

**APPENDICES**

**Appendix A**

Logs and Construction Diagrams for Monitor Wells

# Soil Sampling Log

DATE STARTED	<b>7/30/00</b>
DATE FINISHED	<b>8/1/00</b>
WEIGHT OF HAMMER	<b>140 Lbs.</b>
HAMMER FALL	<b>30"</b>
GROUND WATER OBSERVATION	
DATE	<b>7/30/00</b> -
TIME	<b>0 Hours</b> -
DEPTH	<b>32-3"</b> -
SAMPLER Dia (Type/O.D./I.D.)	<b>SS 2" / 1-3/8"</b>
TYPE OF RIG	<b>CME 75 - Truck</b>

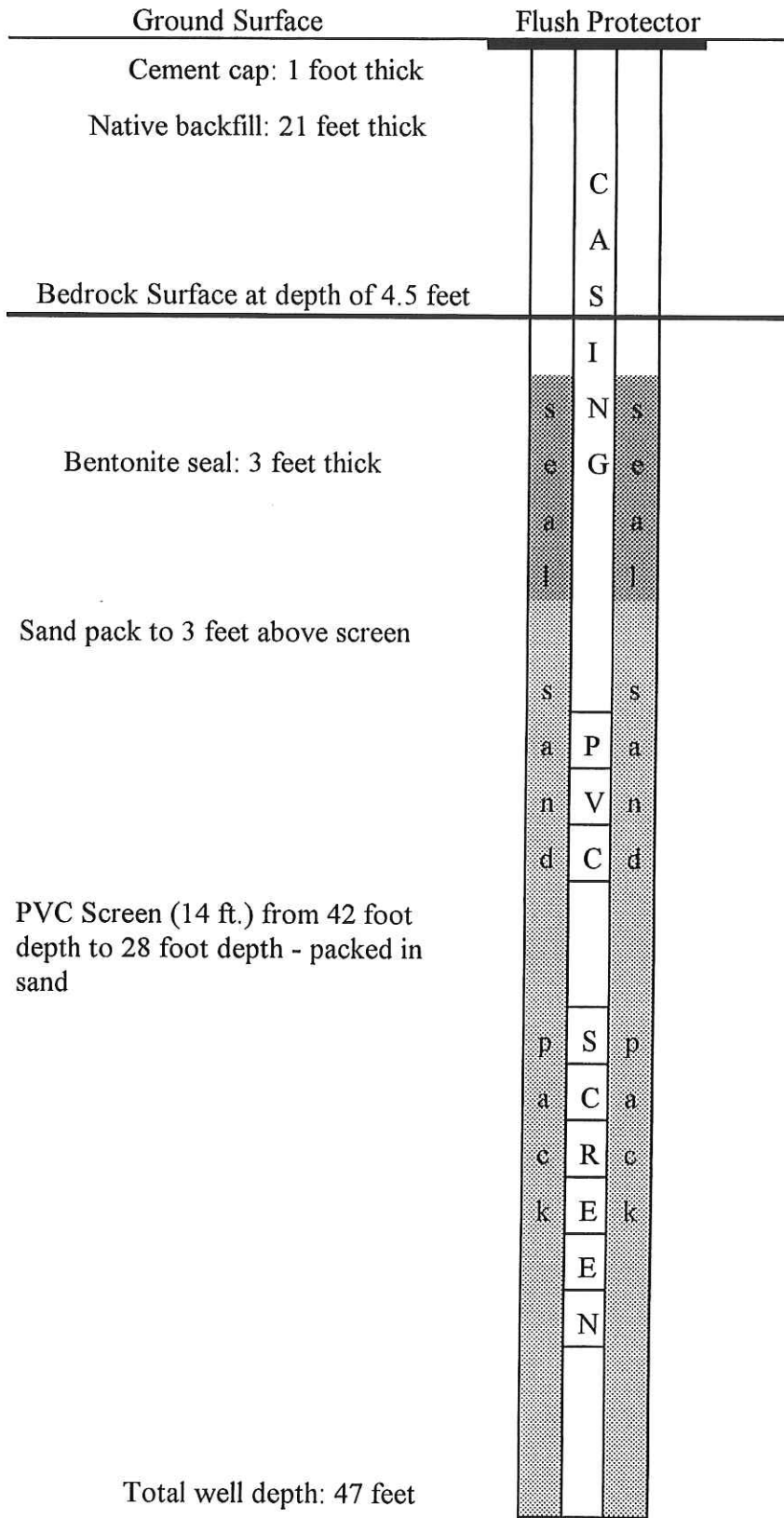
**Connecticut Test Borings, LLC**  
 P.O. Box 69 - Seymour, CT 06483  
 GEOTECHNICAL & ENVIRONMENTAL DRILLING  
 (203) 888-3857 (203) 888-5777  
 FAX: (203) 888-0655



SHEET	<b>1 OF 1</b>	
PROJECT No.	<b>C00186</b>	
LOCATION	<b>7 Main Street E. Haddam, CT</b>	
OFFSET		
GROUND ELEVATION		
HOLE No	<b>MW-1</b>	
CASING	<b>HSA</b>	<b>3-1/4"</b>
SAMPLER	<b>FWC</b>	<b>4"</b>
CORE BARREL		

**ESPECIALLY COMPILED FOR  
 Land-Tech Consultants, Inc.  
 205 Playhouse Corner  
 Southbury, CT 06488**

C B O R E D I P T H S	D E P T H S	SAMPLE DEPTH (FEET)	SAMP TYPE	BLOWS PER 6 INCHES ON SAMPLER				DENSITY OR CONSIST MOISTURE	PROFILE CHANGE DEPTH ELEV.	FIELD IDENTIFICATION OF SOILS REMARKS	SAMPLE			BORE / WELL (NOT TO SCALE)	
				0-6	6-12	12-18	18-24				NO	PEN	REC		
									4"	TOPSOIL					
										BR. SILTY SAND & GRAEVL, OCC. COBBLES					
		-5	5'-47'	C					3.0	4'6"	BEDROCK				
									3.0						
									3.0						
									5.0						
									10.0						
		-10							6.0		HOLLOW STEM AUGER REFUSAL AT '4'-6" DROVE 4" FWC '4'6"-5' ROLLER BITTED '3-7/8" 5' TO 0				
									8.0						
									4.0						
									4.0						
									5.0						
									6.0						
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CONSTRUCTION DIAGRAM FOR MONITOR MW1

# Soil Sampling Log

DATE STARTED	7/28/00
DATE FINISHED	7/28/00
WEIGHT OF HAMMER	140 Lbs.
HAMMER FALL	30"
GROUND WATER OBSERVATION	
DATE	7/28/00 -
TIME	0 Hours -
DEPTH	20'-6" -
SAMPLER Dia. (Type/O.D./I.D.)	SS 2" / 1-3/8"
TYPE OF RIG	CME 75 - Truck

**Connecticut Test Borings, LLC**  
 P.O. Box 69 - Seymour, CT 06483  
 GEOTECHNICAL & ENVIRONMENTAL DRILLING  
 (203) 888-3857 (203) 888-5777  
 FAX: (203) 888-0655

SHEET	1 OF 1
PROJECT No.	C00186
LOCATION	7 Main Street E. Haddam, CT
OFFSET	
GROUND ELEVATION	
HOLE No.	MW-2
CASING	HSA 3-1/4"
SAMPLER	FWC 4"
CORE BARREL	

ESPECIALLY COMPILED FOR  
**Land-Tech Consultants, Inc.**  
 205 Playhouse Corner  
 Southbury, CT 06488

C S I W G	D E P T H	S A M P L E D E P T H (FEET)	S A M P L E T Y P E	B L O W S P E R 6 I N C H E S O N S A M P L E R				D E N S I T Y O R C O N S I S T M O I S T U R E	P R O F I L E C H A N G E D E P T H E L E V.	F I E L D I D E N T I F I C A T I O N O F S O I L S  R E M A R K S	S A M P L E			B O R E / W E L L  (NOT TO SCALE)	
				0-6	6-12	12-18	18-24				N O.	P E N	R E C		
									2"	ASPHALT					
									6"	F-C GRAVEL					
										BR. VF-F SAND, SOME SILT, TR. F-M GRAVEL					
		-5	5'-7'	SS	2	2	1	2		V. LOOSE MOIST		1	24	18	
		-10	9'-29'	C					6.0 5.0 14.0 5.0 6.0 12.0 9.0 11.0 5.0 6.0 5.0 7.0 6.0 10.0 8.0 5.0 6.0 4.0 7.0						
		-15								BEDROCK					
		-20								HOLLOW STEM AUGER REFUSAL AT '9'					
		-25								ROLLER BITTED 3-7/8" 8' TO 29'					
		-30							29'	BOTTOM OF BORING					
		-35								SET 2" PVC WELL, PIPE 29' BELOW GRADE					
		-40								SCREEN -29' TO -14'					
		-45								RISER -14' TO -0'					
		-50								SAND -29' TO -13'					
										BENTONITE -13' TO -8'					
										BACKFILL -8' TO -1'					
										SAND MIX -1' TO -0'					

Proportions used: trace = 0-10%, little = 10-20%, some = 20-35%, and = 35-50%

DRILLER: **S.B.**  
 HELPER: **M.J.**  
 SOILS ENGINEER:  
 DRILLING INSPECTOR:

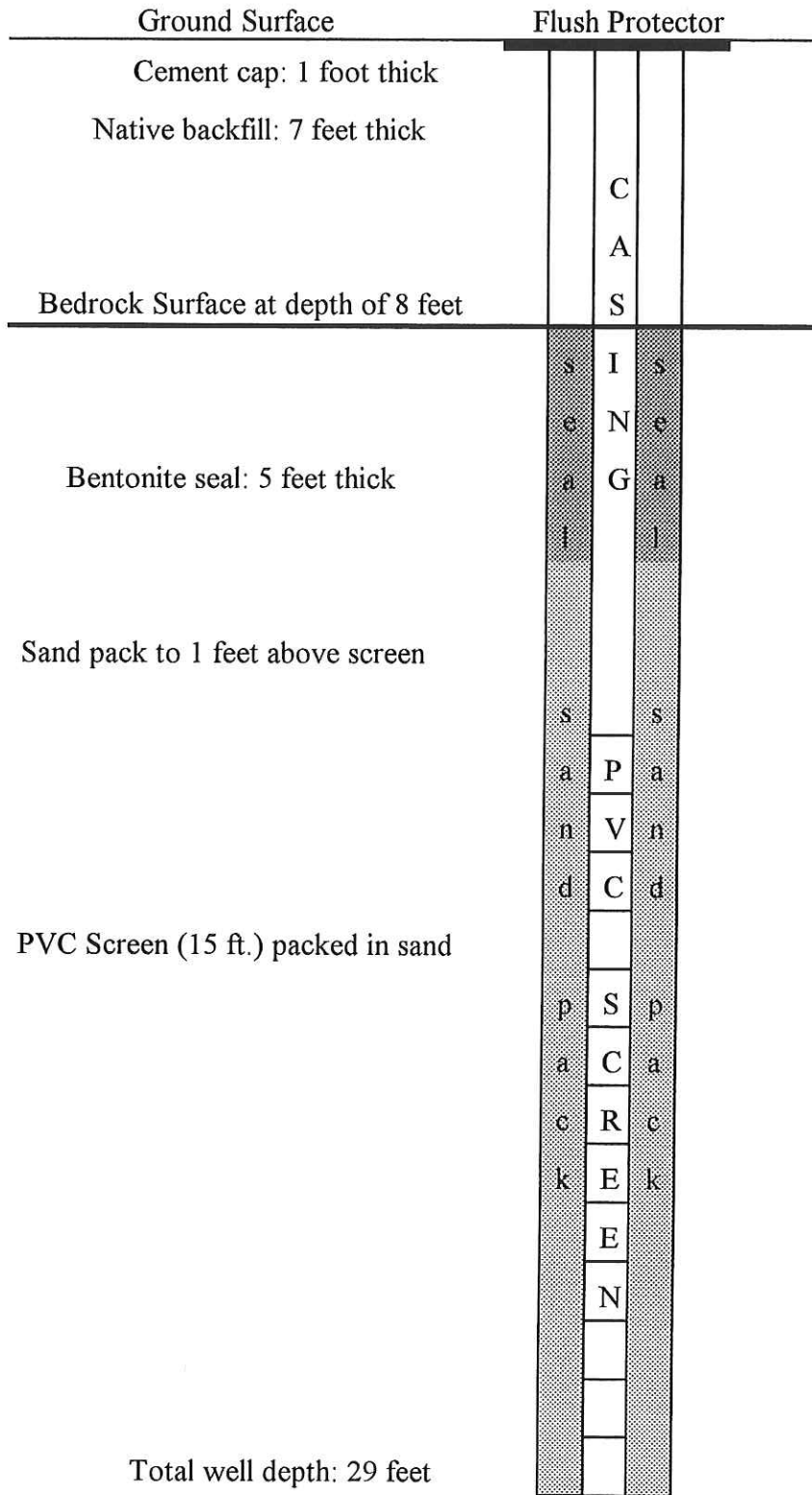
SAMPLE TYPE  
 C = CORED  
 W = WASHED  
 SS = SPLIT SPOON  
 UP = UNDISTURBED PISTON  
 TP = TEST PIT  
 UT = UNDISTURBED THINWALL

COHESIONLESS SOILS  
 0-4 VERY LOOSE  
 4-10 LOOSE  
 10-30 MEDIUM  
 30-50 DENSE  
 50+ VERY DENSE

COHESIVE SOILS  
 0-2 VERY SOFT  
 2-4 SOFT  
 4-8 MEDIUM  
 8-15 STIFF  
 15-30 VERY STIFF  
 30+ HARD

NOT RESPONSIBLE FOR SAMPLE STORAGE AFTER 30 DAYS

FILE: **C00186**



CONSTRUCTION DIAGRAM FOR MONITOR MW2

# Soil Sampling Log

**Connecticut Test Borings, LLC**

P.O. Box 69 - Seymour, CT 06483

GEOTECHNICAL & ENVIRONMENTAL DRILLING

(203) 888-3857 (203) 888-5777  
FAX: (203) 888-0655



DATE STARTED	8/1/00		
DATE FINISHED	8/1/00		
WEIGHT OF HAMMER	140 Lbs.		
HAMMER FALL	30"		
GROUND WATER OBSERVATION			
DATE	8/1/00	-	-
TIME	0 Hours	-	-
DEPTH	8'-0"	-	-
SAMPLER Dia. (Type/O.D./I.D.)	SS 2" / 1-3/8"		
TYPE OF RIG	CME 75 - Truck		

ESPECIALLY COMPILED FOR  
**Land-Tech Consultants, Inc.**  
205 Playhouse Corner  
Southbury, CT 06488

SHEET	1 OF 1		
PROJECT No.	C00186		
LOCATION	7 Main Street E. Haddam, CT		
OFFSET			
GROUND ELEVATION			
HOLE No.	MW-3		
CASING	HSA	3-1/4"	
SAMPLER	FWC	4"	
CORE BARREL			

