36	2.31		
30	08/07/93	17:30	1740	29	2.35	2.30		
31	08/07/93	18:30	1800	30	2.33	2.30		
32	08/07/93	19:30	1860	31	2.32	2.30		
33	08/07/93	20:30	1920	32	2.31	2.30		
34	08/07/93	21:30	1980	33	2.31	2.29		
35	08/07/93	22:30	2040	34	2.31	2.29		
36	08/07/93	23:30	2100	35	2.31	2.29		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ3A
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ3A	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
37	08/08/93	00:30	2160	36	2.33	2.28		
38	08/08/93	01:30	2220	37	2.34	2.28		
39	08/08/93	02:30	2280	38	2.35	2.28		
40	08/08/93	03:30	2340	39	2.35	2.27		
41	08/08/93	04:30	2400	40	2.33	2.27		
42	08/08/93	05:30	2460	41	2.31	2.26		
43	08/08/93	06:30	2520	42	2.29	2.26		
44	08/08/93	07:30	2580	43	2.27	2.26		
45	08/08/93	08:30	2640	44	2.26	2.26		
46	08/08/93	09:30	2700	45	2.25	2.25		
47	08/08/93	10:30	2760	46	2.25	2.25		
48	08/08/93	11:30	2820	47	2.26	2.25		
49	08/08/93	12:30	2880	48	2.27			
50	08/08/93	13:30	2940	49	2.29			
51	08/08/93	14:30	3000	50	2.31			
52	08/08/93	15:30	3060	51	2.31			
53	08/08/93	16:30	3120	52	2.30			
54	08/08/93	17:30	3180	53	2.29			
55	08/08/93	18:30	3240	54	2.27			
56	08/08/93	19:30	3300	55	2.26			
57	08/08/93	20:30	3360	56	2.24			
58	08/08/93	21:30	3420	57	2.24			
59	08/08/93	22:30	3480	58	2.23			
60	08/08/93	23:30	3540	59	2.23			
61	08/09/93	00:30	3600	60	2.24			
62	08/09/93	01:30	3660	61	2.24			
63	08/09/93	02:30	3720	62	2.25			
64	08/09/93	03:30	3780	63	2.25			
65	08/09/93	04:30	3840	64	2.24			
66	08/09/93	05:30	3900	65	2.23			
67	08/09/93	06:30	3960	66	2.21			
68	08/09/93	07:30	4020	67	2.20			
69	08/09/93	08:30	4080	68	2.18			
70	08/09/93	09:30	4140	69	2.18			
71	08/09/93	10:30	4200	70	2.18			
72	08/09/93	11:30	4260	71	2.17			

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ3B
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ3B	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
1	08/06/93	12:30	0	0	2.13	1.71	1.75	1.71
2	08/06/93	13:30	60	1	2.04	1.71	1.75	
3	08/06/93	14:30	120	2	1.89	1.71	1.75	
4	08/06/93	15:30	180	3	1.69	1.72	1.75	
5	08/06/93	16:30	240	4	1.52	1.73	1.74	
6	08/06/93	17:30	300	5	1.42	1.74	1.74	
7	08/06/93	18:30	360	6	1.40	1.75	1.74	
8	08/06/93	19:30	420	7	1.42	1.76	1.74	
9	08/06/93	20:30	480	8	1.49	1.76	1.73	
10	08/06/93	21:30	540	9	1.60	1.77	1.73	
11	08/06/93	22:30	600	10	1.76	1.77	1.72	
12	08/06/93	23:30	660	11	1.95	1.77	1.72	
13	08/07/93	00:30	720	12	2.09	1.76	1.71	
14	08/07/93	01:30	780	13	2.09	1.76	1.71	
15	08/07/93	02:30	840	14	1.95	1.75	1.70	
16	08/07/93	03:30	900	15	1.72	1.75	1.70	
17	08/07/93	04:30	960	16	1.52	1.76	1.69	
18	08/07/93	05:30	1020	17	1.41	1.76	1.68	
