Laboratory Analysis Report

Total Number of Pages: 199

Job ID : 12071121

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Client Project Name :
79112 CES / CES Davis Askanese

Report To :	Client Name:	Effective Environmental	P.O.#.: 79112
	Attn:	Clint Lechner	Sample Collected By: Clint Lechner
	Client Address:	9950 Chemical Road	Date Collected: 07/26/12
	City, State, Zip:	Houston, Texas, 77507	

A&B Labs has analyzed the following samples...

Client Sample ID	Matrix	A&B Sample ID
WW T1	Water	12071121.01
WW T12	Water	12071121.02
WW T2	Water	12071121.03
WW T 6	Water	12071121.04
WW T3	Water	12071121.05
WW T4	Water	12071121.06
WW T10	Water	12071121.07
WW T5	Water	12071121.08
WW T7	Water	12071121.09
WW T9	Water	12071121.10
WW T8	Water	12071121.11

Released By: Alisha Rodriguez
Title: Project Manager
Date: 8/7/2012

This Laboratory is NELAP (T104704213-12-6) accredited. Effective: 05/31/2012; Expires: 06/30/2012
Scope: Non-Potable Water, Drinking Water, Air, Solid, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

Date Received : 07/26/2012 13:53

9856672

LABORATORY TERM AND QUALIFIER DEFINITION REPORT

Job ID : 12071121

Date: 8/7/2012

General Term Definition

Back-Wt	Back Weight	Post-Wt	Post Weight
BRL	Below Reporting Limit	ppm	parts per million
cfu	colony-forming units	Pre-Wt	Previous Weight
Conc.	Concentration	Q	Qualifier
D.F.	Dilution Factor	RegLimit	Regulatory Limit
Front-Wt	Front Weight	RPD	Relative Percent Difference
LCS	Laboratory Check Standard	RptLimit	Reporting Limit
LCSD	Laboratory Check Standard Duplicate	SDL	Sample Detection Limit
MS	Matrix Spike	surr	Surrogate
MSD	Matrix Spike Duplicate	T	Time
MW	Molecular Weight	TNTC	Too numerous to count

Qualifier Definition

D1	Sample required dilution due to matrix effects.
D2	Sample required dilution due to high concentration of non-target analyte.
E	Estimation. Above calibration range.
H3	Sample was received and analyzed past holding time.
J	Estimation. Below calibration range but above MDL.
L1	Associated LCS and/or LCSD recovery is above acceptance limits for flagged analyte. Bias may be high.
M1	Matrix Spike and/or Matrix Spike Duplicate recovery is above laboratory control limits due to matrix interference. "The sample randomly selected as QC for this batch was not part of your project. Therefore, this sample matrix is not applicable to your project samples."
M2	Matrix Spike and/or Matrix Spike Duplicate recovery is below laboratory control limits due to matrix interference."The sample randomly selected as QC for this batch was not part of your project. Therefore, this sample matrix is not applicable to your project samples."
M6	Not calculated. Sample concentration high. Spike out of linear range. Control limits do not apply."The sample randomly selcted as QC for this batch was not part of your project. Therefore, this sample matrix is not applicable to your project samples."
M8	Matrix Spike and/or Matrix Spike Duplicate recovery is above laboratory control limits.
M9	Matrix Spike and/or Matrix Spike Duplicate recovery is below laboratory control limits.
R3	MS/MSD RPD exceeds control limit. Recovery meets acceptance criteria.
S1	Surrogate recovery is above control limit. Results may be biased high.
S4	Surrogate not available due to dilution of sample extract for quantification.
U	Undetected at SDL (Sample Detection Limit).
V1	CCV recovery is above acceptance limits. This target analyte was not detected in the sample.
V7	CCV recovery is below the control limit for this analyte, however the average %difference for all the analytes meets method criteria.

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T1
A&B Job Sample ID: 12071121.01

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.05		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:31
7440-38-2	Arsenic	0.023	J	0.008	0.004	0.02	30	mg/L	2	08/02/12 03:31
7440-39-3	Barium	0.588		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 03:31
7440-41-7	Beryllium	< SDL	D1,U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 03:31
7440-43-9	Cadmium	< SDL	U	0.004	0.002	0.02	15	mg/L	2	08/02/12 03:31
7440-47-3	Chromium	1.77		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:31
7439-92-1	Lead	0.07		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:31
7440-02-0	Nickel	0.886		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:31
7782-49-2	Selenium	< SDL	U	0.008	0.004	0.02	30	mg/L	2	08/02/12 03:31
7440-22-4	Silver	0.003	J	0.002	0.001	0.02	20	mg/L	2	08/02/12 03:31

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T1	Date:	8/7/2012
A&B Job Sample ID:	12071121.01		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080138	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 11:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080133		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.001	0.00006	0.0002	0.01	mg/L	20	07/31/12 18:22

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T1	Date:	8/7/2012
A&B Job Sample ID:	12071121.01		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12072744	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	1199	E,D1	10	1	----	----	mg/L	10	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T1	Date:	8/7/2012
A&B Job Sample ID:	12071121.01		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080225	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/02/12 08:50