C A S I N G S H	D E P T H S	S A M P L E D E P T H (FEET)	S A M P L E T Y P E	B L O W S P E R 6 I N C H E S O N S A M P L E R				D E N S I T Y O R C O N S I S T M O I S T U R E	P R O F I L E C H A N G E D E P T H E L E V.	F I E L D I D E N T I F I C A T I O N O F S O I L S  R E M A R K S	S A M P L E			B O R E / W E L L  (NOT TO SCALE)	
				0-6	6-12	12-18	18-24				N O.	P E N	R E C		
									2'	BROWN SILTY SAND & GRAEVL (FILL) TAN VF-F SAND, L. SILT					
	-5	5'-7'	SS	4	3	5	5	LOOSE DAMP			1	24	17		
	-10	10'-12'	SS	3	6	8	7	MEDIUM WET		SAME W/ SOME SILT	2	24	20		
	-15														
	-20								20'	BOTTOM OF BORING					
	-25														
	-30														
	-35														
	-40									SET 2" PVC WELL PIPE 20' BELOW GRADE					
	-45									SCREEN -20' TO -5' RISER -5' TO -1' SAND -20' TO -4' BENTONITE -4' TO -3' BACKFILL -3' TO -1' SAND MIX -1' TO -0'					
	-50														

Proportions used: trace = 0-10%, little = 10-20%, some = 20-35%, and = 35-50%

DRILLER: **S.B.**  
HELPER: **M.J.**  
SOILS ENGINEER:  
DRILLING INSPECTOR:

SAMPLE TYPE  
C = CORED  
W = WASHED  
SS = SPLIT SPOON  
UP = UNDISTURBED PISTON  
TP = TEST PIT  
UT = UNDISTURBED THINWALL

COHESIONLESS SOILS  
0-4 VERY LOOSE  
4-10 LOOSE  
10-30 MEDIUM  
30-50 DENSE  
50+ VERY DENSE

COHESIVE SOILS  
0-2 VERY SOFT  
2-4 SOFT  
4-8 MEDIUM  
8-15 STIFF  
15-30 VERY STIFF  
30+ HARD

NOT RESPONSIBLE FOR SAMPLE STORAGE AFTER 30 DAYS

FILE: **C00186**

Ground Surface

Flush Protector

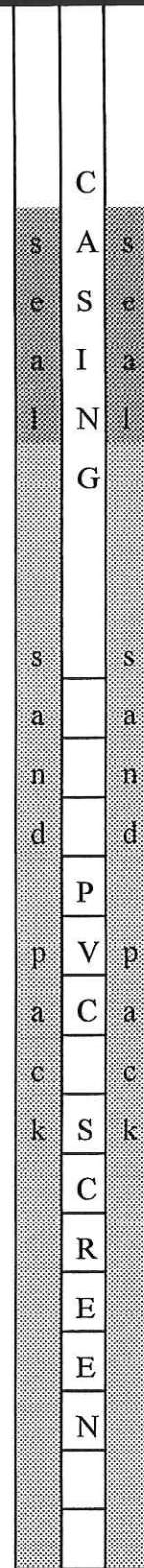
Native backfill & cement cap:  
3 feet thick

Bentonite Seal: 1 foot thick

Sand pack 1 foot above screen

PVC Screen (15 ft.) packed in sand

Total well depth: 20.0 feet



CONSTRUCTION DIAGRAM FOR MONITOR WELL MW3



ASSOCIATED BORINGS CO INC  
 119 Margaret Circle  
 Naugatuck, Ct. 06770  
 Tel (203) 729-5435  
 Fax (203) 729-5116

TEST BORING REPORT

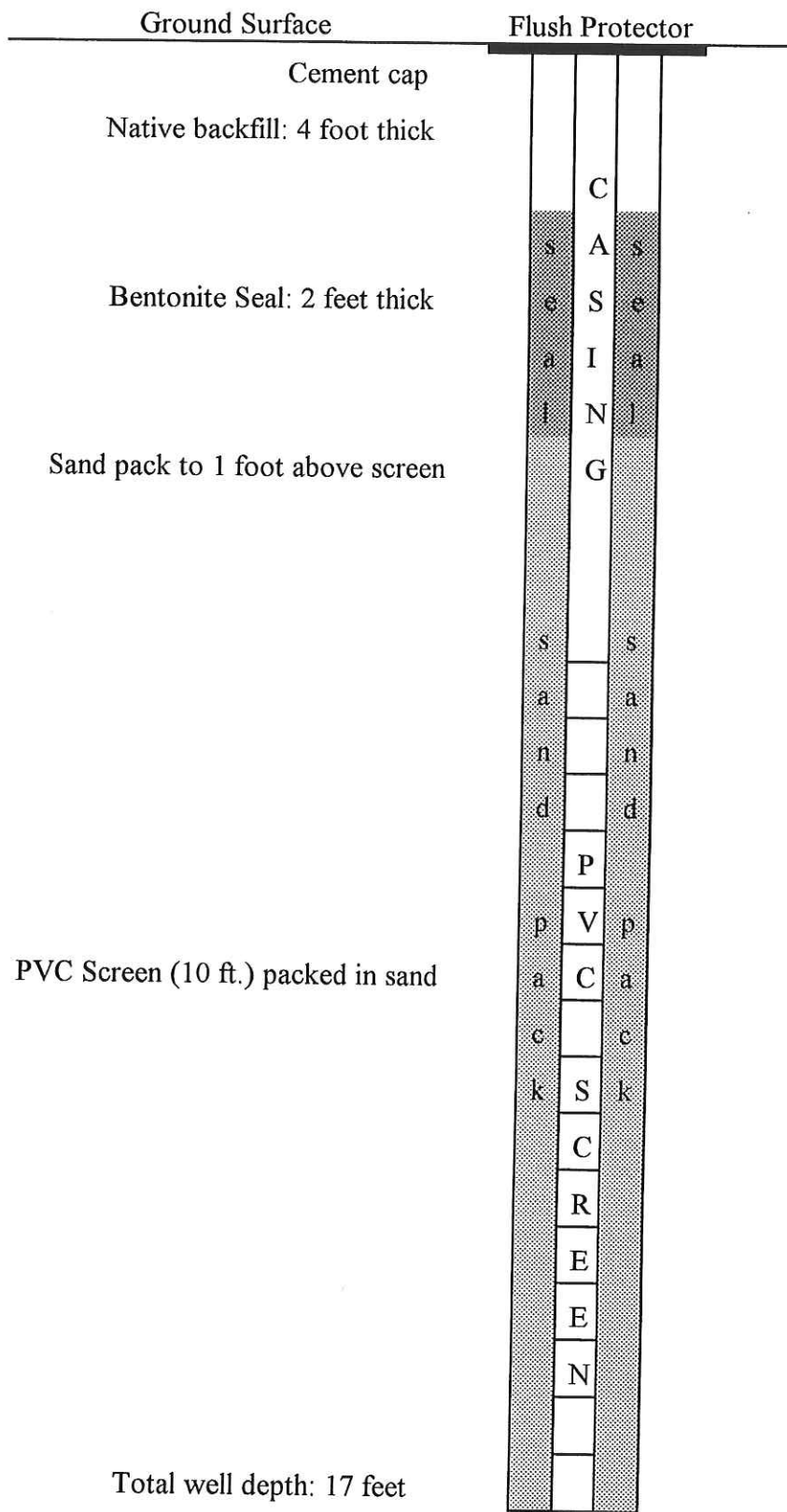
BORING # W-1

PROJ Town Garage  
 1 Main Street  
 TOWN East Haddam, Connecticut  
 CLIENT SHANAHAN CONSULTING

ELEVATION		PROJECT NO		ROCK CORE DIA.		DRILLER J. Lloret		DATE 11/12/03		
LINE & STA		OFFSET		METHOD 2 1/4" HSA		INSP N. Shanahan		PAGE 1 OF 1		
DEPTH		S.P.T. SAMPLE						A		FIELD IDENTIFICATION OF SOILS
SS-#	FROM	TO	0-6	6-12	12-18	18-24	REC	NOTES	DEPTH	
1	1.0	3.0	5	8	6	6	8"	DRY	0.6	Concrete
2	5.0	7.0	17	12	13	15	10"	DRY		Br. F. Sand, Some Silt Some C-F Gravel
									7.0	
3	10.0	12.0	5	7	6	6	12"	WET		Br. F. Sand and Silt
									17.0	End of Boring - 17.0 G.W.O. - 9.0  <u>WELL INSTALLED @ 17.0'</u> 10' SCREEN 6.5' RISER FLUSH PROTECTOR

COL A - BLOWS ON CASING  
 DRILL TIME PER FOOT  
 HAMMER - SPT 140# 30" FALL  
 SAMPLER - 1 3/8 ID SS  
 W - WEIGHT OF HAMMER

TRACE - 1-10%  
 LITTLE - 10-20% M-F MEDIUM TO FINE  
 SOME - 20-35% C-F COARSE TO FINE  
 AND - 35-50% GWO-GROUNDWATER LEVEL



CONSTRUCTION DIAGRAM FOR MONITOR WELL W1

ASSOCIATED BORINGS CO INC  
 119 Margaret Circle  
 Naugatuck, Ct. 06770  
 Tel (203) 729-5435  
 Fax (203) 729-5116

TEST BORING REPORT

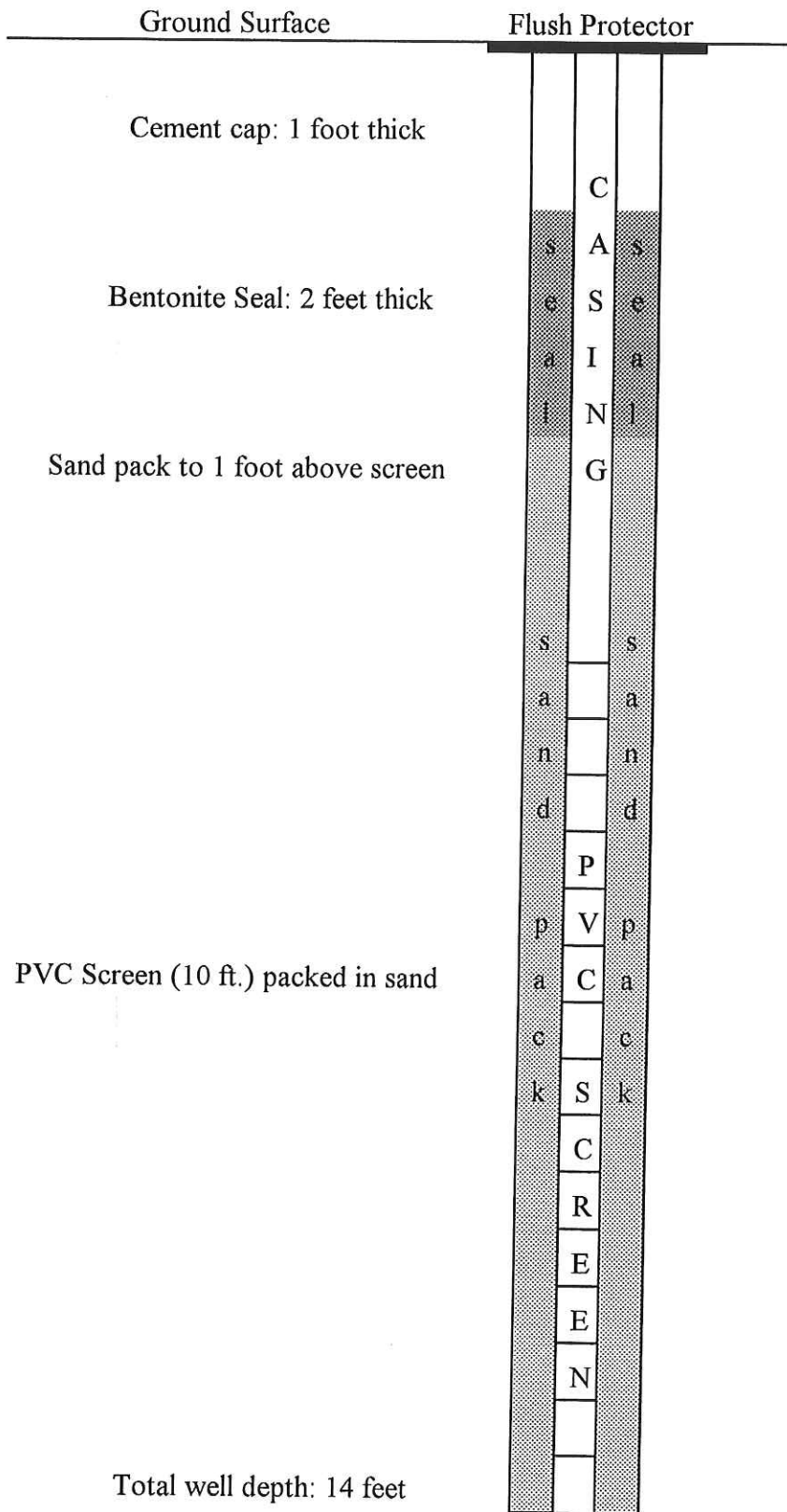
BORING # W-2

PROJ Town Garage  
 1 Main Street  
 TOWN East Haddam, Connecticut  
 CLIENT SHANAHAN CONSULTING

ELEVATION			PROJECT NO				ROCK CORE DIA.			DRILLER J. Lloret		DATE 11/12/03	
LINE & STA			OFFSET				METHOD 2 1/4" HSA			INSP N. Shanahan		PAGE 1 OF 1	
DEPTH			S.P.T. SAMPLE						A			FIELD IDENTIFICATION OF SOILS	
SS-#	FROM	TO	0-6	6-12	12-18	18-24	REC	NOTES	DEPTH				
									0.6			Bituminous Concrete	
												M. Gravel (Fill)	
									7.0				
												Br. F. Sand, Some Silt	
									15.0			End of Boring - 15.0	
												G.W.O. - 8.0	
												WELL INSTALLED @ 14.0'	
												10' SCREEN	
												4.5' RISER	
												FLUSH PROTECTOR	

COL A - BLOWS ON CASING  
 DRILL TIME PER FOOT  
 HAMMER - SPT 140# 30" FALL  
 SAMPLER - 1 3/8 ID SS  
 W - WEIGHT OF HAMMER

TRACE - 1-10%  
 LITTLE - 10-20% M-F MEDIUM TO FINE  
 SOME - 20-35% C-F COARSE TO FINE  
 AND - 35-50% GWO-GROUNDWATER LEVEL



CONSTRUCTION DIAGRAM FOR MONITOR WELL W2

ASSOCIATED BORINGS CO INC  
 119 Margaret Circle  
 Naugatuck, Ct. 06770  
 Tel (203) 729-5435  
 Fax (203) 729-5116