19	08/07/93	06:30	1080	18	1.40	1.76	1.68	
20	08/07/93	07:30	1140	19	1.46	1.76	1.67	
21	08/07/93	08:30	1200	20	1.53	1.75	1.66	
22	08/07/93	09:30	1260	21	1.65	1.74	1.66	
23	08/07/93	10:30	1320	22	1.80	1.73	1.65	
24	08/07/93	11:30	1380	23	1.98	1.72	1.64	
25	08/07/93	12:30	1440	24	2.14	1.71	1.64	
26	08/07/93	13:30	1500	25	2.21	1.70		
27	08/07/93	14:30	1560	26	2.14	1.69		
28	08/07/93	15:30	1620	27	1.96	1.69		
29	08/07/93	16:30	1680	28	1.76	1.68		
30	08/07/93	17:30	1740	29	1.62	1.68		
31	08/07/93	18:30	1800	30	1.55	1.68		
32	08/07/93	19:30	1860	31	1.54	1.67		
33	08/07/93	20:30	1920	32	1.57	1.67		
34	08/07/93	21:30	1980	33	1.63	1.66		
35	08/07/93	22:30	2040	34	1.72	1.65		
36	08/07/93	23:30	2100	35	1.84	1.64		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ3B
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ3B	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
37	08/08/93	00:30	2160	36	1.97	1.63		
38	08/08/93	01:30	2220	37	2.02	1.62		
39	08/08/93	02:30	2280	38	1.96	1.61		
40	08/08/93	03:30	2340	39	1.78	1.61		
41	08/08/93	04:30	2400	40	1.57	1.60		
42	08/08/93	05:30	2460	41	1.42	1.60		
43	08/08/93	06:30	2520	42	1.35	1.60		
44	08/08/93	07:30	2580	43	1.32	1.60		
45	08/08/93	08:30	2640	44	1.35	1.59		
46	08/08/93	09:30	2700	45	1.42	1.59		
47	08/08/93	10:30	2760	46	1.55	1.58		
48	08/08/93	11:30	2820	47	1.72	1.57		
49	08/08/93	12:30	2880	48	1.88			
50	08/08/93	13:30	2940	49	1.98			
51	08/08/93	14:30	3000	50	1.99			
52	08/08/93	15:30	3060	51	1.88			
53	08/08/93	16:30	3120	52	1.71			
54	08/08/93	17:30	3180	53	1.55			
55	08/08/93	18:30	3240	54	1.44			
56	08/08/93	19:30	3300	55	1.41			
57	08/08/93	20:30	3360	56	1.40			
58	08/08/93	21:30	3420	57	1.42			
59	08/08/93	22:30	3480	58	1.46			
60	08/08/93	23:30	3540	59	1.57			
61	08/09/93	00:30	3600	60	1.71			
62	08/09/93	01:30	3660	61	1.82			
63	08/09/93	02:30	3720	62	1.84			
64	08/09/93	03:30	3780	63	1.72			
65	08/09/93	04:30	3840	64	1.54			
66	08/09/93	05:30	3900	65	1.36			
67	08/09/93	06:30	3960	66	1.26			
68	08/09/93	07:30	4020	67	1.22			
69	08/09/93	08:30	4080	68	1.22			
70	08/09/93	09:30	4140	69	1.26			
71	08/09/93	10:30	4200	70	1.34			
72	08/09/93	11:30	4260	71	1.46			

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ3C
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ3C	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
1	08/06/93	12:30	0	0	2.58	2.05	1.87	1.75
2	08/06/93	13:30	60	1	2.51	2.02	1.86	
3	08/06/93	14:30	120	2	2.41	2.00	1.84	
4	08/06/93	15:30	180	3	2.34	1.98	1.83	
5	08/06/93	16:30	240	4	2.27	1.96	1.82	
6	08/06/93	17:30	300	5	2.17	1.94	1.81	
7	08/06/93	18:30	360	6	2.10	1.92	1.80	
8	08/06/93	19:30	420	7	2.06	1.91	1.79	