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T1	Date:	8/7/2012
A&B Job Sample ID:	12071121.01		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080241	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	07/30/2012 08:40
Prepared By:	Srani		
Prep Batch ID	PB12073135		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 13:15

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T1	Date:	8/7/2012
A&B Job Sample ID:	12071121.01		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080237	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080234		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T1
A&B Job Sample ID: 12071121.01
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080304	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
71-55-6	1,1,1-Trichloroethane	< SDL	D2,U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 12:34
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
95-63-6	1,2,4-Trimethylbenzene	0.182		0.025	0.001	0.005	0.05	mg/L	25	08/02/12 11:30
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 12:34
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 12:34
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
108-67-8	1,3,5-Trimethylbenzene	0.205		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 12:34
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 12:34
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
71-43-2	Benzene	0.322		0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 11:30
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
74-97-5	Bromochloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 12:34
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 12:34
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 12:34
67-66-3	Chloroform	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 12:34
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T1
A&B Job Sample ID: 12071121.01
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080304	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
75-71-8	Dichlorodifluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
100-41-4	Ethylbenzene	0.147		0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
98-82-8	Isopropylbenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 12:34
108-38-3&106-4	m- & p-Xylenes	0.624		0.025	0.0025	0.01	0.1	mg/L	10	08/02/12 12:34
78-93-3	MEK	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 12:34
75-09-2	Methylene chloride	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 12:34
91-20-3	Naphthalene	0.368		0.075	0.003	0.005	0.05	mg/L	25	08/02/12 11:30
104-51-8	n-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
103-65-1	n-Propylbenzene	0.088		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
95-47-6	o-Xylene	0.269		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
100-42-5	Styrene	0.135		0.01	0.001	0.005	0.05	mg/L	10	08/02/12 12:34
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
108-88-3	Toluene	0.076		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 12:34
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 12:34
1330-20-7	Xylenes	0.893		0.05	0.005	0.015	0.15	mg/L	10	08/02/12 12:34
17060-07-0	1,2-Dichloroethane-d4(surr)	106				70	130	%	25	08/02/12 12:34
1868-53-7	Dibromofluoromethane(surr)	112				70	130	%	25	08/02/12 12:34
2037-26-5	Toluene-d8(surr)	110				70	130	%	25	08/02/12 12:34
460-00-4	p-Bromofluorobenzene(surr)	108				70	130	%	25	08/02/12 12:34

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T1
A&B Job Sample ID: 12071121.01
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 13:08
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 13:08
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
88-06-2	2,4,6-Trichlorophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 13:08
120-83-2	2,4-Dichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
105-67-9	2,4-Dimethylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 13:08
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
91-58-7	2-Chloronaphthalene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
95-57-8	2-Chlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
91-57-6	2-Methylnaphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
95-48-7	2-Methylphenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
88-74-4	2-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
88-75-5	2-Nitrophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 13:08
108-39-4 & 106-	3- & 4-Methylphenols	< SDL	U	0.250	0.005	0.02	0.24	mg/L	50	07/31/12 13:08
91-94-1	3,3-Dichlorobenzidine	< SDL	U	0.550	0.011	0.01	0.12	mg/L	50	07/31/12 13:08
99-09-2	3-Nitroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
59-50-7	4-Chloro-3-methylphenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
106-47-8	4-Chloroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
100-01-6	4-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
100-02-7	4-Nitrophenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
83-32-9	Acenaphthene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
208-96-8	Acenaphthylene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
62-53-3	Aniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
120-12-7	Anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
103-33-3	Azobenzene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
92-87-5	Benzidine	< SDL	U	0.650	0.013	0.01	0.12	mg/L	50	07/31/12 13:08
56-55-3	Benzo(a)anthracene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
50-32-8	Benzo(a)pyrene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T1
A&B Job Sample ID: 12071121.01
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
65-85-0	Benzoic acid	< SDL	U	0.950	0.019	0.01	0.12	mg/L	50	07/31/12 13:08
100-51-6	Benzyl alcohol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	0.400	0.008	0.01	0.12	mg/L	50	07/31/12 13:08
85-68-7	Butyl benzyl phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
86-74-8	Carbazole	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
218-01-9	Chrysene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 13:08
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
132-64-9	Dibenzofuran	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
84-66-2	Diethyl phthalate	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
131-11-3	Dimethyl phthalate	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
84-74-2	Di-n-butyl phthalate	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 13:08
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
206-44-0	Fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
86-73-7	Fluorene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
118-74-1	Hexachlorobenzene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
87-68-3	Hexachlorobutadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
67-72-1	Hexachloroethane	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
78-59-1	Isophorone	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
91-20-3	Naphthalene	0.256	J	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:08
98-95-3	Nitrobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
87-86-5	Pentachlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:08
85-01-8	Phenanthrene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
108-95-2	Phenol	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:08
129-00-0	Pyrene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:08
110-86-1	Pyridine	< SDL	U	0.750	0.015	0.01	0.12	mg/L	50	07/31/12 13:08
118-79-6	2,4,6-Tribromophenol(surr)	56.4				19	122	%	50	07/31/12 13:08
13127-88-3	Phenol-d6(surr)	21				10	130	%	50	07/31/12 13:08
132-60-8	2-Fluorobiphenyl(surr)	71.4				30	115	%	50	07/31/12 13:08