TEST BORING REPORT

BORING # W-3

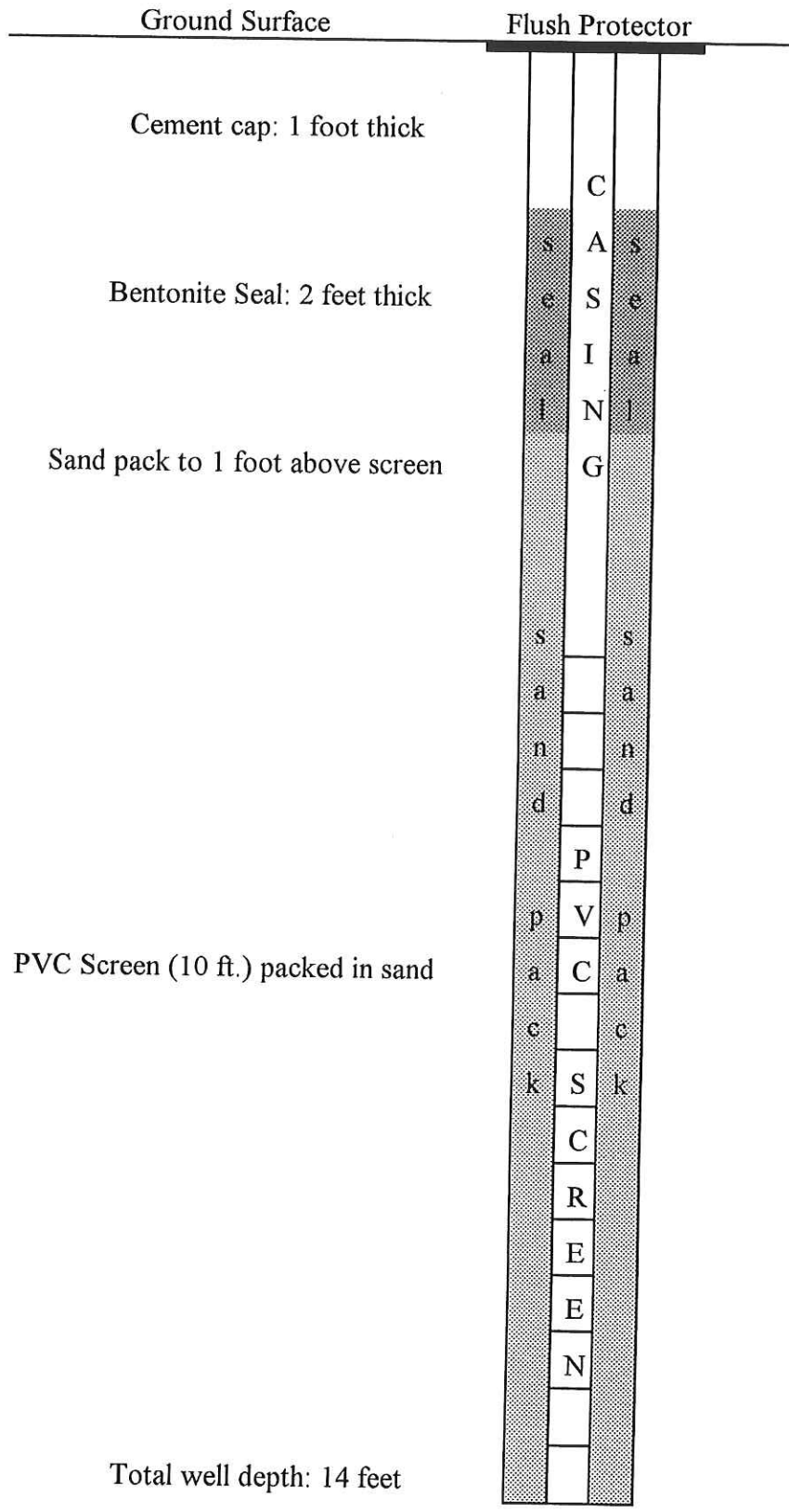
PROJ Town Garage  
 1 Main Street  
 TOWN East Haddam, Connecticut  
 CLIENT SHANAHAN CONSULTING

ELEVATION PROJECT NO ROCK CORE DIA. DRILLER J. Lloret DATE 11/13/03  
 LINE & STA OFFSET METHOD 2 1/4" HSA INSP N. Shanahan PAGE 1 OF 1

DEPTH			S.P.T. SAMPLE						A	FIELD IDENTIFICATION OF SOILS	
SS-#	FROM	TO	0-6	6-12	12-18	18-24	REC	NOTES	DEPTH		
1	0.0	2.0	2	2	3	2	3"	DRY	0.6	Bituminous Concrete	
										Br. M-F Sand and C-F Gravel (Fill)	
2	5.0	7.0	5	9	11	11	15"	WET			
									7.0		
										Br. F. Sand, Some Silt	
									14.0		
										End of Boring - 14.0	
										G.W.O. - 6.0	
										WELL INSTALLED @ 14.0'	
										10' SCREEN	
										4.0' RISER	
										FLUSH PROTECTOR	

COL A - BLOWS ON CASING  
 DRILL TIME PER FOOT  
 HAMMER - SPT 140# 30" FALL  
 SAMPLER - 1 3/8 ID SS  
 W - WEIGHT OF HAMMER

TRACE - 1-10%  
 LITTLE - 10-20% M-F MEDIUM TO FINE  
 SOME - 20-35% C-F COARSE TO FINE  
 AND - 35-50% GWO-GROUNDWATER LEVEL



CONSTRUCTION DIAGRAM FOR MONITOR WELL W3

ASSOCIATED BORINGS CO INC  
 119 Margaret Circle  
 Naugatuck, Ct. 06770  
 Tel (203) 729-5435  
 Fax (203) 729-5116

TEST BORING REPORT

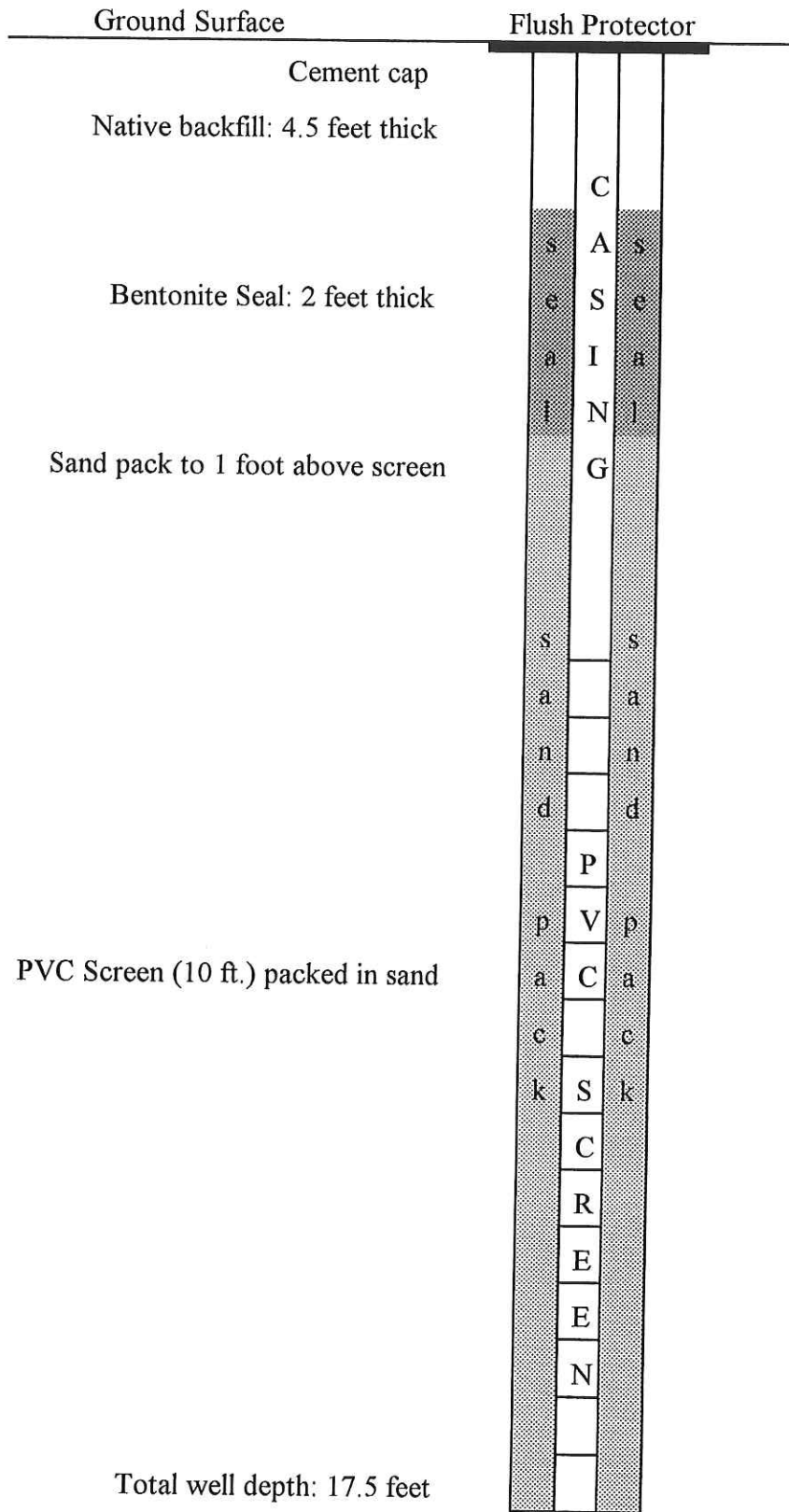
BORING # W-4

PROJ Town Garage  
 1 Main Street  
 TOWN East Haddam, Connecticut  
 CLIENT SHANAHAN CONSULTING

ELEVATION			PROJECT NO				ROCK CORE DIA.			DRILLER J. Lloret		DATE 11/13/03		
LINE & STA			OFFSET				METHOD 2 1/4" HSA			INSP N. Shanahan		PAGE 1 OF 1		
DEPTH			S.P.T. SAMPLE						A		FIELD IDENTIFICATION OF SOILS			
SS-#	FROM	TO	0-6	6-12	12-18	18-24	REC	NOTES	DEPTH					
									0.6	Topsoil				
										Br. M-F Sand and C-F Gravel (Fill)				
									7.0	Br. F. Sand, Some Silt				
									17.5	End of Boring - 17.5 G.W.O. - 9.0  <u>WELL INSTALLED @ 17.5'</u> 10' SCREEN 7' RISER FLUSH PROTECTOR				

COL A - BLOWS ON CASING  
 DRILL TIME PER FOOT  
 HAMMER - SPT 140# 30" FALL  
 SAMPLER - 1 3/8 ID SS  
 W - WEIGHT OF HAMMER

TRACE - 1-10%  
 LITTLE - 10-20% M-F MEDIUM TO FINE  
 SOME - 20-35% C-F COARSE TO FINE  
 AND - 35-50% GWO-GROUNDWATER LEVEL



CONSTRUCTION DIAGRAM FOR MONITOR WELL W4



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 119 Margaret Circle  
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 Tel (203) 729-5435  
 Fax (203) 729-5116

TEST BORING REPORT

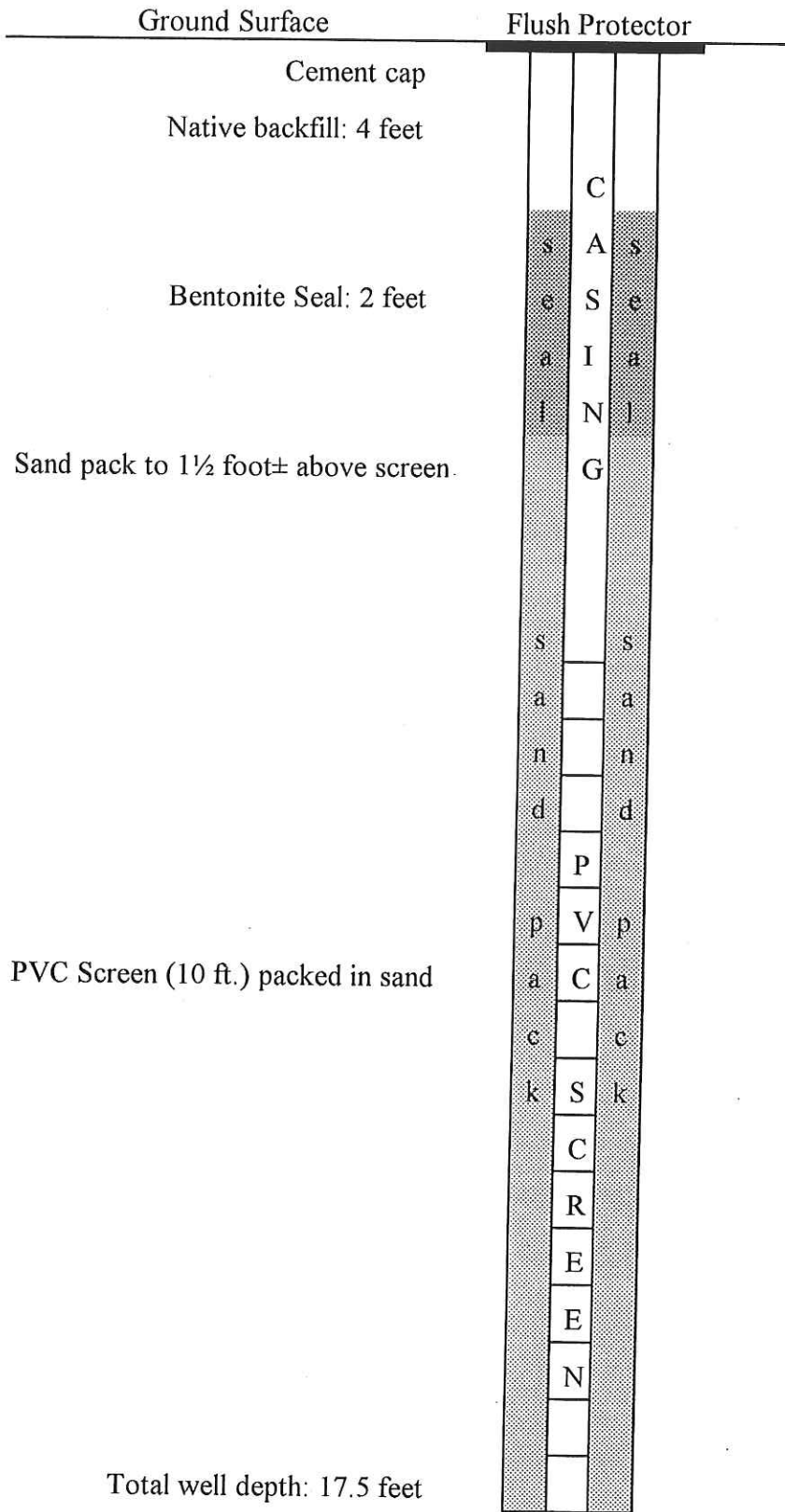
BORING # W-5

PROJ Town Garage  
 1 Main Street  
 TOWN East Haddam, Connecticut  
 CLIENT SHANAHAN CONSULTING