9	08/06/93	20:30	480	8	2.00	1.90	1.78	
10	08/06/93	21:30	540	9	1.98	1.89	1.77	
11	08/06/93	22:30	600	10	1.99	1.88	1.76	
12	08/06/93	23:30	660	11	2.02	1.86	1.75	
13	08/07/93	00:30	720	12	2.04	1.85	1.74	
14	08/07/93	01:30	780	13	2.09	1.84	1.73	
15	08/07/93	02:30	840	14	2.02	1.83	1.72	
16	08/07/93	03:30	900	15	1.94	1.82	1.72	
17	08/07/93	04:30	960	16	1.87	1.81	1.71	
18	08/07/93	05:30	1020	17	1.83	1.80	1.70	
19	08/07/93	06:30	1080	18	1.81	1.79	1.69	
20	08/07/93	07:30	1140	19	1.81	1.78	1.68	
21	08/07/93	08:30	1200	20	1.82	1.77	1.68	
22	08/07/93	09:30	1260	21	1.81	1.76	1.67	
23	08/07/93	10:30	1320	22	1.86	1.74	1.66	
24	08/07/93	11:30	1380	23	1.90	1.73	1.66	
25	08/07/93	12:30	1440	24	1.94	1.73	1.65	
26	08/07/93	13:30	1500	25	1.94	1.72		
27	08/07/93	14:30	1560	26	1.87	1.71		
28	08/07/93	15:30	1620	27	1.82	1.71		
29	08/07/93	16:30	1680	28	1.80	1.70		
30	08/07/93	17:30	1740	29	1.81	1.69		
31	08/07/93	18:30	1800	30	1.77	1.69		
32	08/07/93	19:30	1860	31	1.77	1.68		
33	08/07/93	20:30	1920	32	1.77	1.67		
34	08/07/93	21:30	1980	33	1.72	1.66		
35	08/07/93	22:30	2040	34	1.73	1.66		
36	08/07/93	23:30	2100	35	1.76	1.65		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ3C
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 2
AUGUST 6, 1993 – AUGUST 9, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ3C	FIRST SEQUENCE OF MEANS (Xi)	SECOND SEQUENCE OF MEANS (Yi)	MEAN WATER LEVEL ELEVATION AT HOUR 36 (M)
37	08/08/93	00:30	2160	36	1.79	1.64		
38	08/08/93	01:30	2220	37	1.79	1.63		
39	08/08/93	02:30	2280	38	1.80	1.63		
40	08/08/93	03:30	2340	39	1.72	1.62		
41	08/08/93	04:30	2400	40	1.65	1.62		
42	08/08/93	05:30	2460	41	1.58	1.61		
43	08/08/93	06:30	2520	42	1.54	1.61		
44	08/08/93	07:30	2580	43	1.53	1.60		
45	08/08/93	08:30	2640	44	1.52	1.60		
46	08/08/93	09:30	2700	45	1.50	1.59		
47	08/08/93	10:30	2760	46	1.61	1.59		
48	08/08/93	11:30	2820	47	1.70	1.58		
49	08/08/93	12:30	2880	48	1.72			
50	08/08/93	13:30	2940	49	1.83			
51	08/08/93	14:30	3000	50	1.73			
52	08/08/93	15:30	3060	51	1.67			
53	08/08/93	16:30	3120	52	1.63			
54	08/08/93	17:30	3180	53	1.66			
55	08/08/93	18:30	3240	54	1.58			
56	08/08/93	19:30	3300	55	1.57			
57	08/08/93	20:30	3360	56	1.59			
58	08/08/93	21:30	3420	57	1.55			
59	08/08/93	22:30	3480	58	1.54			
60	08/08/93	23:30	3540	59	1.55			
61	08/09/93	00:30	3600	60	1.61			
62	08/09/93	01:30	3660	61	1.64			
63	08/09/93	02:30	3720	62	1.66			
64	08/09/93	03:30	3780	63	1.61			
65	08/09/93	04:30	3840	64	1.56			
66	08/09/93	05:30	3900	65	1.50			
67	08/09/93	06:30	3960	66	1.43			
68	08/09/93	07:30	4020	67	1.37			
69	08/09/93	08:30	4080	68	1.36			