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T1	Date:	8/7/2012
A&B Job Sample ID:	12071121.01		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	83.6				18	137	%	50	07/31/12 13:08
367-12-4	2-Fluorophenol(surr)	32.8				15	115	%	50	07/31/12 13:08
4165-60-0	Nitrobenzene-d5(surr)	73.2				23	120	%	50	07/31/12 13:08

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T1	Date:	8/7/2012
A&B Job Sample ID:	12071121.01		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 10:30
QC Batch ID:	Qb12080224	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	8.97	H3			----	----	s.u.		08/02/12 10:25
	Temperature when read, °C[1]	23.4	H3			----	----	s.u.		08/02/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T1	Date:	8/7/2012
A&B Job Sample ID:	12071121.01		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 10:30
QC Batch ID:	qb12080143	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/01/2012 14:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080211		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	17.1		0.568	0.66	1.5	60	mg/L	0.86	08/01/12 14:52
TPH-1005-2	>C12-C28[1]	209		7.43	0.86	1.5	60	mg/L	8.64	08/01/12 16:07
TPH-1005-4	>C28-C35[1]	137		6.48	0.75	1.5	60	mg/L	8.64	08/01/12 16:07
	Total C6-C35	363.1				----	----	mg/L	8.64	08/01/12 16:07
111-85-3	1-Chlorooctane(surr)	125	S1			59	122	%	0.86	08/01/12 16:07
3386-33-2	Chlorooctadecane(surr)	65.7				48	123	%	8.64	08/01/12 16:07

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T12
A&B Job Sample ID: 12071121.02

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.072		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:36
7440-38-2	Arsenic	0.118		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:36
7440-39-3	Barium	0.514		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 03:36
7440-41-7	Beryllium	< SDL	D1,U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 03:36
7440-43-9	Cadmium	0.005	J	0.004	0.002	0.02	15	mg/L	2	08/02/12 03:36
7440-47-3	Chromium	0.361		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:36
7439-92-1	Lead	0.217		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:36
7440-02-0	Nickel	5.34		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:36
7782-49-2	Selenium	0.133		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:36
7440-22-4	Silver	< SDL	U	0.002	0.001	0.02	20	mg/L	2	08/02/12 03:36

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T12	Date:	8/7/2012
A&B Job Sample ID:	12071121.02		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080138	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 11:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080133		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.0006	0.00006	0.0002	0.01	mg/L	10	07/31/12 17:39

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T12	Date:	8/7/2012
A&B Job Sample ID:	12071121.02		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12072744	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	1527	E,D1	10	1	----	----	mg/L	10	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T12	Date:	8/7/2012
A&B Job Sample ID:	12071121.02		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080225	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/02/12 08:50

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T12	Date:	8/7/2012
A&B Job Sample ID:	12071121.02		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080241	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	07/30/2012 08:40
Prepared By:	Srani		
Prep Batch ID	PB12073135		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 13:15

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T12	Date:	8/7/2012
A&B Job Sample ID:	12071121.02		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080636	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080234		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T12
A&B Job Sample ID: 12071121.02
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080304	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
71-55-6	1,1,1-Trichloroethane	< SDL	D2,U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 13:41
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
95-63-6	1,2,4-Trimethylbenzene	0.181		0.025	0.001	0.005	0.05	mg/L	25	08/02/12 12:02
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 13:41
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 13:41
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
108-67-8	1,3,5-Trimethylbenzene	0.147		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 13:41
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 13:41
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
71-43-2	Benzene	0.025	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
74-97-5	Bromochloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 13:41
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 13:41
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 13:41
67-66-3	Chloroform	0.561		0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 12:02
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 13:41
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T12
A&B Job Sample ID: 12071121.02
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080304	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
75-71-8	Dichlorodifluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
100-41-4	Ethylbenzene	0.189		0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
98-82-8	Isopropylbenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 13:41
108-38-3&106-4	m- & p-Xylenes	0.874		0.025	0.0025	0.01	0.1	mg/L	10	08/02/12 13:41
78-93-3	MEK	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 13:41
75-09-2	Methylene chloride	0.093		0.03	0.003	0.005	0.05	mg/L	10	08/02/12 13:41
91-20-3	Naphthalene	0.256		0.075	0.003	0.005	0.05	mg/L	25	08/02/12 12:02
104-51-8	n-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
103-65-1	n-Propylbenzene	0.07		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
95-47-6	o-Xylene	0.491		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
100-42-5	Styrene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 13:41
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
108-88-3	Toluene	0.513		0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 12:02
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 13:41
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 13:41
1330-20-7	Xylenes	1.37		0.05	0.005	0.015	0.15	mg/L	10	08/02/12 13:41
17060-07-0	1,2-Dichloroethane-d4(surr)	103				70	130	%	25	08/02/12 13:41
1868-53-7	Dibromofluoromethane(surr)	109				70	130	%	25	08/02/12 13:41
2037-26-5	Toluene-d8(surr)	111				70	130	%	25	08/02/12 13:41
460-00-4	p-Bromofluorobenzene(surr)	106				70	130	%	25	08/02/12 13:41