ELEVATION			PROJECT NO				ROCK CORE DIA.			DRILLER J. Lloret	DATE 7/20/04
LINE & STA			OFFSET				METHOD 4 1/4" HSA			INSP N. Shanahan	PAGE 1 OF 1
DEPTH			S.P.T. SAMPLE						A		FIELD IDENTIFICATION OF SOILS
SS-#	FROM	TO	0-6	6-12	12-18	18-24	REC	NOTES	DEPTH		
										0.6	Topsoil
											Br. M-F Sand and C-F Gravel (Fill)
										7.0	Br. F. Sand, Some Silt
										17.5	End of Boring - 17.5 G.W.O. - 9.0  WELL INSTALLED @ 17.5' 10' SCREEN 7' RISER FLUSH PROTECTOR

COL A - BLOWS ON CASING  
 DRILL TIME PER FOOT  
 HAMMER - SPT 140# 30" FALL  
 SAMPLER - 1 3/8 ID SS  
 W - WEIGHT OF HAMMER

TRACE - 1-10%  
 LITTLE - 10-20% M-F MEDIUM TO FINE  
 SOME - 20-35% C-F COARSE TO FINE  
 AND - 35-50% GWO-GROUNDWATER LEVEL



CONSTRUCTION DIAGRAM FOR MONITOR WELL W5

ASSOCIATED BORINGS CO INC  
 119 Margaret Circle  
 Naugatuck, Ct. 06770  
 Tel (203) 729-5435  
 Fax (203) 729-5116

TEST BORING REPORT

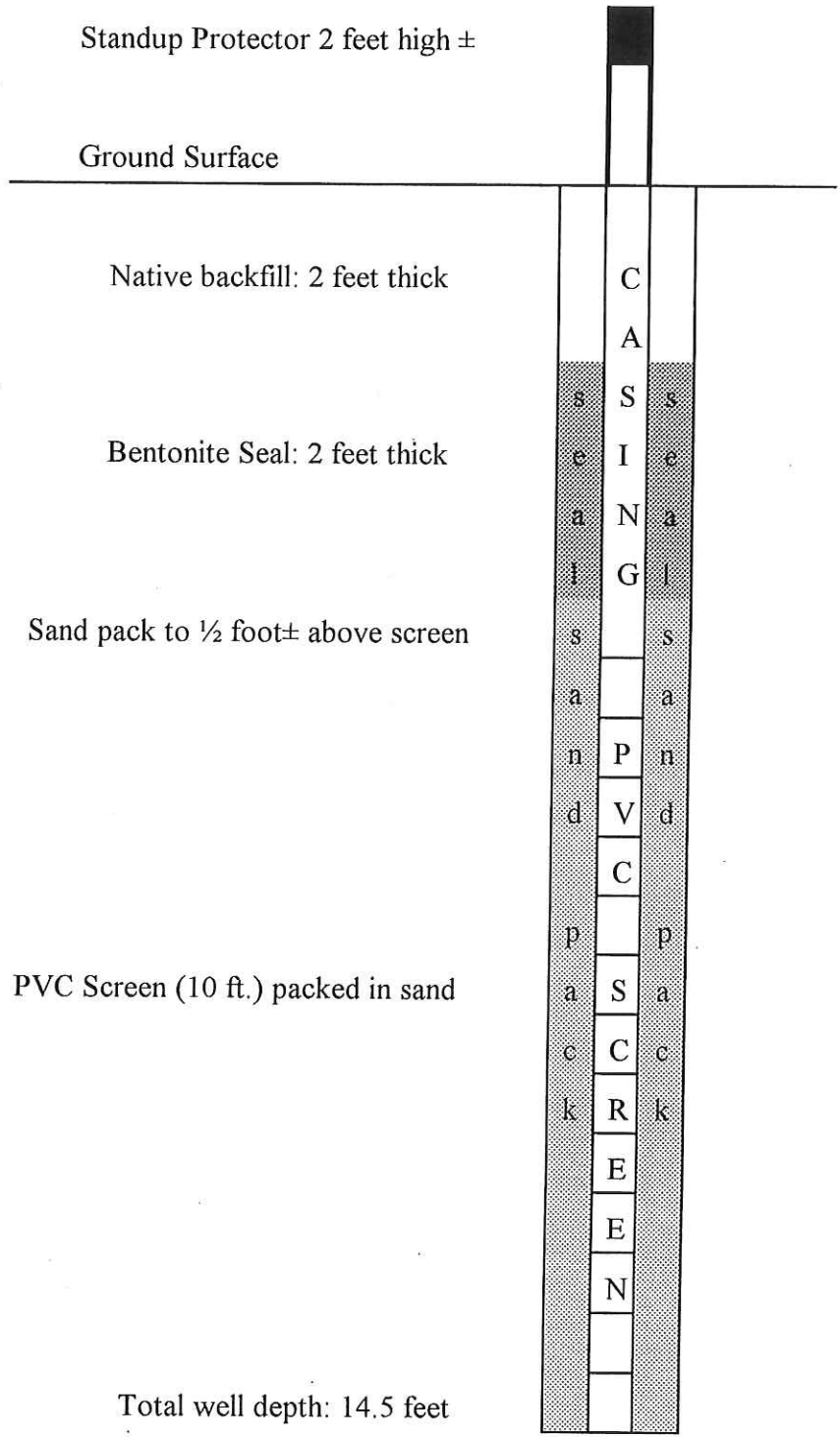
BORING # W-6

PROJ Town Garage  
 1 Main Street  
 TOWN East Haddam, Connecticut  
 CLIENT SHANAHAN CONSULTING

ELEVATION			PROJECT NO				ROCK CORE DIA.			DRILLER J. Lloret		DATE 7/20/04	
LINE & STA			OFFSET				METHOD 4 1/4" HSA			INSP N. Shanahan		PAGE 1 OF 1	
DEPTH			S.P.T. SAMPLE							A		FIELD IDENTIFICATION OF SOILS	
SS-#	FROM	TO	0-6	6-12	12-18	18-24	REC	NOTES	DEPTH				
									0.6	Topsoil			
										Br. M-F Sand and Silt			
									7.0	Br. M-F Sand, Tr. Silt			
									10.0	Red Br. M-F Sand and C-F Gravel Tr. Silt (Till)			
									14.5	End of Boring - 14.5 G.W.O. - 13.0  WELL INSTALLED @ 14.5'  10' SCREEN 6' RISER STICK-UP PROTECTOR			

COL A - BLOWS ON CASING  
 DRILL TIME PER FOOT  
 HAMMER - SPT 140# 30" FALL  
 SAMPLER - 1 3/8 ID SS  
 W - WEIGHT OF HAMMER

TRACE - 1-10%  
 LITTLE - 10-20% M-F MEDIUM TO FINE  
 SOME - 20-35% C-F COARSE TO FINE  
 AND - 35-50% GWO-GROUNDWATER LEVEL

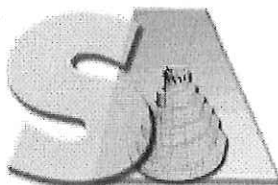


CONSTRUCTION DIAGRAM FOR MONITOR WELL W6

**Appendix B**

Results of Laboratory Ground Water Analyses and Low Flow Sampling Logs

Report Date:  
12-Apr-06 13:54



- Final Report
- Re-Issued Report
- Revised Report

SPECTRUM ANALYTICAL, INC.

Featuring

HANIBAL TECHNOLOGY

**Laboratory Report**

Shanahan Consulting  
36 Penfield Place  
Farmington, CT 06032-2200  
Attn: Ned Shanahan

Project: East Haddam Town Hall  
Project 06-09

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SA42703-01	W1	Water	29-Mar-06 12:08	30-Mar-06 16:45
SA42703-02	W2	Water	29-Mar-06 10:39	30-Mar-06 16:45
SA42703-03	W3	Water	29-Mar-06 09:57	30-Mar-06 16:45
SA42703-04	W4	Water	29-Mar-06 13:40	30-Mar-06 16:45
SA42703-05	W5	Water	29-Mar-06 14:19	30-Mar-06 16:45
SA42703-06	W6	Water	29-Mar-06 15:00	30-Mar-06 16:45
SA42703-07	MW1	Water	29-Mar-06 12:55	30-Mar-06 16:45
SA42703-08	MW2	Water	29-Mar-06 11:20	30-Mar-06 16:45
SA42703-09	MW3	Water	29-Mar-06 09:23	30-Mar-06 16:45

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. All applicable NELAC requirements have been met.

Please note that this report contains 41 pages of analytical data including Chain of Custody document(s).

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Maine # MA138  
New Hampshire # 2538/2972  
New York # 11393/11840  
Rhode Island # 98  
USDA # S-51435  
Vermont # VT-11393



Authorized by:

Hanibal C. Tayeh, Ph.D.  
President/Laboratory Director

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Sample IdentificationW1  
SA42703-01Client Project #  
06-09Matrix  
WaterCollection Date/Time  
29-Mar-06 12:08Received  
30-Mar-06

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<u>524.2 Purgeable Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	03-Apr-06	03-Apr-06	6040043	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-85-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

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\* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample IdentificationW1  
SA42703-01Client Project #  
06-09Matrix  
WaterCollection Date/Time  
29-Mar-06 12:08Received  
30-Mar-06

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<u>524.2 Purgeable Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	03-Apr-06	03-Apr-06	6040043	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
<u>Surrogate recoveries:</u>											
460-00-4	4-Bromofluorobenzene	99.8			80-120 %		"	"	"	"	"
2037-26-5	Toluene-d8	103			80-120 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	81.0			80-120 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	87.2			80-120 %		"	"	"	"	"
<b>Extractable Petroleum Hydrocarbons</b>											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	05-Apr-06	06-Apr-06	6040190	LK
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
<u>Surrogate recoveries:</u>											
3386-33-2	1-Chlorooctadecane	93.5			40-140 %		"	"	"	"	"
<b>Total Metals by EPA 200 Series Methods</b>											
7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0076		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	"	10-Apr-06	6031854	YP

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\* Reportable Detection Limit      BRL = Below Reporting Limit

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Sample Identification

W1  
SA42703-01

Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 12:08

Received

30-Mar-06

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<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Total Metals by EPA 200 Series Methods</b>											
7440-02-0	Nickel	BRL		mg/l	0.0050	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0081		mg/l	0.0050	1	"	"	"	"	"

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationW2  
SA42703-02Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 10:39

Received

30-Mar-06

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<b>524.2 Purgeable Organic Compounds</b>											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	03-Apr-06	03-Apr-06	6040043	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-86-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

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\* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample IdentificationW2  
SA42703-02Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 10:39

Received

30-Mar-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Volatile Organic Compounds</b>											
<u>524.2 Purgeable Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	03-Apr-06	03-Apr-06	6040043	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	99.2			80-120 %		"	"	"	"	"
2037-26-5	Toluene-d8	103			80-120 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	80.4			80-120 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	88.4			80-120 %		"	"	"	"	"
<b>Extractable Petroleum Hydrocarbons</b>											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	05-Apr-06	06-Apr-06	6040190	LK
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	102			40-140 %		"	"	"	"	"
<b>Total Metals by EPA 200 Series Methods</b>											
7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0122		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	"	10-Apr-06	6031854	YP

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

W2  
SA42703-02

Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 10:39

Received

30-Mar-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Total Metals by EPA 200 Series Methods</b>											
7440-02-0	Nickel	BRL		mg/l	0.0050	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7439-92-1	Lead	BRL		mg/l	0.0075	1	*	*	*	*	*
7782-49-2	Selenium	BRL		mg/l	0.0150	1	*	*	*	*	*
7440-66-6	Zinc	0.0094		mg/l	0.0050	1	*	*	*	*	*

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\* Reportable Detection Limit      BRL = Below Reporting Limit

Sample Identification  
**W3**  
 SA42703-03

Client Project #  
 06-09

Matrix  
 Water

Collection Date/Time  
 29-Mar-06 09:57

Received  
 30-Mar-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<b>524.2 Purgeable Organic Compounds</b>											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	03-Apr-06	03-Apr-06	6040043	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

W3  
SA42703-03

Client Project #  
06-09

Matrix  
Water

Collection Date/Time  
29-Mar-06 09:57

Received  
30-Mar-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>524.2 Purgeable Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	03-Apr-06	03-Apr-06	6040043	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	98.2			80-120 %		"	"	"	"	"
2037-26-5	Toluene-d8	104			80-120 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	81.8			80-120 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	90.0			80-120 %		"	"	"	"	"
<b>Extractable Petroleum Hydrocarbons</b>											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	05-Apr-06	06-Apr-06	6040190	LK
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	95.7			40-140 %		"	"	"	"	"
<b>Total Metals by EPA 200 Series Methods</b>											
7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0523		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	"	10-Apr-06	6031854	YP

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\* Reportable Detection Limit      BRL = Below Reporting Limit

Sample Identification

**W3**  
SA42703-03

Client Project #  
06-09

Matrix  
Water

Collection Date/Time  
29-Mar-06 09:57

Received  
30-Mar-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Total Metals by EPA 200 Series Methods</b>											
7440-02-0	Nickel	BRL		mg/l	0.0050	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7439-92-1	Lead	BRL		mg/l	0.0075	1	*	*	*	*	*
7782-49-2	Selenium	BRL		mg/l	0.0150	1	*	*	*	*	*
7440-66-6	Zinc	0.0072		mg/l	0.0050	1	*	*	*	*	*

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationW4  
SA42703-04Client Project #  
06-09Matrix  
WaterCollection Date/Time  
29-Mar-06 13:40Received  
30-Mar-06

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<b>524.2 Purgeable Organic Compounds</b>											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-85-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

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\* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

W4  
SA42703-04

Client Project #  
06-09

Matrix  
Water

Collection Date/Time  
29-Mar-06 13:40

Received  
30-Mar-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
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**Volatile Organic Compounds**

524.2 Purgeable Organic Compounds

Prepared by method SW846 5030 Water MS

630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"

*Surrogate recoveries:*

460-00-4	4-Bromofluorobenzene	98.4			80-120 %		"	"	"	"	"
2037-26-5	Toluene-d8	104			80-120 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	83.4			80-120 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	89.4			80-120 %		"	"	"	"	"

**Extractable Petroleum Hydrocarbons**

Extractable Total Petroleum Hydrocarbons

Prepared by method SW846 3535

8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	05-Apr-06	06-Apr-06	6040190	LK
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"

*Surrogate recoveries:*

3386-33-2	1-Chlorooctadecane	87.8			40-140 %		"	"	"	"	"
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**Total Metals by EPA 200 Series Methods**

7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0192		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	"	10-Apr-06	6031854	YP

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\* Reportable Detection Limit      BRL = Below Reporting Limit