70	08/09/93	09:30	4140	69	1.39			
71	08/09/93	10:30	4200	70	1.44			
72	08/09/93	11:30	4260	71	1.49			

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW4S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW4	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
1	08/09/93	16:15	0	0	6.26	6.23	6.21
2	08/09/93	17:15	60	1	6.24	AVERAGE OF MEANS:	6.22
3	08/09/93	18:15	120	2	6.24		
4	08/09/93	19:15	180	3	6.24		
5	08/09/93	20:15	240	4	6.24		
6	08/09/93	21:15	300	5	6.24		
7	08/09/93	22:15	360	6	6.24		
8	08/09/93	23:15	420	7	6.24		
9	08/10/93	00:15	480	8	6.24		
10	08/10/93	01:15	540	9	6.24		
11	08/10/93	02:15	600	10	6.23		
12	08/10/93	03:15	660	11	6.23		
13	08/10/93	04:15	720	12	6.23		
14	08/10/93	05:15	780	13	6.23		
15	08/10/93	06:15	840	14	6.23		
16	08/10/93	07:15	900	15	6.23		
17	08/10/93	08:15	960	16	6.23		
18	08/10/93	09:15	1020	17	6.23		
19	08/10/93	10:15	1080	18	6.22		
20	08/10/93	11:15	1140	19	6.22		
21	08/10/93	12:15	1200	20	6.21		
22	08/10/93	13:15	1260	21	6.23		
23	08/10/93	14:15	1320	22	6.22		
24	08/10/93	15:15	1380	23	6.23		
25	08/10/93	16:15	1440	24	6.20		
26	08/10/93	17:15	1500	25	6.18		
27	08/10/93	18:15	1560	26	6.23		
28	08/10/93	19:15	1620	27	6.22		
29	08/10/93	20:15	1680	28	6.22		
30	08/10/93	21:15	1740	29	6.21		
31	08/10/93	22:15	1800	30	6.21		
32	08/10/93	23:15	1860	31	6.21		
33	08/11/93	00:15	1920	32	6.21		
34	08/11/93	01:15	1980	33	6.21		
35	08/11/93	02:15	2040	34	6.21		
36	08/11/93	03:15	2100	35	6.21		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW4S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW4	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
37	08/11/93	04:15	2160	36	6.21		
38	08/11/93	05:15	2220	37	6.21		
39	08/11/93	06:15	2280	38	6.20		
40	08/11/93	07:15	2340	39	6.20		
41	08/11/93	08:15	2400	40	6.20		
42	08/11/93	09:15	2460	41	6.19		
43	08/11/93	10:15	2520	42	6.19		
44	08/11/93	11:15	2580	43	6.18		
45	08/11/93	12:15	2640	44	6.18		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW10S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW10S	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
1	08/09/93	16:15	0	0	1.82	1.64	1.62
2	08/09/93	17:15	60	1	1.71	AVERAGE OF MEANS:	1.63
3	08/09/93	18:15	120	2	1.64		
4	08/09/93	19:15	180	3	1.60		
5	08/09/93	20:15	240	4	1.58		
6	08/09/93	21:15	300	5	1.58		
7	08/09/93	22:15	360	6	1.58		
8	08/09/93	23:15	420	7	1.61		
9	08/10/93	00:15	480	8	1.64		
10	08/10/93	01:15	540	9	1.69		
11	08/10/93	02:15	600	10	1.72		
12	08/10/93	03:15	660	11	1.74		
13	08/10/93	04:15	720	12	1.69		
14	08/10/93	05:15	780	13	1.64		
15	08/10/93	06:15	840	14	1.58		
16	08/10/93	07:15	900	15	1.52		
17	08/10/93	08:15	960	16	1.51		