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T12
A&B Job Sample ID: 12071121.02

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.300	0.002	0.01	0.12	mg/L	150	07/31/12 13:33
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.300	0.002	0.01	0.12	mg/L	150	07/31/12 13:33
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
88-06-2	2,4,6-Trichlorophenol	< SDL	U	1.05	0.007	0.01	0.12	mg/L	150	07/31/12 13:33
120-83-2	2,4-Dichlorophenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
105-67-9	2,4-Dimethylphenol	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	1.05	0.007	0.01	0.12	mg/L	150	07/31/12 13:33
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
91-58-7	2-Chloronaphthalene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
95-57-8	2-Chlorophenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
91-57-6	2-Methylnaphthalene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
95-48-7	2-Methylphenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
88-74-4	2-Nitroaniline	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
88-75-5	2-Nitrophenol	< SDL	U	1.05	0.007	0.01	0.12	mg/L	150	07/31/12 13:33
108-39-4 & 106-	3- & 4-Methylphenols	1.72	J	0.750	0.005	0.02	0.24	mg/L	150	07/31/12 13:33
91-94-1	3,3-Dichlorobenzidine	< SDL	U	1.65	0.011	0.01	0.12	mg/L	150	07/31/12 13:33
99-09-2	3-Nitroaniline	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
59-50-7	4-Chloro-3-methylphenol	1.21	J	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
106-47-8	4-Chloroaniline	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
100-01-6	4-Nitroaniline	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
100-02-7	4-Nitrophenol	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
83-32-9	Acenaphthene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
208-96-8	Acenaphthylene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
62-53-3	Aniline	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
120-12-7	Anthracene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
103-33-3	Azobenzene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
92-87-5	Benzidine	< SDL	U	1.95	0.013	0.01	0.12	mg/L	150	07/31/12 13:33
56-55-3	Benzo(a)anthracene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
50-32-8	Benzo(a)pyrene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T12
A&B Job Sample ID: 12071121.02

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
65-85-0	Benzoic acid	4.19		2.85	0.019	0.01	0.12	mg/L	150	07/31/12 13:33
100-51-6	Benzyl alcohol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	1.20	0.008	0.01	0.12	mg/L	150	07/31/12 13:33
85-68-7	Butyl benzyl phthalate	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
86-74-8	Carbazole	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
218-01-9	Chrysene	< SDL	U	0.300	0.002	0.01	0.12	mg/L	150	07/31/12 13:33
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
132-64-9	Dibenzofuran	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
84-66-2	Diethyl phthalate	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
131-11-3	Dimethyl phthalate	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
84-74-2	Di-n-butyl phthalate	< SDL	U	0.300	0.002	0.01	0.12	mg/L	150	07/31/12 13:33
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
206-44-0	Fluoranthene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
86-73-7	Fluorene	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
118-74-1	Hexachlorobenzene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
87-68-3	Hexachlorobutadiene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
67-72-1	Hexachloroethane	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
78-59-1	Isophorone	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
91-20-3	Naphthalene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 13:33
98-95-3	Nitrobenzene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
87-86-5	Pentachlorophenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 13:33
85-01-8	Phenanthrene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
108-95-2	Phenol	1.12	J	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 13:33
129-00-0	Pyrene	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 13:33
110-86-1	Pyridine	< SDL	U	2.25	0.015	0.01	0.12	mg/L	150	07/31/12 13:33
118-79-6	2,4,6-Tribromophenol(surr)	59.4				19	122	%	150	07/31/12 13:33
13127-88-3	Phenol-d6(surr)	79.2				10	130	%	150	07/31/12 13:33
132-60-8	2-Fluorobiphenyl(surr)	63				30	115	%	150	07/31/12 13:33

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T12	Date:	8/7/2012
A&B Job Sample ID:	12071121.02		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	72.6				18	137	%	150	07/31/12 13:33
367-12-4	2-Fluorophenol(surr)	45				15	115	%	150	07/31/12 13:33
4165-60-0	Nitrobenzene-d5(surr)	70.2				23	120	%	150	07/31/12 13:33

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T12	Date:	8/7/2012
A&B Job Sample ID:	12071121.02		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 10:40
QC Batch ID:	Qb12080224	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	4.95	H3			----	----	s.u.		08/02/12 10:25
	Temperature when read, °C[1]	24.2	H3			----	----	s.u.		08/02/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T12
A&B Job Sample ID: 12071121.02

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 10:40
QC Batch ID:	qb12080143	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/01/2012 14:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080211		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	274		5.98	0.66	1.5	60	mg/L	9.06	08/01/12 16:52
TPH-1005-2	>C12-C28[1]	432		7.79	0.86	1.5	60	mg/L	9.06	08/01/12 16:52
TPH-1005-4	>C28-C35[1]	115		6.80	0.75	1.5	60	mg/L	9.06	08/01/12 16:52
	Total C6-C35	821				----	----	mg/L	9.06	08/01/12 16:52
111-85-3	1-Chlorooctane(surr)	63.9				59	122	%	9.06	08/01/12 16:52
3386-33-2	Chlorooctadecane(surr)	74.9				48	123	%	9.06	08/01/12 16:52