Sample Identification

W4  
SA42703-04

Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 13:40

Received

30-Mar-06

---

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Total Metals by EPA 200 Series Methods</b>											
7440-02-0	Nickel	BRL		mg/l	0.0050	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7439-92-1	Lead	BRL		mg/l	0.0075	1	*	*	*	*	*
7782-49-2	Selenium	BRL		mg/l	0.0150	1	*	*	*	*	*
7440-66-6	Zinc	0.0066		mg/l	0.0050	1	*	*	*	*	*

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationW5  
SA42703-05Client Project #  
06-09Matrix  
WaterCollection Date/Time  
29-Mar-06 14:19Received  
30-Mar-06

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<b>524.2 Purgeable Organic Compounds</b>											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

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\* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample IdentificationW5  
SA42703-05Client Project #  
06-09Matrix  
WaterCollection Date/Time  
29-Mar-06 14:19Received  
30-Mar-06

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<u>524.2 Purgeable Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-68-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
<u>Surrogate recoveries:</u>											
460-00-4	4-Bromofluorobenzene	98.4			80-120 %		"	"	"	"	"
2037-26-5	Toluene-d8	104			80-120 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	83.6			80-120 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	90.0			80-120 %		"	"	"	"	"
<b>Extractable Petroleum Hydrocarbons</b>											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	05-Apr-06	06-Apr-06	6040190	LK
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
<u>Surrogate recoveries:</u>											
3386-33-2	1-Chlorooctadecane	51.3			40-140 %		"	"	"	"	"
<b>Total Metals by EPA 200 Series Methods</b>											
7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0928		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	"	10-Apr-06	6031854	YP

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\* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification

W5  
SA42703-05

Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 14:19

Received

30-Mar-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Total Metals by EPA 200 Series Methods</b>											
7440-02-0	Nickel	BRL		mg/l	0.0050	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7439-92-1	Lead	BRL		mg/l	0.0075	1	*	*	*	*	*
7782-49-2	Selenium	BRL		mg/l	0.0150	1	*	*	*	*	*
7440-66-6	Zinc	0.0070		mg/l	0.0050	1	*	*	*	*	*

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\* Reportable Detection Limit      BRL = Below Reporting Limit

Sample IdentificationW6  
SA42703-06Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 15:00

Received

30-Mar-06

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<b>524.2 Purgeable Organic Compounds</b>											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 17 of 41

Sample IdentificationW6  
SA42703-06Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 15:00

Received

30-Mar-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>524.2 Purgeable Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	98.2			80-120 %		"	"	"	"	"
2037-26-5	Toluene-d8	104			80-120 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	82.6			80-120 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	91.2			80-120 %		"	"	"	"	"
<b>Extractable Petroleum Hydrocarbons</b>											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	05-Apr-06	06-Apr-06	6040190	LK
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	91.0			40-140 %		"	"	"	"	"
<b>Total Metals by EPA 200 Series Methods</b>											
7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	"	10-Apr-06	6031854	YP

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification

W6  
SA42703-06

Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 15:00

Received

30-Mar-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Total Metals by EPA 200 Series Methods</b>											
7440-02-0	Nickel	BRL		mg/l	0.0050	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"
7782-49-2	Selenium	BRL		mg/l	0.0150	1	"	"	"	"	"
7440-66-6	Zinc	0.0085		mg/l	0.0050	1	"	"	"	"	"

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\* Reportable Detection Limit      BRL = Below Reporting Limit



Sample Identification

MW1  
SA42703-07

Client Project #  
06-09

Matrix  
Water

Collection Date/Time  
29-Mar-06 12:55

Received  
30-Mar-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<b>524.2 Purgeable Organic Compounds</b>											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

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\* Reportable Detection Limit      BRL = Below Reporting Limit

Sample Identification

MW1  
SA42703-07

Client Project #  
06-09

Matrix  
Water

Collection Date/Time  
29-Mar-06 12:55

Received  
30-Mar-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>524.2 Purgeable Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	98.0			80-120 %		"	"	"	"	"
2037-26-5	Toluene-d8	103			80-120 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	82.4			80-120 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	89.8			80-120 %		"	"	"	"	"
<b>Extractable Petroleum Hydrocarbons</b>											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	05-Apr-06	06-Apr-06	6040190	LK
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	95.7			40-140 %		"	"	"	"	"
<b>Total Metals by EPA 200 Series Methods</b>											
7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0176		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	"	10-Apr-06	6031854	YP

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\* Reportable Detection Limit      BRL = Below Reporting Limit

Sample Identification

MW1  
SA42703-07

Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 12:55

Received

30-Mar-06

---

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Total Metals by EPA 200 Series Methods</b>											
7440-02-0	Nickel	0.0058		mg/l	0.0050	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7439-92-1	Lead	BRL		mg/l	0.0075	1	*	*	*	*	*
7782-49-2	Selenium	BRL		mg/l	0.0150	1	*	*	*	*	*
7440-66-6	Zinc	0.0078		mg/l	0.0050	1	*	*	*	*	*

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample IdentificationMW2  
SA42703-08Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 11:20

Received

30-Mar-06

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
<b>Volatile Organic Compounds</b>											
<b>524.2 Purgeable Organic Compounds</b>											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Page 23 of 41

Sample Identification  
 MW2  
 SA42703-08

Client Project #  
 06-09

Matrix  
 Water

Collection Date/Time  
 29-Mar-06 11:20

Received  
 30-Mar-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>524.2 Purgeable Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	96.4			80-120 %		"	"	"	"	"
2037-26-5	Toluene-d8	103			80-120 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	83.0			80-120 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	89.6			80-120 %		"	"	"	"	"
<b>Extractable Petroleum Hydrocarbons</b>											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3535											
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	05-Apr-06	06-Apr-06	6040190	LK
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	107			40-140 %		"	"	"	"	"
<b>Total Metals by EPA 200 Series Methods</b>											
7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0193		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	"	10-Apr-06	6031854	YP

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\* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification

MW2  
SA42703-08

Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 11:20

Received

30-Mar-06

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<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Total Metals by EPA 200 Series Methods</b>											
7440-02-0	Nickel	0.0070		mg/l	0.0050	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7439-92-1	Lead	BRL		mg/l	0.0075	1	*	*	*	*	*
7782-49-2	Selenium	BRL		mg/l	0.0150	1	*	*	*	*	*
7440-66-6	Zinc	0.0088		mg/l	0.0050	1	*	*	*	*	*

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\* Reportable Detection Limit      BRL = Below Reporting Limit

Sample Identification  
 MW3  
 SA42703-09

Client Project #  
 06-09

Matrix  
 Water

Collection Date/Time  
 29-Mar-06 09:23

Received  
 30-Mar-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<b>524.2 Purgeable Organic Compounds</b>											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

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\* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification  
 MW3  
 SA42703-09

Client Project #  
 06-09

Matrix  
 Water

Collection Date/Time  
 29-Mar-06 09:23

Received  
 30-Mar-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
<b>Volatile Organic Compounds</b>											
<u>524.2 Purgeable Organic Compounds</u>											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	31-Mar-06	01-Apr-06	6031872	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
460-00-4	4-Bromofluorobenzene	98.0			80-120 %		"	"	"	"	"
2037-26-5	Toluene-d8	103			80-120 %		"	"	"	"	"
17060-07-0	1,2-Dichloroethane-d4	83.0			80-120 %		"	"	"	"	"
1868-53-7	Dibromofluoromethane	89.2			80-120 %		"	"	"	"	"
<b>Extractable Petroleum Hydrocarbons</b>											
<u>Extractable Total Petroleum Hydrocarbons</u>											
Prepared by method SW846 3535											
8008-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	05-Apr-06	06-Apr-06	6040190	LK
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"
	Unidentified	BRL		mg/l	0.1	1	"	"	"	"	"
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"
<i>Surrogate recoveries:</i>											
3386-33-2	1-Chlorooctadecane	98.2			40-140 %		"	"	"	"	"
<b>Total Metals by EPA 200 Series Methods</b>											
7440-22-4	Silver	BRL		mg/l	0.0100	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7440-38-2	Arsenic	BRL		mg/l	0.0080	1	"	"	"	"	"
7440-39-3	Barium	0.0241		mg/l	0.0050	1	"	"	"	"	"
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"
7440-50-8	Copper	BRL		mg/l	0.0050	1	"	"	"	"	"
7439-97-6	Mercury	BRL		mg/l	0.00020	1	EPA 245.1/7470A	"	10-Apr-06	6031854	YP

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\* Reportable Detection Limit BRL = Below Reporting Limit



Sample Identification

MW3

SA42703-09

Client Project #

06-09

Matrix

Water

Collection Date/Time

29-Mar-06 09:23

Received

30-Mar-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
<b>Total Metals by EPA 200 Series Methods</b>											
7440-02-0	Nickel	BRL		mg/l	0.0050	1	EPA 200.7	03-Apr-06	05-Apr-06	6031853	LR
7439-92-1	Lead	BRL		mg/l	0.0075	1	*	*	*	*	*
7782-49-2	Selenium	BRL		mg/l	0.0150	1	*	*	*	*	*
7440-66-6	Zinc	0.0132		mg/l	0.0050	1	*	*	*	*	*

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\* Reportable Detection Limit

BRL = Below Reporting Limit

### Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6031872 - SW846 5030 Water MS</b>										
<b>Blank (6031872-BLK1)</b>										
Prepared: 31-Mar-06 Analyzed: 01-Apr-06										
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	0.5						
Bromobenzene	BRL		µg/l	0.5						
Bromochloromethane	BRL		µg/l	0.5						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	0.5						
Bromomethane	BRL		µg/l	0.5						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	0.5						
sec-Butylbenzene	BRL		µg/l	0.5						
tert-Butylbenzene	BRL		µg/l	0.5						
Carbon disulfide	BRL		µg/l	0.5						
Carbon tetrachloride	BRL		µg/l	0.5						
Chlorobenzene	BRL		µg/l	0.5						
Chloroethane	BRL		µg/l	0.5						
Chloroform	BRL		µg/l	0.5						
Chloromethane	BRL		µg/l	0.5						
2-Chlorotoluene	BRL		µg/l	0.5						
4-Chlorotoluene	BRL		µg/l	0.5						
1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	0.5						
1,2-Dichlorobenzene	BRL		µg/l	0.5						
1,3-Dichlorobenzene	BRL		µg/l	0.5						
1,4-Dichlorobenzene	BRL		µg/l	0.5						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5						
1,1-Dichloroethane	BRL		µg/l	0.5						
1,2-Dichloroethane	BRL		µg/l	0.5						
1,1-Dichloroethene	BRL		µg/l	0.5						
cis-1,2-Dichloroethene	BRL		µg/l	0.5						
trans-1,2-Dichloroethene	BRL		µg/l	0.5						
1,2-Dichloropropane	BRL		µg/l	0.5						
1,3-Dichloropropane	BRL		µg/l	0.5						
2,2-Dichloropropane	BRL		µg/l	0.5						
1,1-Dichloropropene	BRL		µg/l	0.5						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	0.5						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	0.5						
4-Isopropyltoluene	BRL		µg/l	0.5						
Methyl tert-butyl ether	BRL		µg/l	0.5						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	0.5						
Naphthalene	BRL		µg/l	0.5						
n-Propylbenzene	BRL		µg/l	0.5						
Styrene	BRL		µg/l	0.5						
1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	0.5						
Toluene	BRL		µg/l	0.5						
1,2,3-Trichlorobenzene	BRL		µg/l	0.5						

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### Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6031872 - SW846 5030 Water MS</b>										
<b>Blank (6031872-BLK1)</b>										
Prepared: 31-Mar-06 Analyzed: 01-Apr-06										
1,2,4-Trichlorobenzene	BRL		µg/l	0.5						
1,1,1-Trichloroethane	BRL		µg/l	0.5						
1,1,2-Trichloroethane	BRL		µg/l	0.5						
Trichloroethene	BRL		µg/l	0.5						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5						
1,2,3-Trichloropropane	BRL		µg/l	0.5						
1,2,4-Trimethylbenzene	BRL		µg/l	0.5						
1,3,5-Trimethylbenzene	BRL		µg/l	0.5						
Vinyl chloride	BRL		µg/l	0.5						
m,p-Xylene	BRL		µg/l	0.5						
o-Xylene	BRL		µg/l	0.5						
Tetrahydrofuran	BRL		µg/l	10.0						
Tert-amyl methyl ether	BRL		µg/l	0.5						
Ethyl tert-butyl ether	BRL		µg/l	0.5						
Di-isopropyl ether	BRL		µg/l	0.5						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
Surrogate: 4-Bromofluorobenzene	49.6		µg/l		50.0		99.2	80-120		
Surrogate: Toluene-d8	51.2		µg/l		50.0		102	80-120		
Surrogate: 1,2-Dichloroethane-d4	41.2		µg/l		50.0		82.4	80-120		
Surrogate: Dibromofluoromethane	44.3		µg/l		50.0		88.6	80-120		
<b>LCS (6031872-BS1)</b>										
Prepared: 31-Mar-06 Analyzed: 01-Apr-06										
Acetone	23.3		µg/l		20.0		116	70-130		
Acrylonitrile	20.7		µg/l		20.0		104	70-130		
Benzene	19.8		µg/l		20.0		99.0	80-120		
Bromobenzene	23.4		µg/l		20.0		117	80-120		
Bromochloromethane	19.1		µg/l		20.0		95.5	80-120		
Bromodichloromethane	24.0		µg/l		20.0		120	80-120		
Bromoform	29.4	QC-2	µg/l		20.0		147	80-120		
Bromomethane	28.9	QC-2	µg/l		20.0		144	80-120		
2-Butanone (MEK)	18.8		µg/l		20.0		94.0	70-130		
n-Butylbenzene	18.2		µg/l		20.0		91.0	80-120		
sec-Butylbenzene	20.6		µg/l		20.0		103	80-120		
tert-Butylbenzene	20.4		µg/l		20.0		102	80-120		
Carbon disulfide	21.4		µg/l		20.0		107	70-130		
Carbon tetrachloride	20.8		µg/l		20.0		104	80-120		
Chlorobenzene	22.2		µg/l		20.0		111	80-120		
Chloroethane	18.9		µg/l		20.0		94.5	80-120		
Chloroform	18.8		µg/l		20.0		94.0	80-120		
Chloromethane	25.4	QC-2	µg/l		20.0		127	80-120		
2-Chlorotoluene	19.9		µg/l		20.0		99.5	80-120		
4-Chlorotoluene	20.4		µg/l		20.0		102	80-120		
1,2-Dibromo-3-chloropropane	20.9		µg/l		20.0		104	80-120		
Dibromochloromethane	27.1	QC-2	µg/l		20.0		136	80-120		
1,2-Dibromoethane (EDB)	22.2		µg/l		20.0		111	80-120		
Dibromomethane	21.8		µg/l		20.0		109	80-120		
1,2-Dichlorobenzene	20.6		µg/l		20.0		103	80-120		
1,3-Dichlorobenzene	23.0		µg/l		20.0		115	80-120		
1,4-Dichlorobenzene	20.0		µg/l		20.0		100	80-120		
Dichlorodifluoromethane (Freon12)	22.7		µg/l		20.0		114	80-120		
1,1-Dichloroethane	20.7		µg/l		20.0		104	80-120		
1,2-Dichloroethane	17.5		µg/l		20.0		87.5	80-120		
1,1-Dichloroethene	20.8		µg/l		20.0		104	80-120		
cis-1,2-Dichloroethene	18.9		µg/l		20.0		94.5	80-120		
trans-1,2-Dichloroethene	19.2		µg/l		20.0		96.0	80-120		