18	08/10/93	09:15	1020	17	1.51		
19	08/10/93	10:15	1080	18	1.52		
20	08/10/93	11:15	1140	19	1.56		
21	08/10/93	12:15	1200	20	1.60		
22	08/10/93	13:15	1260	21	1.65		
23	08/10/93	14:15	1320	22	1.74		
24	08/10/93	15:15	1380	23	1.77		
25	08/10/93	16:15	1440	24	1.71		
26	08/10/93	17:15	1500	25	1.66		
27	08/10/93	18:15	1560	26	1.72		
28	08/10/93	19:15	1620	27	1.62		
29	08/10/93	20:15	1680	28	1.59		
30	08/10/93	21:15	1740	29	1.57		
31	08/10/93	22:15	1800	30	1.57		
32	08/10/93	23:15	1860	31	1.56		
33	08/11/93	00:15	1920	32	1.60		
34	08/11/93	01:15	1980	33	1.63		
35	08/11/93	02:15	2040	34	1.68		
36	08/11/93	03:15	2100	35	1.71		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW10S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW10S	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
37	08/11/93	04:15	2160	36	1.72		
38	08/11/93	05:15	2220	37	1.68		
39	08/11/93	06:15	2280	38	1.61		
40	08/11/93	07:15	2340	39	1.56		
41	08/11/93	08:15	2400	40	1.52		
42	08/11/93	09:15	2460	41	1.51		
43	08/11/93	10:15	2520	42	1.51		
44	08/11/93	11:15	2580	43	1.54		
45	08/11/93	12:15	2640	44	1.56		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW10D
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW10D	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
1	08/09/93	16:15	0	0	3.00	2.91	2.94
2	08/09/93	17:15	60	1	2.56	AVERAGE OF MEANS:	2.93
3	08/09/93	18:15	120	2	2.31		
4	08/09/93	19:15	180	3	2.31		
5	08/09/93	20:15	240	4	2.46		
6	08/09/93	21:15	300	5	2.56		
7	08/09/93	22:15	360	6	2.69		
8	08/09/93	23:15	420	7	2.91		
9	08/10/93	00:15	480	8	3.20		
10	08/10/93	01:15	540	9	3.36		
11	08/10/93	02:15	600	10	3.38		
12	08/10/93	03:15	660	11	3.19		
13	08/10/93	04:15	720	12	2.85		
14	08/10/93	05:15	780	13	2.50		
15	08/10/93	06:15	840	14	2.23		
16	08/10/93	07:15	900	15	2.16		
17	08/10/93	08:15	960	16	2.30		
18	08/10/93	09:15	1020	17	2.52		
19	08/10/93	10:15	1080	18	2.76		
20	08/10/93	11:15	1140	19	3.60		
21	08/10/93	12:15	1200	20	3.47		
22	08/10/93	13:15	1260	21	3.63		
23	08/10/93	14:15	1320	22	3.78		
24	08/10/93	15:15	1380	23	3.69		
25	08/10/93	16:15	1440	24	3.38		
26	08/10/93	17:15	1500	25	2.98		
27	08/10/93	18:15	1560	26	2.65		
28	08/10/93	19:15	1620	27	2.49		
29	08/10/93	20:15	1680	28	2.53		
30	08/10/93	21:15	1740	29	2.59		
31	08/10/93	22:15	1800	30	2.64		
32	08/10/93	23:15	1860	31	2.72		
33	08/11/93	00:15	1920	32	2.93		
34	08/11/93	01:15	1980	33	3.24		
35	08/11/93	02:15	2040	34	3.43		
36	08/11/93	03:15	2100	35	3.46		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW10D
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW10D	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