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T2
A&B Job Sample ID: 12071121.03

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.181		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:42
7440-38-2	Arsenic	0.212		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:42
7440-39-3	Barium	0.795		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 03:42
7440-41-7	Beryllium	< SDL	D1,U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 03:42
7440-43-9	Cadmium	0.009	J	0.004	0.002	0.02	15	mg/L	2	08/02/12 03:42
7440-47-3	Chromium	0.298		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:42
7439-92-1	Lead	0.190		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:42
7440-02-0	Nickel	4.44		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:42
7782-49-2	Selenium	0.229		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:42
7440-22-4	Silver	< SDL	U	0.002	0.001	0.02	20	mg/L	2	08/02/12 03:42

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T2	Date:	8/7/2012
A&B Job Sample ID:	12071121.03		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080138	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 11:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080133		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.0006	0.00006	0.0002	0.01	mg/L	10	07/31/12 17:42

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T2	Date:	8/7/2012
A&B Job Sample ID:	12071121.03		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12072745	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	5296	E,D1	20	1	----	----	mg/L	20	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T2	Date:	8/7/2012
A&B Job Sample ID:	12071121.03		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080225	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/02/12 08:50

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T2	Date:	8/7/2012
A&B Job Sample ID:	12071121.03		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080241	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	07/30/2012 08:40
Prepared By:	Srani		
Prep Batch ID	PB12073135		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 13:15

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T2	Date:	8/7/2012
A&B Job Sample ID:	12071121.03		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080237	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080234		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T2
A&B Job Sample ID: 12071121.03
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080304	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
71-55-6	1,1,1-Trichloroethane	< SDL	D2,U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
75-34-3	1,1-Dichloroethane	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
75-35-4	1,1-Dichloroethylene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
563-58-6	1,1-Dichloropropene	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.125	0.005	0.005	0.05	mg/L	25	08/02/12 13:09
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
95-63-6	1,2,4-Trimethylbenzene	0.652		0.05	0.001	0.005	0.05	mg/L	50	08/03/12 15:55
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.088	0.0035	0.005	0.05	mg/L	25	08/02/12 13:09
106-93-4	1,2-Dibromoethane	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
107-06-2	1,2-Dichloroethane	< SDL	U	0.025	0.001	0.005	0.05	mg/L	25	08/02/12 13:09
78-87-5	1,2-Dichloropropane	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
108-67-8	1,3,5-Trimethylbenzene	7.09	E	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
142-28-9	1,3-Dichloropropane	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.025	0.001	0.005	0.05	mg/L	25	08/02/12 13:09
594-20-7	2,2-Dichloropropane	< SDL	U	0.025	0.001	0.005	0.05	mg/L	25	08/02/12 13:09
95-49-8	2-Chlorotoluene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
106-43-4	4-Chlorotoluene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
99-87-6	4-Isopropyltoluene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
71-43-2	Benzene	0.362		0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
108-86-1	Bromobenzene	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
74-97-5	Bromochloromethane	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
75-27-4	Bromodichloromethane	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
75-25-2	Bromoform	< SDL	U	0.075	0.003	0.005	0.05	mg/L	25	08/02/12 13:09
74-83-9	Bromomethane	< SDL	U	0.075	0.003	0.005	0.05	mg/L	25	08/02/12 13:09
56-23-5	Carbon tetrachloride	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
108-90-7	Chlorobenzene	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
75-00-3	Chloroethane	< SDL	U	0.125	0.005	0.005	0.05	mg/L	25	08/02/12 13:09
67-66-3	Chloroform	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
74-87-3	Chloromethane	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.025	0.001	0.005	0.05	mg/L	25	08/02/12 13:09
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T2
A&B Job Sample ID: 12071121.03