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\* Reportable Detection Limit      BRL = Below Reporting Limit

### Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6031872 - SW846 5030 Water MS</b>										
<b>LCS (6031872-BS1)</b>										
Prepared: 31-Mar-06 Analyzed: 01-Apr-06										
1,2-Dichloropropane	22.0		µg/l		20.0		110	80-120		
1,3-Dichloropropane	21.8		µg/l		20.0		109	80-120		
2,2-Dichloropropane	6.8	QC-2	µg/l		20.0		34.0	80-120		
1,1-Dichloropropene	16.9		µg/l		20.0		84.5	80-120		
cis-1,3-Dichloropropene	16.9		µg/l		20.0		84.5	80-120		
trans-1,3-Dichloropropene	16.2		µg/l		20.0		81.0	80-120		
Ethylbenzene	21.3		µg/l		20.0		106	80-120		
Hexachlorobutadiene	18.6		µg/l		20.0		93.0	80-120		
2-Hexanone (MBK)	19.2		µg/l		20.0		96.0	70-130		
Isopropylbenzene	20.6		µg/l		20.0		103	80-120		
4-Isopropyltoluene	19.3		µg/l		20.0		96.5	80-120		
Methyl tert-butyl ether	20.0		µg/l		20.0		100	80-120		
4-Methyl-2-pentanone (MIBK)	20.2		µg/l		20.0		101	70-130		
Methylene chloride	19.2		µg/l		20.0		96.0	80-120		
Naphthalene	21.1		µg/l		20.0		106	80-120		
n-Propylbenzene	20.8		µg/l		20.0		104	80-120		
Styrene	21.4		µg/l		20.0		107	80-120		
1,1,1,2-Tetrachloroethane	24.0		µg/l		20.0		120	80-120		
1,1,1,2,2-Tetrachloroethane	22.7		µg/l		20.0		114	80-120		
Tetrachloroethene	22.5		µg/l		20.0		112	80-120		
Toluene	21.0		µg/l		20.0		105	80-120		
1,2,3-Trichlorobenzene	20.9		µg/l		20.0		104	80-120		
1,2,4-Trichlorobenzene	19.0		µg/l		20.0		95.0	80-120		
1,1,1-Trichloroethane	17.1		µg/l		20.0		85.5	80-120		
1,1,2-Trichloroethane	22.3		µg/l		20.0		112	80-120		
Trichloroethene	21.1		µg/l		20.0		106	80-120		
Trichlorofluoromethane (Freon 11)	21.1		µg/l		20.0		106	80-120		
1,2,3-Trichloropropane	23.9		µg/l		20.0		120	80-120		
1,2,4-Trimethylbenzene	21.0		µg/l		20.0		105	80-120		
1,3,5-Trimethylbenzene	20.3		µg/l		20.0		102	80-120		
Vinyl chloride	20.9		µg/l		20.0		104	80-120		
m,p-Xylene	42.2		µg/l		40.0		106	80-120		
o-Xylene	22.3		µg/l		20.0		112	80-120		
Tetrahydrofuran	16.7		µg/l		20.0		83.5	70-130		
Tert-amyl methyl ether	23.7		µg/l		20.0		118	70-130		
Ethyl tert-butyl ether	17.6		µg/l		20.0		88.0	70-130		
Di-isopropyl ether	16.9		µg/l		20.0		84.5	70-130		
Tert-Butanol / butyl alcohol	211		µg/l		200		106	70-130		
Surrogate: 4-Bromofluorobenzene	52.4		µg/l		50.0		105	80-120		
Surrogate: Toluene-d8	51.6		µg/l		50.0		103	80-120		
Surrogate: 1,2-Dichloroethane-d4	40.6		µg/l		50.0		81.2	80-120		
Surrogate: Dibromofluoromethane	44.4		µg/l		50.0		88.8	80-120		
<b>Matrix Spike (6031872-MS1) Source: SA42690-01</b>										
Prepared: 31-Mar-06 Analyzed: 01-Apr-06										
Benzene	16.6		µg/l		20.0	BRL	83.0	80-120		
Chlorobenzene	21.0		µg/l		20.0	BRL	105	80-120		
1,1-Dichloroethene	18.4		µg/l		20.0	BRL	92.0	80-120		
Toluene	18.8		µg/l		20.0	BRL	94.0	80-120		
Trichloroethene	19.2		µg/l		20.0	BRL	96.0	80-120		
Surrogate: 4-Bromofluorobenzene	50.7		µg/l		50.0		101	80-120		
Surrogate: Toluene-d8	50.6		µg/l		50.0		101	80-120		
Surrogate: 1,2-Dichloroethane-d4	40.9		µg/l		50.0		81.8	80-120		
Surrogate: Dibromofluoromethane	43.7		µg/l		50.0		87.4	80-120		
<b>Matrix Spike Dup (6031872-MSD1) Source: SA42690-01</b>										

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### Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6031872 - SW846 5030 Water MS</b>										
Prepared: 31-Mar-06 Analyzed: 01-Apr-06										
Benzene	16.9		µg/l		20.0	BRL	84.5	80-120	1.79	20
Chlorobenzene	21.0		µg/l		20.0	BRL	105	80-120	0.00	20
1,1-Dichloroethene	17.6		µg/l		20.0	BRL	88.0	80-120	4.44	20
Toluene	18.9		µg/l		20.0	BRL	94.5	80-120	0.531	20
Trichloroethene	19.5		µg/l		20.0	BRL	97.5	80-120	1.55	20
Surrogate: 4-Bromofluorobenzene	49.8		µg/l		50.0		99.6	80-120		
Surrogate: Toluene-d8	51.0		µg/l		50.0		102	80-120		
Surrogate: 1,2-Dichloroethane-d4	41.4		µg/l		50.0		82.8	80-120		
Surrogate: Dibromofluoromethane	44.1		µg/l		50.0		88.2	80-120		
<b>Batch 6040043 - SW846 5030 Water MS</b>										
<b>Blank (6040043-BLK1)</b>										
Prepared & Analyzed: 03-Apr-06										
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	0.5						
Bromobenzene	BRL		µg/l	0.5						
Bromochloromethane	BRL		µg/l	0.5						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	0.5						
Bromomethane	BRL		µg/l	0.5						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	0.5						
sec-Butylbenzene	BRL		µg/l	0.5						
tert-Butylbenzene	BRL		µg/l	0.5						
Carbon disulfide	BRL		µg/l	0.5						
Carbon tetrachloride	BRL		µg/l	0.5						
Chlorobenzene	BRL		µg/l	0.5						
Chloroethane	BRL		µg/l	0.5						
Chloroform	BRL		µg/l	0.5						
Chloromethane	BRL		µg/l	0.5						
2-Chlorotoluene	BRL		µg/l	0.5						
4-Chlorotoluene	BRL		µg/l	0.5						
1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	0.5						
1,2-Dichlorobenzene	BRL		µg/l	0.5						
1,3-Dichlorobenzene	BRL		µg/l	0.5						
1,4-Dichlorobenzene	BRL		µg/l	0.5						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5						
1,1-Dichloroethane	BRL		µg/l	0.5						
1,2-Dichloroethane	BRL		µg/l	0.5						
1,1-Dichloroethene	BRL		µg/l	0.5						
cis-1,2-Dichloroethene	BRL		µg/l	0.5						
trans-1,2-Dichloroethene	BRL		µg/l	0.5						
1,2-Dichloropropane	BRL		µg/l	0.5						
1,3-Dichloropropane	BRL		µg/l	0.5						
2,2-Dichloropropane	BRL		µg/l	0.5						
1,1-Dichloropropene	BRL		µg/l	0.5						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	0.5						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	0.5						
4-Isopropyltoluene	BRL		µg/l	0.5						

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\* Reportable Detection Limit

BRL = Below Reporting Limit

**Volatile Organic Compounds - Quality Control**

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6040043 - SW846 5030 Water MS</b>										
<b>Blank (6040043-BLK1)</b>										
Prepared & Analyzed: 03-Apr-06										
Methyl tert-butyl ether	BRL		µg/l	0.5						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	0.5						
Naphthalene	BRL		µg/l	0.5						
n-Propylbenzene	BRL		µg/l	0.5						
Styrene	BRL		µg/l	0.5						
1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	0.5						
Toluene	BRL		µg/l	0.5						
1,2,3-Trichlorobenzene	BRL		µg/l	0.5						
1,2,4-Trichlorobenzene	BRL		µg/l	0.5						
1,1,1-Trichloroethane	BRL		µg/l	0.5						
1,1,2-Trichloroethane	BRL		µg/l	0.5						
Trichloroethene	BRL		µg/l	0.5						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5						
1,2,3-Trichloropropane	BRL		µg/l	0.5						
1,2,4-Trimethylbenzene	BRL		µg/l	0.5						
1,3,5-Trimethylbenzene	BRL		µg/l	0.5						
Vinyl chloride	BRL		µg/l	0.5						
m,p-Xylene	BRL		µg/l	0.5						
o-Xylene	BRL		µg/l	0.5						
Tetrahydrofuran	BRL		µg/l	10.0						
Tert-amyl methyl ether	BRL		µg/l	0.5						
Ethyl tert-butyl ether	BRL		µg/l	0.5						
Di-isopropyl ether	BRL		µg/l	0.5						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
Surrogate: 4-Bromofluorobenzene	48.6		µg/l		50.0		97.2	80-120		
Surrogate: Toluene-d8	51.4		µg/l		50.0		103	80-120		
Surrogate: 1,2-Dichloroethane-d4	40.5		µg/l		50.0		81.0	80-120		
Surrogate: Dibromofluoromethane	44.8		µg/l		50.0		89.6	80-120		
<b>LCS (6040043-BS1)</b>										
Prepared & Analyzed: 03-Apr-06										
Acetone	23.7		µg/l		20.0		118	70-130		
Acrylonitrile	21.8		µg/l		20.0		109	70-130		
Benzene	19.5		µg/l		20.0		97.5	80-120		
Bromobenzene	24.0		µg/l		20.0		120	80-120		
Bromochloromethane	19.2		µg/l		20.0		96.0	80-120		
Bromodichloromethane	25.5	QC-2	µg/l		20.0		128	80-120		
Bromoform	34.4	QC-2	µg/l		20.0		172	80-120		
Bromomethane	29.9	QC-2	µg/l		20.0		150	80-120		
2-Butanone (MEK)	16.0		µg/l		20.0		80.0	70-130		
n-Butylbenzene	18.9		µg/l		20.0		94.5	80-120		
sec-Butylbenzene	21.3		µg/l		20.0		106	80-120		
tert-Butylbenzene	21.0		µg/l		20.0		105	80-120		
Carbon disulfide	22.1		µg/l		20.0		110	70-130		
Carbon tetrachloride	25.8	QC-2	µg/l		20.0		129	80-120		
Chlorobenzene	22.3		µg/l		20.0		112	80-120		
Chloroethane	19.3		µg/l		20.0		96.5	80-120		
Chloroform	18.6		µg/l		20.0		93.0	80-120		
Chloromethane	24.0		µg/l		20.0		120	80-120		
2-Chlorotoluene	21.0		µg/l		20.0		105	80-120		
4-Chlorotoluene	20.9		µg/l		20.0		104	80-120		
1,2-Dibromo-3-chloropropane	23.7		µg/l		20.0		118	80-120		
Dibromochloromethane	30.4	QC-2	µg/l		20.0		152	80-120		

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\* Reportable Detection Limit

BRL = Below Reporting Limit

**Volatile Organic Compounds - Quality Control**

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6040043 - SW846 5030 Water MS</b>										
<u>LCS (6040043-BS1)</u>										
Prepared & Analyzed: 03-Apr-06										
1,2-Dibromoethane (EDB)	22.9		µg/l		20.0		114	80-120		
Dibromomethane	22.5		µg/l		20.0		112	80-120		
1,2-Dichlorobenzene	21.1		µg/l		20.0		106	80-120		
1,3-Dichlorobenzene	23.4		µg/l		20.0		117	80-120		
1,4-Dichlorobenzene	20.5		µg/l		20.0		102	80-120		
Dichlorodifluoromethane (Freon12)	23.6		µg/l		20.0		118	80-120		
1,1-Dichloroethane	21.0		µg/l		20.0		105	80-120		
1,2-Dichloroethane	17.6		µg/l		20.0		88.0	80-120		
1,1-Dichloroethene	21.7		µg/l		20.0		108	80-120		
cis-1,2-Dichloroethene	19.3		µg/l		20.0		96.5	80-120		
trans-1,2-Dichloroethene	19.8		µg/l		20.0		99.0	80-120		
1,2-Dichloropropane	22.1		µg/l		20.0		110	80-120		
1,3-Dichloropropane	22.2		µg/l		20.0		111	80-120		
2,2-Dichloropropane	7.7	QC-2	µg/l		20.0		38.5	80-120		
1,1-Dichloropropene	17.4		µg/l		20.0		87.0	80-120		
cis-1,3-Dichloropropene	18.3		µg/l		20.0		91.5	80-120		
trans-1,3-Dichloropropene	18.1		µg/l		20.0		90.5	80-120		
Ethylbenzene	21.4		µg/l		20.0		107	80-120		
Hexachlorobutadiene	20.0		µg/l		20.0		100	80-120		
2-Hexanone (MBK)	19.2		µg/l		20.0		96.0	70-130		
Isopropylbenzene	21.0		µg/l		20.0		105	80-120		
4-Isopropyltoluene	19.7		µg/l		20.0		98.5	80-120		
Methyl tert-butyl ether	20.0		µg/l		20.0		100	80-120		
4-Methyl-2-pentanone (MIBK)	19.9		µg/l		20.0		99.5	70-130		
Methylene chloride	19.3		µg/l		20.0		96.5	80-120		
Naphthalene	21.6		µg/l		20.0		108	80-120		
n-Propylbenzene	21.4		µg/l		20.0		107	80-120		
Styrene	22.0		µg/l		20.0		110	80-120		
1,1,1,2-Tetrachloroethane	27.8	QC-2	µg/l		20.0		139	80-120		
1,1,2,2-Tetrachloroethane	23.7		µg/l		20.0		118	80-120		
Tetrachloroethene	23.3		µg/l		20.0		116	80-120		
Toluene	21.0		µg/l		20.0		105	80-120		
1,2,3-Trichlorobenzene	22.0		µg/l		20.0		110	80-120		
1,2,4-Trichlorobenzene	20.4		µg/l		20.0		102	80-120		
1,1,1-Trichloroethane	17.7		µg/l		20.0		88.5	80-120		
1,1,2-Trichloroethane	23.0		µg/l		20.0		115	80-120		
Trichloroethene	20.9		µg/l		20.0		104	80-120		
Trichlorofluoromethane (Freon 11)	22.8		µg/l		20.0		114	80-120		
1,2,3-Trichloropropane	23.9		µg/l		20.0		120	80-120		
1,2,4-Trimethylbenzene	21.5		µg/l		20.0		108	80-120		
1,3,5-Trimethylbenzene	20.7		µg/l		20.0		104	80-120		
Vinyl chloride	21.1		µg/l		20.0		106	80-120		
m,p-Xylene	43.5		µg/l		40.0		109	80-120		
o-Xylene	22.8		µg/l		20.0		114	80-120		
Tetrahydrofuran	17.4		µg/l		20.0		87.0	70-130		
Tert-amyl methyl ether	23.7		µg/l		20.0		118	70-130		
Ethyl tert-butyl ether	17.0		µg/l		20.0		85.0	70-130		
Di-isopropyl ether	17.3		µg/l		20.0		86.5	70-130		
Tert-Butanol / butyl alcohol	211		µg/l		200		106	70-130		
Surrogate: 4-Bromofluorobenzene	52.9		µg/l		50.0		106	80-120		
Surrogate: Toluene-d8	51.3		µg/l		50.0		103	80-120		
Surrogate: 1,2-Dichloroethane-d4	39.7	S-GC	µg/l		50.0		79.4	80-120		
Surrogate: Dibromofluoromethane	44.3		µg/l		50.0		88.6	80-120		