37	08/11/93	04:15	2160	36	3.25		
38	08/11/93	05:15	2220	37	2.85		
39	08/11/93	06:15	2280	38	2.47		
40	08/11/93	07:15	2340	39	2.25		
41	08/11/93	08:15	2400	40	2.29		
42	08/11/93	09:15	2460	41	2.47		
43	08/11/93	10:15	2520	42	2.66		
44	08/11/93	11:15	2580	43	2.67		
45	08/11/93	12:15	2640	44	2.92		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW11S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW11S	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
1	08/09/93	16:15	0	0	4.10	4.01	4.00
2	08/09/93	17:15	60	1	4.05	AVERAGE OF MEANS:	4.00
3	08/09/93	18:15	120	2	4.01		
4	08/09/93	19:15	180	3	3.99		
5	08/09/93	20:15	240	4	3.97		
6	08/09/93	21:15	300	5	3.96		
7	08/09/93	22:15	360	6	3.96		
8	08/09/93	23:15	420	7	3.98		
9	08/10/93	00:15	480	8	4.00		
10	08/10/93	01:15	540	9	4.04		
11	08/10/93	02:15	600	10	4.07		
12	08/10/93	03:15	660	11	4.07		
13	08/10/93	04:15	720	12	4.03		
14	08/10/93	05:15	780	13	4.00		
15	08/10/93	06:15	840	14	3.97		
16	08/10/93	07:15	900	15	3.95		
17	08/10/93	08:15	960	16	3.94		
18	08/10/93	09:15	1020	17	3.93		
19	08/10/93	10:15	1080	18	3.93		
20	08/10/93	11:15	1140	19	3.95		
21	08/10/93	12:15	1200	20	3.99		
22	08/10/93	13:15	1260	21	4.04		
23	08/10/93	14:15	1320	22	4.10		
24	08/10/93	15:15	1380	23	4.14		
25	08/10/93	16:15	1440	24	4.08		
26	08/10/93	17:15	1500	25	4.03		
27	08/10/93	18:15	1560	26	4.04		
28	08/10/93	19:15	1620	27	3.99		
29	08/10/93	20:15	1680	28	3.97		
30	08/10/93	21:15	1740	29	3.95		
31	08/10/93	22:15	1800	30	3.94		
32	08/10/93	23:15	1860	31	3.94		
33	08/11/93	00:15	1920	32	3.96		
34	08/11/93	01:15	1980	33	3.99		
35	08/11/93	02:15	2040	34	4.03		
36	08/11/93	03:15	2100	35	4.06		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–MW11S
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–MW11S	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
37	08/11/93	04:15	2160	36	4.05		
38	08/11/93	05:15	2220	37	4.02		
39	08/11/93	06:15	2280	38	3.98		
40	08/11/93	07:15	2340	39	3.96		
41	08/11/93	08:15	2400	40	3.94		
42	08/11/93	09:15	2460	41	3.92		
43	08/11/93	10:15	2520	42	3.92		
44	08/11/93	11:15	2580	43	3.92		
45	08/11/93	12:15	2640	44	3.95		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ4A
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ4A	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
1	08/09/93	16:15	0	0	3.04	3.01	3.01
2	08/09/93	17:15	60	1	3.03	AVERAGE OF MEANS:	3.01
3	08/09/93	18:15	120	2	2.99		
4	08/09/93	19:15	180	3	2.99		
5	08/09/93	20:15	240	4	3.03		
6	08/09/93	21:15	300	5	3.02		
7	08/09/93	22:15	360	6	3.01		
8	08/09/93	23:15	420	7	3.01		
9	08/10/93	00:15	480	8	3.03		
10	08/10/93	01:15	540	9	3.04		