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080304	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
74-95-3	Dibromomethane	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
75-71-8	Dichlorodifluoromethane	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
100-41-4	Ethylbenzene	1.44	E	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
98-82-8	Isopropylbenzene	0.635		0.025	0.001	0.005	0.05	mg/L	25	08/02/12 13:09
108-38-3&106-4	m- & p-Xylenes	6.35	E	0.063	0.0025	0.01	0.1	mg/L	25	08/02/12 13:09
78-93-3	MEK	3.59		0.500	0.005	0.005	0.05	mg/L	100	08/03/12 17:58
75-09-2	Methylene chloride	< SDL	U	0.075	0.003	0.005	0.05	mg/L	25	08/02/12 13:09
91-20-3	Naphthalene	1.12		0.375	0.003	0.005	0.05	mg/L	125	08/02/12 15:37
104-51-8	n-Butylbenzene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
103-65-1	n-Propylbenzene	2.51	E	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
95-47-6	o-Xylene	2.92	E	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
135-98-8	sec-Butylbenzene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
100-42-5	Styrene	< SDL	U	0.025	0.001	0.005	0.05	mg/L	25	08/02/12 13:09
98-06-6	t-butylbenzene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
127-18-4	Tetrachloroethylene	2.60	E	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
108-88-3	Toluene	2.75	E	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
79-01-6	Trichloroethylene	< SDL	U	0.05	0.002	0.005	0.05	mg/L	25	08/02/12 13:09
75-69-4	Trichlorofluoromethane	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
75-01-4	Vinyl Chloride	< SDL	U	0.038	0.0015	0.005	0.05	mg/L	25	08/02/12 13:09
1330-20-7	Xylenes	9.27	E	0.125	0.005	0.015	0.15	mg/L	25	08/02/12 13:09
17060-07-0	1,2-Dichloroethane-d4(surr)	83.4				70	130	%	50	08/02/12 13:09
1868-53-7	Dibromofluoromethane(surr)	93.9				70	130	%	50	08/02/12 13:09
2037-26-5	Toluene-d8(surr)	96.5				70	130	%	50	08/02/12 13:09
460-00-4	p-Bromofluorobenzene(surr)	84.6				70	130	%	50	08/02/12 13:09

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T2
A&B Job Sample ID: 12071121.03
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 13:54
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 13:54
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
88-06-2	2,4,6-Trichlorophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 13:54
120-83-2	2,4-Dichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
105-67-9	2,4-Dimethylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 13:54
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
91-58-7	2-Chloronaphthalene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
95-57-8	2-Chlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
91-57-6	2-Methylnaphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
95-48-7	2-Methylphenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
88-74-4	2-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
88-75-5	2-Nitrophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 13:54
108-39-4 & 106-	3- & 4-Methylphenols	< SDL	U	0.250	0.005	0.02	0.24	mg/L	50	07/31/12 13:54
91-94-1	3,3-Dichlorobenzidine	< SDL	U	0.550	0.011	0.01	0.12	mg/L	50	07/31/12 13:54
99-09-2	3-Nitroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
59-50-7	4-Chloro-3-methylphenol	0.432	J	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
106-47-8	4-Chloroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
100-01-6	4-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
100-02-7	4-Nitrophenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
83-32-9	Acenaphthene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
208-96-8	Acenaphthylene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
62-53-3	Aniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
120-12-7	Anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
103-33-3	Azobenzene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
92-87-5	Benzidine	< SDL	U	0.650	0.013	0.01	0.12	mg/L	50	07/31/12 13:54
56-55-3	Benzo(a)anthracene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
50-32-8	Benzo(a)pyrene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T2
A&B Job Sample ID: 12071121.03

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
65-85-0	Benzoic acid	5.80		4.75	0.019	0.01	0.12	mg/L	250	07/31/12 18:21
100-51-6	Benzyl alcohol	0.480	J	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	0.400	0.008	0.01	0.12	mg/L	50	07/31/12 13:54
85-68-7	Butyl benzyl phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
86-74-8	Carbazole	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
218-01-9	Chrysene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 13:54
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
132-64-9	Dibenzofuran	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
84-66-2	Diethyl phthalate	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
131-11-3	Dimethyl phthalate	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
84-74-2	Di-n-butyl phthalate	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 13:54
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
206-44-0	Fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
86-73-7	Fluorene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
118-74-1	Hexachlorobenzene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
87-68-3	Hexachlorobutadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
67-72-1	Hexachloroethane	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
78-59-1	Isophorone	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
91-20-3	Naphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 13:54
98-95-3	Nitrobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
87-86-5	Pentachlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 13:54
85-01-8	Phenanthrene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
108-95-2	Phenol	0.263	J	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 13:54
129-00-0	Pyrene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 13:54
110-86-1	Pyridine	< SDL	U	0.750	0.015	0.01	0.12	mg/L	50	07/31/12 13:54
118-79-6	2,4,6-Tribromophenol(surr)	31.8				19	122	%	50	07/31/12 13:54
13127-88-3	Phenol-d6(surr)	92.6				10	130	%	50	07/31/12 13:54
132-60-8	2-Fluorobiphenyl(surr)	32.8				30	115	%	50	07/31/12 13:54

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T2	Date:	8/7/2012
A&B Job Sample ID:	12071121.03		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	40.4				18	137	%	50	07/31/12 13:54
367-12-4	2-Fluorophenol(surr)	20.6				15	115	%	50	07/31/12 13:54
4165-60-0	Nitrobenzene-d5(surr)	28.4				23	120	%	50	07/31/12 13:54