Matrix Spike (6040043-MS1)

Source: SA42690-13

Prepared & Analyzed: 03-Apr-06

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\* Reportable Detection Limit

BRL = Below Reporting Limit

### Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6040043 - SW846 5030 Water MS</b>										
<u>Matrix Spike (6040043-MS1)</u>		Source: SA42690-13								
Prepared & Analyzed: 03-Apr-06										
Benzene	16.8		µg/l		20.0	BRL	84.0	80-120		
Chlorobenzene	20.8		µg/l		20.0	BRL	104	80-120		
1,1-Dichloroethene	18.0		µg/l		20.0	BRL	90.0	80-120		
Toluene	18.8		µg/l		20.0	BRL	94.0	80-120		
Trichloroethene	19.2		µg/l		20.0	BRL	96.0	80-120		
Surrogate: 4-Bromofluorobenzene	50.4		µg/l		50.0		101	80-120		
Surrogate: Toluene-d8	51.0		µg/l		50.0		102	80-120		
Surrogate: 1,2-Dichloroethane-d4	38.4	S-GC	µg/l		50.0		76.8	80-120		
Surrogate: Dibromofluoromethane	42.6		µg/l		50.0		85.2	80-120		
<u>Matrix Spike Dup (6040043-MSD1)</u>		Source: SA42690-13								
Prepared & Analyzed: 03-Apr-06										
Benzene	16.8		µg/l		20.0	BRL	84.0	80-120	0.00	20
Chlorobenzene	20.8		µg/l		20.0	BRL	104	80-120	0.00	20
1,1-Dichloroethene	17.7		µg/l		20.0	BRL	88.5	80-120	1.68	20
Toluene	19.0		µg/l		20.0	BRL	95.0	80-120	1.06	20
Trichloroethene	19.4		µg/l		20.0	BRL	97.0	80-120	1.04	20
Surrogate: 4-Bromofluorobenzene	49.4		µg/l		50.0		98.8	80-120		
Surrogate: Toluene-d8	51.7		µg/l		50.0		103	80-120		
Surrogate: 1,2-Dichloroethane-d4	39.6	S-GC	µg/l		50.0		79.2	80-120		
Surrogate: Dibromofluoromethane	43.4		µg/l		50.0		86.8	80-120		

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**Extractable Petroleum Hydrocarbons - Quality Control**

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6040190 - SW846 3535</b>										
<b>Blank (6040190-BLK1)</b>										
Prepared: 05-Apr-06 Analyzed: 06-Apr-06										
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	0.0493		mg/l		0.0500		98.6	40-140		
<b>LCS (6040190-BS1)</b>										
Prepared: 05-Apr-06 Analyzed: 06-Apr-06										
C9-C36 Aliphatic Hydrocarbons	1.4		mg/l	0.05	1.40		100	40-140		
Surrogate: 1-Chlorooctadecane	0.0492		mg/l		0.0500		98.4	40-140		
<b>Duplicate (6040190-DUP1) Source: SA42703-03</b>										
Prepared: 05-Apr-06 Analyzed: 06-Apr-06										
Gasoline	BRL		mg/l	0.1		BRL				50
Fuel Oil #2	BRL		mg/l	0.1		BRL				50
Fuel Oil #4	BRL		mg/l	0.1		BRL				50
Fuel Oil #6	BRL		mg/l	0.1		BRL				50
Motor Oil	BRL		mg/l	0.1		BRL				50
Aviation Fuel	BRL		mg/l	0.1		BRL				50
Unidentified	BRL		mg/l	0.1		BRL				50
Other Oil	BRL		mg/l	0.1		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/l	0.1		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1		BRL				50
Surrogate: 1-Chlorooctadecane	0.0645		mg/l		0.0571		113	40-140		
<b>Matrix Spike (6040190-MS1) Source: SA42778-01</b>										
Prepared: 05-Apr-06 Analyzed: 06-Apr-06										
C9-C36 Aliphatic Hydrocarbons	4.0		mg/l	0.1	2.95	2.2	61.0	40-140		
Surrogate: 1-Chlorooctadecane	0.114		mg/l		0.105		109	40-140		
<b>Matrix Spike Dup (6040190-MSD1) Source: SA42778-01</b>										
Prepared: 05-Apr-06 Analyzed: 06-Apr-06										
C9-C36 Aliphatic Hydrocarbons	4.9	QR-02	mg/l	0.1	2.80	2.2	96.4	40-140	45.0	30
Surrogate: 1-Chlorooctadecane	0.105		mg/l		0.100		105	40-140		

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**Total Metals by EPA 200 Series Methods - Quality Control**

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6031853 - EPA 200 Series</b>										
<b>Blank (6031853-BLK1)</b>										
Prepared: 03-Apr-06 Analyzed: 05-Apr-06										
Selenium	BRL		mg/l	0.0150						
Zinc	BRL		mg/l	0.0050						
Nickel	BRL		mg/l	0.0050						
Lead	BRL		mg/l	0.0075						
Arsenic	BRL		mg/l	0.0080						
Barium	BRL		mg/l	0.0050						
Copper	BRL		mg/l	0.0050						
Chromium	BRL		mg/l	0.0050						
Cadmium	BRL		mg/l	0.0025						
Silver	BRL		mg/l	0.0100						
<b>LCS (6031853-BS1)</b>										
Prepared: 03-Apr-06 Analyzed: 05-Apr-06										
Nickel	0.482		mg/l	0.0050	0.500		96.4	85-115		
Lead	0.520		mg/l	0.0075	0.500		104	85-115		
Selenium	0.517		mg/l	0.0150	0.500		103	85-115		
Zinc	0.517		mg/l	0.0050	0.500		103	85-115		
Silver	0.455		mg/l	0.0100	0.500		91.0	85-115		
Chromium	0.480		mg/l	0.0050	0.500		96.0	85-115		
Copper	0.500		mg/l	0.0050	0.500		100	85-115		
Arsenic	0.502		mg/l	0.0080	0.500		100	85-115		
Cadmium	0.550		mg/l	0.0025	0.500		110	85-115		
Barium	0.514		mg/l	0.0050	0.500		103	85-115		
<b>Duplicate (6031853-DUP1) Source: SA42703-01</b>										
Prepared: 03-Apr-06 Analyzed: 05-Apr-06										
Nickel	BRL		mg/l	0.0050		BRL				20
Zinc	0.0074		mg/l	0.0050		0.0081			9.03	20
Lead	BRL		mg/l	0.0075						20
Selenium	BRL		mg/l	0.0150						20
Silver	BRL		mg/l	0.0100						20
Arsenic	BRL		mg/l	0.0080		0.0043				20
Barium	0.0072		mg/l	0.0050		0.0076			5.41	20
Cadmium	BRL		mg/l	0.0025						20
Copper	BRL		mg/l	0.0050						20
Chromium	BRL		mg/l	0.0050						20
<b>Matrix Spike (6031853-MS1) Source: SA42703-06</b>										
Prepared: 03-Apr-06 Analyzed: 05-Apr-06										
Nickel	0.480		mg/l	0.0050	0.500	BRL	96.0	70-130		
Lead	0.518		mg/l	0.0075	0.500	BRL	104	70-130		
Selenium	0.524		mg/l	0.0150	0.500	BRL	105	70-130		
Zinc	0.520		mg/l	0.0050	0.500	0.0085	102	70-130		
Cadmium	0.552		mg/l	0.0025	0.500	BRL	110	70-130		
Copper	0.511		mg/l	0.0050	0.500	BRL	102	70-130		
Silver	0.458		mg/l	0.0100	0.500	BRL	91.6	70-130		
Chromium	0.486		mg/l	0.0050	0.500	BRL	97.2	70-130		
Barium	0.519		mg/l	0.0050	0.500	0.0032	103	70-130		
Arsenic	0.509		mg/l	0.0080	0.500	0.0040	101	70-130		
<b>Matrix Spike (6031853-MS2) Source: SA42703-02</b>										
Prepared: 03-Apr-06 Analyzed: 05-Apr-06										
Nickel	0.476		mg/l	0.0050	0.500	BRL	95.2	70-130		
Lead	0.518		mg/l	0.0075	0.500	BRL	104	70-130		
Selenium	0.524		mg/l	0.0150	0.500	BRL	105	70-130		
Zinc	0.519		mg/l	0.0050	0.500	0.0094	102	70-130		

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**Total Metals by EPA 200 Series Methods - Quality Control**

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 6031853 - EPA 200 Series</b>										
<u>Matrix Spike (6031853-MS2)</u>		Source: SA42703-02								
Prepared: 03-Apr-06 Analyzed: 05-Apr-06										
Copper	0.509		mg/l	0.0050	0.500	BRL	102	70-130		
Chromium	0.486		mg/l	0.0050	0.500	BRL	97.2	70-130		
Arsenic	0.511		mg/l	0.0080	0.500	BRL	102	70-130		
Barium	0.523		mg/l	0.0050	0.500	0.0122	102	70-130		
Cadmium	0.552		mg/l	0.0025	0.500	BRL	110	70-130		
Silver	0.459		mg/l	0.0100	0.500	BRL	91.8	70-130		
<u>Post Spike (6031853-PS1)</u>		Source: SA42703-02								
Prepared: 03-Apr-06 Analyzed: 05-Apr-06										
Selenium	0.532		mg/l	0.0150	0.500	BRL	106	85-115		
Nickel	0.483		mg/l	0.0050	0.500	BRL	96.6	85-115		
Lead	0.522		mg/l	0.0075	0.500	BRL	104	85-115		
Zinc	0.530		mg/l	0.0050	0.500	0.0094	104	85-115		
Copper	0.521		mg/l	0.0050	0.500	BRL	104	85-115		
Silver	0.454		mg/l	0.0100	0.500	BRL	90.8	85-115		
Chromium	0.492		mg/l	0.0050	0.500	BRL	98.4	85-115		
Cadmium	0.559		mg/l	0.0025	0.500	BRL	112	85-115		
Barium	0.536		mg/l	0.0050	0.500	0.0122	105	85-115		
Arsenic	0.516		mg/l	0.0080	0.500	BRL	103	85-115		
<b>Batch 6031854 - EPA200/SW7000 Series</b>										
<u>Blank (6031854-BLK1)</u>										
Prepared: 03-Apr-06 Analyzed: 10-Apr-06										
Mercury	BRL		mg/l	0.00020						
<u>LCS (6031854-BS1)</u>										
Prepared: 03-Apr-06 Analyzed: 10-Apr-06										
Mercury	0.00254		mg/l	0.00020	0.00250		102	80-120		
<u>Duplicate (6031854-DUP1)</u>		Source: SA42703-09								
Prepared: 03-Apr-06 Analyzed: 10-Apr-06										
Mercury	BRL		mg/l	0.00020		0.00007				20
<u>Matrix Spike (6031854-MS1)</u>		Source: SA42703-04								
Prepared: 03-Apr-06 Analyzed: 10-Apr-06										
Mercury	0.00262		mg/l	0.00020	0.00250	BRL	105	75-125		
<u>Post Spike (6031854-PS1)</u>		Source: SA42703-04								
Prepared: 03-Apr-06 Analyzed: 10-Apr-06										
Mercury	0.00278		mg/l	0.00020	0.00250	BRL	111	75-125		

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\* Reportable Detection Limit

BRL = Below Reporting Limit

## Notes and Definitions

QC-2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

### Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

Gasoline - includes regular, unleaded, premium, etc.

Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel

Fuel Oil #4 - includes #4 fuel oil

Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil

Motor Oil - includes virgin and waste automobile oil

Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha

Aviation Fuel - includes kerosene, Jet A and JP-4

Other Oil - includes lubricating and cutting oil, and silicon oil

At times, the unidentified petroleum product is quantified using a calibration that most closely approximates the distribution of compounds in the sample. When this occurs, the result is qualified as \*TPH (Calculated as).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and

Validated by:  
Hanibal C. Tayeh, Ph.D.  
Nicole Brown

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*This laboratory report is not valid without an authorized signature on the cover page.*

\* Reportable Detection Limit      BRL = Below Reporting Limit

# Shanahan Consulting

36 PENFIELD PLACE, FARMINGTON, CONNECTICUT 06032-2200  
 TELEPHONE: (860) 677-2674 FAX: (860) 677-4377

## CHAIN OF CUSTODY

PROJECT NUMBER 06-09  
 PROJECT NAME East Haddam Town Hall  
 COLLECTED BY Ned Shanahan and Victoria Man

Method 524.2  
 ETPH  
 11 metals \* - total

REMARKS:  
 \*11 metals - Ag, As, Ba, Cd, Cr, Cu, Hg, Pb, Ni, Se, Zn.  
 Please acidify plastic containers for metals analyses and amber jars for ETPH tests.  
 Please email results to ewshanahan@aol.com.