11	08/10/93	02:15	600	10	3.03		
12	08/10/93	03:15	660	11	3.02		
13	08/10/93	04:15	720	12	3.01		
14	08/10/93	05:15	780	13	3.03		
15	08/10/93	06:15	840	14	3.01		
16	08/10/93	07:15	900	15	2.99		
17	08/10/93	08:15	960	16	2.98		
18	08/10/93	09:15	1020	17	2.99		
19	08/10/93	10:15	1080	18	2.99		
20	08/10/93	11:15	1140	19	2.99		
21	08/10/93	12:15	1200	20	3.00		
22	08/10/93	13:15	1260	21	3.00		
23	08/10/93	14:15	1320	22	3.03		
24	08/10/93	15:15	1380	23	3.03		
25	08/10/93	16:15	1440	24	3.03		
26	08/10/93	17:15	1500	25	3.02		
27	08/10/93	18:15	1560	26	3.01		
28	08/10/93	19:15	1620	27	3.02		
29	08/10/93	20:15	1680	28	3.01		
30	08/10/93	21:15	1740	29	3.01		
31	08/10/93	22:15	1800	30	3.00		
32	08/10/93	23:15	1860	31	3.01		
33	08/11/93	00:15	1920	32	3.02		
34	08/11/93	01:15	1980	33	3.02		
35	08/11/93	02:15	2040	34	3.04		
36	08/11/93	03:15	2100	35	3.04		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ4A
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ4A	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
37	08/11/93	04:15	2160	36	3.07		
38	08/11/93	05:15	2220	37	3.01		
39	08/11/93	06:15	2280	38	3.03		
40	08/11/93	07:15	2340	39	2.98		
41	08/11/93	08:15	2400	40	2.97		
42	08/11/93	09:15	2460	41	2.96		
43	08/11/93	10:15	2520	42	2.97		
44	08/11/93	11:15	2580	43	2.97		
45	08/11/93	12:15	2640	44	2.97		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ4B
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ4B	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
1	08/09/93	16:15	0	0	3.31	3.24	3.24
2	08/09/93	17:15	60	1	3.25	AVERAGE OF MEANS:	3.24
3	08/09/93	18:15	120	2	3.23		
4	08/09/93	19:15	180	3	3.22		
5	08/09/93	20:15	240	4	3.22		
6	08/09/93	21:15	300	5	3.22		
7	08/09/93	22:15	360	6	3.22		
8	08/09/93	23:15	420	7	3.23		
9	08/10/93	00:15	480	8	3.26		
10	08/10/93	01:15	540	9	3.27		
11	08/10/93	02:15	600	10	3.28		
12	08/10/93	03:15	660	11	3.27		
13	08/10/93	04:15	720	12	3.24		
14	08/10/93	05:15	780	13	3.21		
15	08/10/93	06:15	840	14	3.19		
16	08/10/93	07:15	900	15	3.17		
17	08/10/93	08:15	960	16	3.18		
18	08/10/93	09:15	1020	17	3.19		
19	08/10/93	10:15	1080	18	3.19		
20	08/10/93	11:15	1140	19	3.20		
21	08/10/93	12:15	1200	20	3.22		
22	08/10/93	13:15	1260	21	3.25		
23	08/10/93	14:15	1320	22	3.28		
24	08/10/93	15:15	1380	23	3.30		
25	08/10/93	16:15	1440	24	3.29		
26	08/10/93	17:15	1500	25	3.26		
27	08/10/93	18:15	1560	26	3.24		
28	08/10/93	19:15	1620	27	3.22		
29	08/10/93	20:15	1680	28	3.22		
30	08/10/93	21:15	1740	29	3.22		
31	08/10/93	22:15	1800	30	3.21		
32	08/10/93	23:15	1860	31	3.21		
33	08/11/93	00:15	1920	32	3.23		
34	08/11/93	01:15	1980	33	3.26		