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T2	Date:	8/7/2012
A&B Job Sample ID:	12071121.03		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 10:50
QC Batch ID:	Qb12080224	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	5.20	H3			----	----	s.u.		08/02/12 10:25
	Temperature when read, °C[1]	24.3	H3			----	----	s.u.		08/02/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T2	Date:	8/7/2012
A&B Job Sample ID:	12071121.03		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 10:50
QC Batch ID:	qb12080143	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/01/2012 14:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080211		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	293		58.6	0.66	1.5	60	mg/L	88.73	08/01/12 17:30
TPH-1005-2	>C12-C28[1]	965		76.3	0.86	1.5	60	mg/L	88.73	08/01/12 17:30
TPH-1005-4	>C28-C35[1]	1046		66.5	0.75	1.5	60	mg/L	88.73	08/01/12 17:30
	Total C6-C35	2304				----	----	mg/L	88.73	08/01/12 17:30
111-85-3	1-Chlorooctane(surr)	N/A	S4			59	122	%	88.73	08/01/12 17:30
3386-33-2	Chlorooctadecane(surr)	N/A	S4			48	123	%	88.73	08/01/12 17:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T 6	Date:	8/7/2012
A&B Job Sample ID:	12071121.04		
Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.110		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:48
7440-38-2	Arsenic	0.110		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:48
7440-39-3	Barium	1.53		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 03:48
7440-41-7	Beryllium	< SDL	D1,U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 03:48
7440-43-9	Cadmium	0.038	J	0.004	0.002	0.02	15	mg/L	2	08/02/12 03:48
7440-47-3	Chromium	0.563		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:48
7439-92-1	Lead	1.64		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:48
7440-02-0	Nickel	1.98		0.008	0.004	0.02	20	mg/L	2	08/02/12 03:48
7782-49-2	Selenium	0.063		0.008	0.004	0.02	30	mg/L	2	08/02/12 03:48
7440-22-4	Silver	< SDL	U	0.002	0.001	0.02	20	mg/L	2	08/02/12 03:48

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T 6	Date:	8/7/2012
A&B Job Sample ID:	12071121.04		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080138	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 11:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080133		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.001	0.00006	0.0002	0.01	mg/L	20	07/31/12 18:32

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T 6	Date:	8/7/2012
A&B Job Sample ID:	12071121.04		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12072745	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	2838	E,D1	10	1	----	----	mg/L	10	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T 6	Date:	8/7/2012
A&B Job Sample ID:	12071121.04		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080225	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/02/12 08:50

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T 6	Date:	8/7/2012
A&B Job Sample ID:	12071121.04		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080241	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	07/30/2012 08:40
Prepared By:	Srani		
Prep Batch ID	PB12073135		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 13:15

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T 6	Date:	8/7/2012
A&B Job Sample ID:	12071121.04		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080237	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080234		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T 6
A&B Job Sample ID: 12071121.04
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080304	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
71-55-6	1,1,1-Trichloroethane	< SDL	D2,U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 14:33
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
95-63-6	1,2,4-Trimethylbenzene	2.30		0.1	0.001	0.005	0.05	mg/L	100	08/03/12 17:25
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 14:33
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:33
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
108-67-8	1,3,5-Trimethylbenzene	0.568		0.150	0.0015	0.005	0.05	mg/L	100	08/03/12 17:25
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:33
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:33
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
71-43-2	Benzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
74-97-5	Bromochloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 14:33
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 14:33
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 14:33
67-66-3	Chloroform	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:33
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T 6
A&B Job Sample ID: 12071121.04

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080304	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
75-71-8	Dichlorodifluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
100-41-4	Ethylbenzene	1.10		0.200	0.002	0.005	0.05	mg/L	100	08/03/12 17:25
98-82-8	Isopropylbenzene	0.103		0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:33
108-38-3&106-4	m- & p-Xylenes	4.99		0.250	0.0025	0.01	0.1	mg/L	100	08/03/12 17:25
78-93-3	MEK	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 14:33
75-09-2	Methylene chloride	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 14:33
91-20-3	Naphthalene	1.94		0.300	0.003	0.005	0.05	mg/L	100	08/03/12 17:25
104-51-8	n-Butylbenzene	0.721		0.150	0.0015	0.005	0.05	mg/L	100	08/03/12 17:25
103-65-1	n-Propylbenzene	0.199		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
95-47-6	o-Xylene	3.74		0.150	0.0015	0.005	0.05	mg/L	100	08/03/12 17:25
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
100-42-5	Styrene	0.045	J	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:33
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
108-88-3	Toluene	0.946		0.150	0.0015	0.005	0.05	mg/L	100	08/03/12 17:25
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:33
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:33
1330-20-7	Xylenes	8.73		0.500	0.005	0.015	0.15	mg/L	100	08/03/12 17:25
17060-07-0	1,2-Dichloroethane-d4(surr)	84.9				70	130	%	25	08/02/12 14:33
1868-53-7	Dibromofluoromethane(surr)	94				70	130	%	25	08/02/12 14:33
2037-26-5	Toluene-d8(surr)	96.5				70	130	%	25	08/02/12 14:33
460-00-4	p-Bromofluorobenzene(surr)	82.8				70	130	%	25	08/02/12 14:33