LAB# \_\_\_\_\_  
 PAGE 1 OF 1

SAMPLE	DATE	TIME	SAMPLE MATRIX	TYPE OF CONTAINER	# OF CONT.	PRESERVED	ANALYSES REQUESTED	SAMPLE REMARKS
W1	3-29-06	12:08	water	vial, jar, bottle	2/1/1	see below	✓ ✓ ✓	42705-01
W2	3-29-06	10:39	water	vial, jar, bottle	2/1/1	see below	✓ ✓ ✓	collected extra jar & vial for QAVOC purposes
W3	3-29-06	9:57	water	vial, jar, bottle	2/2/2	see below	✓ ✓ ✓	
W4	3-29-06	13:40	water	vial, jar, bottle	2/1/1	see below	✓ ✓ ✓	
W5	3-29-06	14:11	water	vial, jar, bottle	2/1/1	see below	✓ ✓ ✓	
W6	3-29-06	15:00	water	vial, jar, bottle	2/1/1	see below	✓ ✓ ✓	
MW1	3-29-06	12:55	water	vial, jar, bottle	2/1/1	see below	✓ ✓ ✓	
MW2	3-29-06	11:20	water	vial, jar, bottle	2/1/1	see below	✓ ✓ ✓	
MW3	3-29-06	9:25	water	vial, jar, bottle	2/1/1	see below	✓ ✓ ✓	

REQUESTED BY  
 TURNAROUND:  
 BEST AVAIL. TIME   
 PRIORITY \_\_\_\_\_

SAMPLE PRESERVATION REMARKS:  
 All containers chilled. Vials preserved with HCl.

REINQUISHED BY  
 Ned Shanahan  
 Victoria Man

DATE	TIME	RECEIVED BY
3/30/06	3:15	V. Man
3/31/06	10:15	Ned Shanahan

2  
 e1

This laboratory report is not valid without an authorized signature on the cover page.

\* Reportable Detection Limit BRL = Below Reporting Limit

**SHANAHAN CONSULTING  
LOW FLOW GROUND WATER SAMPLING RECORD LOG**

SITE NAME East Haddam Town Hall JOB NUMBER 06-09

SAMPLER(S) Ned Shanahan and Victoria Man DATE 3-29-06

SAMPLE PUMP peristaltic TUBING silicone/polyethylene METER YSI 6820

*Paul*

WELL NO.	WELL DIAM. (IN.)	TOTAL DEPTH FROM TOC (FT)	DEPTH TO WATER FROM TOC (FT.)	SCREENED INTERVAL (FT.)	SAMPLE DEPTH (FT.)
MW1	2	47	<del>15.37</del> / 16.21 3/29/06	28-42	16.7 / 16.9 / 18.1 1230 1240

PARAMETER STABILIZATION RECORD							
TIME	Pump Rate (ml/min)	Temperature (C)	Conductivity (uS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
1226	0.4 of full scale						
1230							
1230	0.25 of full scale						
1241		12.8	346	13.9	6.4±	94±	0.8
1245		12.4	343	13.4	6.5±	94-96 95±	1.5
1248		12.4	344	13.0	6.4±	97-99 98	1.1
1251	↓	12.1	342	12.7	6.5±	94-96 95	1.0
1255	0.5 gal / 25 min	12.1	343	12.8	6.5±	95-97 96	1.1
Stabilization (3 readings)		±3%	±3%	±10%	±0.1	±10mv	±10%

COMMENTS: Water clear, colorless, no odor  
pH readings are ± 0.015. ORP readings are ± 1 mV

**SHANAHAN CONSULTING  
LOW FLOW GROUND WATER SAMPLING RECORD LOG**

SITE NAME East Haddam Town Hall JOB NUMBER 06-09

SAMPLER(S) Ned Shanahan and Victoria Man DATE 3-29-06

SAMPLE PUMP peristaltic TUBING silicone/polyethylene METER YSI 6820

WELL NO.	WELL DIAM. (IN.)	TOTAL DEPTH FROM TOC (FT)	DEPTH TO WATER FROM TOC (FT.)	SCREENED INTERVAL (FT.)	SAMPLE DEPTH (FT.)
MW2	2	29	<del>7.75</del> / 7.81	14-29	8.3

3/29/06

PARAMETER STABILIZATION RECORD								
TIME	Pump Rate (ml/min)	Temperature (C)	Conductivity (uS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)	
1055	0.4 gal / full scale ↓ 1.1 gal / 22 min	13.3	249	2.8	6.01	66.0	-6.7	
1058		13.0	246	17.1	5.74	80.0	-6.6	
1101		12.9	245	15.1	5.61	88.9	-6.5	
1104		13.0	246	14.3	5.60	92.4	-6.5	
1107		12.9	246	13.9	5.63	94.0	-6.7	
1110		12.7	244	13.5	5.60	98.0	-6.7	
1113		12.9	245	13.1	5.60	101	-6.7	
1116		13.0	245	12.8	5.60	102	-6.3	
1119								
1120								
Stabilization (3 readings)		±3%	±3%	±10%	±0.1	±10mv	±10%	

COMMENTS: Water clear, colorless, no odor



**SHANAHAN CONSULTING  
LOW FLOW GROUND WATER SAMPLING RECORD LOG**

SITE NAME East Haddam Town Hall JOB NUMBER 06-09  
 SAMPLER(S) Ned Shanahan and Victoria Man DATE 3-29-06  
 SAMPLE PUMP peristaltic TUBING silicone/polyethylene METER YSI 6820

WELL NO.	WELL DIAM. (IN.)	TOTAL DEPTH FROM TOC (FT)	DEPTH TO WATER FROM TOC (FT.)	SCREENED INTERVAL (FT.)	SAMPLE DEPTH (FT.)
MW3	2	20	<del>9.3</del> 9.22	5-20	9.8

PARAMETER STABILIZATION RECORD							
TIME	Pump Rate (ml/min)	Temperature (C)	Conductivity (uS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
0902	0.55 gal full scale ↓ 0.8 gal/18 min	10.7	335	22.4	5.88	90.1	-7.0
0905		10.6	334	20.4	5.66	104	-7.0
0908		10.6	336	19.2	5.58	108	-6.5
0911		10.6	337	18.5	5.62	112	-6.9
0914		10.7	340	18.3	5.58	115	-6.9
0919		10.8	342	17.8	5.57	115	-6.9
0922	Start sampling; VOCs, metals, ETPH						
0923							
Stabilization (3 readings)		±3%	±3%	±10%	±0.1	±10mv	±10%

COMMENTS: Water clear, colorless, no odor

**SHANAHAN CONSULTING  
LOW FLOW GROUND WATER SAMPLING RECORD LOG**

SITE NAME East Haddam Town Hall JOB NUMBER 06-09  
 SAMPLER(S) Ned Shanahan and Victoria Man DATE 3-29-06  
 SAMPLE PUMP peristaltic TUBING silicone/polyethylene METER YSI 6820

WELL NO.	WELL DIAM. (IN.)	TOTAL DEPTH FROM TOC (FT)	DEPTH TO WATER FROM TOC (FT.)	SCREENED INTERVAL (FT.)	SAMPLE DEPTH (FT.)
W1	2	17	<del>6.8</del> / 6.15	7-17	6.7

~~6.8~~  
3/29/06

**PARAMETER STABILIZATION RECORD**

TIME	Pump Rate (ml/min)	Temperature (C)	Conductivity (uS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)	
1139 1142	0.4 of full scale	12.2	123	28.5	5.48	106	-7.0	
1151	↓	11.7	122	22.4	5.07	130*	-6.8	
1156		11.6	122	22.0	5.07	136-139 136±	-6.8	
1159		11.4	122	21.6	5.03	142-144 143	-6.8	
1202		11.0	123	21.1	5.03	143-145 144	-6.8	
1205		11.8	123	20.6	4.97	145-147 146	-6.8	
1208		↓	11.8	122	20.7	4.96	147	-6.9
1208		1.4 gal / 26 mins	start	sampling				
Stabilization (3 readings)		±3%	±3%	±10%	±0.1	±10mv	±10%	

COMMENTS: \* ORP <sup>rapidly</sup> changing from 122 to 143 mv.

Water clear, colorless, no odor

**SHANAHAN CONSULTING  
LOW FLOW GROUND WATER SAMPLING RECORD LOG**

SITE NAME East Haddam Town Hall JOB NUMBER 06-09

SAMPLER(S) Ned Shanahan and Victoria Man DATE 3-29-06

SAMPLE PUMP peristaltic TUBING silicone/polyethylene METER YSI 6820

WELL NO.	WELL DIAM. (IN.)	TOTAL DEPTH FROM TOC (FT)	DEPTH TO WATER FROM TOC (FT.)	SCREENED INTERVAL (FT.)	SAMPLE DEPTH (FT.)
W2	2	14	<del>6.84</del> / 6.60	4-14	7.1 / 7.3

3/29/06

1019 1022

PARAMETER STABILIZATION RECORD							
TIME	Pump Rate (ml/min)	Temperature (C)	Conductivity (uS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
1019 1022	0.5 of fullscale	start bucket fill					
1023	lowered to 0.4	13.4	247	29.0	5.83	93.7	-7.4
1026		12.3	247	26.5	5.84	103	-7.4
1029		12.0	235	23.6	5.66	110	-7.3
1032		11.8	234	22.5	5.60	115	-7.3
1035		11.9	235	21.4	5.65	116	-7.3
1038	↓	11.9	234	20.9	5.64	118	-7.1
1039	0.9 gals / 17 mins	start sampling					
Stabilization (3 readings)		±3%	±3%	±10%	±0.1	±10mv	±10%

COMMENTS: Water clear, colorless, no odor

**SHANAHAN CONSULTING  
LOW FLOW GROUND WATER SAMPLING RECORD LOG**

SITE NAME East Haddam Town Hall JOB NUMBER 06-09  
 SAMPLER(S) Ned Shanahan and Victoria Man DATE 3-29-06  
 SAMPLE PUMP peristaltic TUBING silicone/polyethylene METER YSI 6820

WELL NO.	WELL DIAM. (IN.)	TOTAL DEPTH FROM TOC (FT)	DEPTH TO WATER FROM TOC (FT.)	SCREENED INTERVAL (FT.)	SAMPLE DEPTH (FT.)
W3	2	14	<del>5.10</del> / 5.73	4-14	6.2 / 6.7

3/29/06

0940 0950

PARAMETER STABILIZATION RECORD								
TIME	Pump Rate (ml/min)	Temperature (C)	Conductivity (uS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)	
0940	0.55 of full scale	14.1	372	20.6	5.82	100	-6.0	
0943								
0946	↓	13.5	372	19.7	5.70	105	-6.5	
0950	lowered to 0.40 of full scale	13.5	372	17.8	5.72	111	-6.3	
0953	↓	13.4	372	18.0	5.80	105	-6.6	
0956	↓	13.5	373	17.7	5.74	107	-6.6	
0957	0.8 gal / 14 min	start sampling						
Stabilization (3 readings)		± 3%	± 3%	± 10%	± 0.1	± 10mv	± 10%	

COMMENTS: Water clear, colorless, no odor

**SHANAHAN CONSULTING  
LOW FLOW GROUND WATER SAMPLING RECORD LOG**

SITE NAME East Haddam Town Hall JOB NUMBER 06-09

SAMPLER(S) Ned Shanahan and Victoria Man DATE 3-29-06

SAMPLE PUMP peristaltic TUBING silicone/polyethylene METER YSI 6820

WELL NO.	WELL DIAM. (IN.)	TOTAL DEPTH FROM TOC (FT)	DEPTH TO WATER FROM TOC (FT.)	SCREENED INTERVAL (FT.)	SAMPLE DEPTH (FT.)
W4	2	17.5	<del>6.87</del> / 6.43	7.5-17.5	6.7

3/29/06

PARAMETER STABILIZATION RECORD								
TIME	Pump Rate (ml/min)	Temperature (C)	Conductivity (uS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)	
1323 1327	0.4 of full scale	12.0	299	20.6	5.88	153	0.8	
1330	↓	11.2	295	16.9	5.53	160	1.9	
1333		10.9	292	15.5	5.46	157	3.9	
1336		10.8	290	14.7	5.45	157	3.1	
1339		10.7	290	15.0	5.46	157	2.7	
1340		0.7 gal / 13 min	start sampling					
Stabilization (3 readings)		±3%	±3%	±10%	±0.1	±10mv	±10%	

COMMENTS: Cleaned pH/ET probe prior to pumping this well  
Water clear, colorless, no odor

**SHANAHAN CONSULTING  
LOW FLOW GROUND WATER SAMPLING RECORD LOG**

SITE NAME East Haddam Town Hall JOB NUMBER 06-09

SAMPLER(S) Ned Shanahan and Victoria Man DATE 3-29-06

SAMPLE PUMP peristaltic TUBING silicone/polyethylene METER YSI 6820

WELL NO.	WELL DIAM. (IN.)	TOTAL DEPTH FROM TOC (FT)	DEPTH TO WATER FROM TOC (FT.)	SCREENED INTERVAL (FT.)	SAMPLE DEPTH (FT.)
W5	2	17.5	<del>7.72</del> / 7.78	7.5-17.5	8.2

PARAMETER STABILIZATION RECORD							
TIME	Pump Rate (ml/min)	Temperature (C)	Conductivity (uS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
1356 1400	0.45 gal full scale	9.99	350	17.3	6.61	111	700
1403	↓	9.63	347	11.2	6.59	111	702
1406		9.26	341	9.88	6.63	108	5.3
1409		9.24	338	11.0	6.58	110	-0.9
1412		9.16	332	10.2	6.57	110	-0.8
1415		9.19	325	10.2	6.50	110	-0.9
1418		9.26	324	9.86	6.50	108	-0.9
1419	0.9 gal/ 19 min	start sampling					
Stabilization (3 readings)		± 3%	± 3%	± 10%	± 0.1	± 10mv	± 10%

COMMENTS: Water clear, colorless and no odor

**SHANAHAN CONSULTING  
LOW FLOW GROUND WATER SAMPLING RECORD LOG**

SITE NAME East Haddam Town Hall JOB NUMBER 06-09

SAMPLER(S) Ned Shanahan and Victoria Man DATE 3-29-06

SAMPLE PUMP peristaltic TUBING silicone/polyethylene METER YSI 6820

WELL NO.	WELL DIAM. (IN.)	TOTAL DEPTH FROM TOC (FT)	DEPTH TO WATER FROM TOC (FT.)	SCREENED INTERVAL (FT.)	SAMPLE DEPTH (FT.)
W6	2	14.5	<del>11.42</del> / 11.50	4.5-14.5	12.0

*3/29/06*

**PARAMETER STABILIZATION RECORD**

TIME	Pump Rate (ml/min)	Temperature (C)	Conductivity (uS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
1438	<i>0.3 of full scale</i>	14.7	169	22.1	6.22	102	-6.9
1441		13.6	166	19.1	5.53	123	-7.1
1444		13.4	166	17.3	5.37	128	-7.1
1447		13.0	161	17.0	5.50	129	-7.1
1450		13.0	159	16.8	5.37	132	-7.1
1453		13.0	158	16.6	5.32	136	-7.1
1457		12.6	156	16.8	5.27	136	-7.1
1500							
Stabilization (3 readings)		±3%	±3%	±10%	±0.1	±10mv	±10%

COMMENTS: Water clear, colorless, no odor