35	08/11/93	02:15	2040	34	3.28		
36	08/11/93	03:15	2100	35	3.29		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ4B
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ4B	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
37	08/11/93	04:15	2160	36	3.28		
38	08/11/93	05:15	2220	37	3.24		
39	08/11/93	06:15	2280	38	3.21		
40	08/11/93	07:15	2340	39	3.19		
41	08/11/93	08:15	2400	40	3.18		
42	08/11/93	09:15	2460	41	3.18		
43	08/11/93	10:15	2520	42	3.19		
44	08/11/93	11:15	2580	43	3.20		
45	08/11/93	12:15	2640	44	3.22		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ4C
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ4C	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
1	08/09/93	16:15	0	0	3.51	3.15	3.14
2	08/09/93	17:15	60	1	3.25	AVERAGE OF MEANS:	3.15
3	08/09/93	18:15	120	2	3.14		
4	08/09/93	19:15	180	3	3.11		
5	08/09/93	20:15	240	4	3.11		
6	08/09/93	21:15	300	5	3.11		
7	08/09/93	22:15	360	6	3.11		
8	08/09/93	23:15	420	7	3.13		
9	08/10/93	00:15	480	8	3.17		
10	08/10/93	01:15	540	9	3.20		
11	08/10/93	02:15	600	10	3.22		
12	08/10/93	03:15	660	11	3.20		
13	08/10/93	04:15	720	12	3.16		
14	08/10/93	05:15	780	13	3.10		
15	08/10/93	06:15	840	14	3.05		
16	08/10/93	07:15	900	15	3.03		
17	08/10/93	08:15	960	16	3.03		
18	08/10/93	09:15	1020	17	3.05		
19	08/10/93	10:15	1080	18	3.07		
20	08/10/93	11:15	1140	19	3.09		
21	08/10/93	12:15	1200	20	3.13		
22	08/10/93	13:15	1260	21	3.18		
23	08/10/93	14:15	1320	22	3.23		
24	08/10/93	15:15	1380	23	3.25		
25	08/10/93	16:15	1440	24	3.23		
26	08/10/93	17:15	1500	25	3.18		
27	08/10/93	18:15	1560	26	3.14		
28	08/10/93	19:15	1620	27	3.11		
29	08/10/93	20:15	1680	28	3.11		
30	08/10/93	21:15	1740	29	3.11		
31	08/10/93	22:15	1800	30	3.10		
32	08/10/93	23:15	1860	31	3.10		
33	08/11/93	00:15	1920	32	3.13		
34	08/11/93	01:15	1980	33	3.17		
35	08/11/93	02:15	2040	34	3.22		
36	08/11/93	03:15	2100	35	3.23		

WATER LEVEL ELEVATION DATA AND GEOSTATISTICAL FILTERING FOR MEAN WATER LEVEL ELEVATION
MONITORING STATION 09–PZ4C
SITE 09 TIDAL INFLUENCE WATER LEVEL MONITORING EVENT 3
AUGUST 9, 1993 – AUGUST 11, 1993
PHASE II REMEDIAL INVESTIGATION
NCBC DAVISVILLE, RHODE ISLAND

OBSERVATION NUMBER	DATE	TIME	ELAPSED TIME (min)	ELAPSED TIME (hr)	WATER LEVEL ELEVATION, 09–PZ4C	MEAN WATER LEVEL ELEVATION (M), HOURS 0 – 24	MEAN WATER LEVEL ELEVATION (M), HOURS 20 – 44
37	08/11/93	04:15	2160	36	3.21		
38	08/11/93	05:15	2220	37	3.16		
39	08/11/93	06:15	2280	38	3.10		
40	08/11/93	07:15	2340	39	3.05		
41	08/11/93	08:15	2400	40	3.04		
42	08/11/93	09:15	2460	41	3.05		
43	08/11/93	10:15	2520	42	3.07		
44	08/11/93	11:15	2580	43	3.09		
45	08/11/93	12:15	2640	44	3.11		