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T 6
A&B Job Sample ID: 12071121.04
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 14:14
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 14:14
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
88-06-2	2,4,6-Trichlorophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 14:14
120-83-2	2,4-Dichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
105-67-9	2,4-Dimethylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 14:14
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
91-58-7	2-Chloronaphthalene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
95-57-8	2-Chlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
91-57-6	2-Methylnaphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
95-48-7	2-Methylphenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
88-74-4	2-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
88-75-5	2-Nitrophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 14:14
108-39-4 & 106-	3- & 4-Methylphenols	< SDL	U	0.250	0.005	0.02	0.24	mg/L	50	07/31/12 14:14
91-94-1	3,3-Dichlorobenzidine	< SDL	U	0.550	0.011	0.01	0.12	mg/L	50	07/31/12 14:14
99-09-2	3-Nitroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
59-50-7	4-Chloro-3-methylphenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
106-47-8	4-Chloroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
100-01-6	4-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
100-02-7	4-Nitrophenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
83-32-9	Acenaphthene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
208-96-8	Acenaphthylene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
62-53-3	Aniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
120-12-7	Anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
103-33-3	Azobenzene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
92-87-5	Benzidine	< SDL	U	0.650	0.013	0.01	0.12	mg/L	50	07/31/12 14:14
56-55-3	Benzo(a)anthracene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
50-32-8	Benzo(a)pyrene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T 6
A&B Job Sample ID: 12071121.04

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
65-85-0	Benzoic acid	1.18		0.950	0.019	0.01	0.12	mg/L	50	07/31/12 14:14
100-51-6	Benzyl alcohol	0.492	J	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	0.400	0.008	0.01	0.12	mg/L	50	07/31/12 14:14
85-68-7	Butyl benzyl phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
86-74-8	Carbazole	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
218-01-9	Chrysene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 14:14
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
132-64-9	Dibenzofuran	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
84-66-2	Diethyl phthalate	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
131-11-3	Dimethyl phthalate	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
84-74-2	Di-n-butyl phthalate	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 14:14
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
206-44-0	Fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
86-73-7	Fluorene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
118-74-1	Hexachlorobenzene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
87-68-3	Hexachlorobutadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
67-72-1	Hexachloroethane	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
78-59-1	Isophorone	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
91-20-3	Naphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:14
98-95-3	Nitrobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
87-86-5	Pentachlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:14
85-01-8	Phenanthrene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
108-95-2	Phenol	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:14
129-00-0	Pyrene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:14
110-86-1	Pyridine	< SDL	U	0.750	0.015	0.01	0.12	mg/L	50	07/31/12 14:14
118-79-6	2,4,6-Tribromophenol(surr)	48.2				19	122	%	50	07/31/12 14:14
13127-88-3	Phenol-d6(surr)	21.6				10	130	%	50	07/31/12 14:14
132-60-8	2-Fluorobiphenyl(surr)	53.4				30	115	%	50	07/31/12 14:14

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T 6	Date:	8/7/2012
A&B Job Sample ID:	12071121.04		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	71.8				18	137	%	50	07/31/12 14:14
367-12-4	2-Fluorophenol(surr)	30.2				15	115	%	50	07/31/12 14:14
4165-60-0	Nitrobenzene-d5(surr)	57.8				23	120	%	50	07/31/12 14:14

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T 6	Date:	8/7/2012
A&B Job Sample ID:	12071121.04		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 11:10
QC Batch ID:	Qb12080224	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	7.55	H3			----	----	s.u.		08/02/12 10:25
	Temperature when read, °C[1]	24	H3			----	----	s.u.		08/02/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T 6
A&B Job Sample ID: 12071121.04

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 11:10
QC Batch ID:	qb12080143	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/01/2012 14:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080211		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	50.9		5.87	0.66	1.5	60	mg/L	8.90	08/01/12 18:13
TPH-1005-2	>C12-C28[1]	392		7.65	0.86	1.5	60	mg/L	8.90	08/01/12 18:13
TPH-1005-4	>C28-C35[1]	97.2		6.68	0.75	1.5	60	mg/L	8.90	08/01/12 18:13
	Total C6-C35	540.1				----	----	mg/L	8.90	08/01/12 18:13
111-85-3	1-Chlorooctane(surr)	N/A	S4			59	122	%	8.90	08/01/12 18:13
3386-33-2	Chlorooctadecane(surr)	N/A	S4			48	123	%	8.90	08/01/12 18:13

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T3
A&B Job Sample ID: 12071121.05

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.267	D1	0.008	0.004	0.02	30	mg/L	2	08/02/12 04:01
7440-38-2	Arsenic	0.200		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:01
7440-39-3	Barium	12.1		0.04	0.004	0.02	3.0	mg/L	10	08/02/12 02:38
7440-41-7	Beryllium	0.008	J	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 04:01
7440-43-9	Cadmium	0.036	J	0.004	0.002	0.02	15	mg/L	2	08/02/12 04:01
7440-47-3	Chromium	3.08		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:01
7439-92-1	Lead	1.53		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:01
7440-02-0	Nickel	2.85		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:01
7782-49-2	Selenium	0.036	J	0.008	0.004	0.02	30	mg/L	2	08/02/12 04:01
7440-22-4	Silver	0.007	J	0.002	0.001	0.02	20	mg/L	2	08/02/12 04:01

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T3	Date:	8/7/2012
A&B Job Sample ID:	12071121.05		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080138	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 11:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080133		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.001	0.00006	0.0002	0.01	mg/L	20	07/31/12 18:35

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T3	Date:	8/7/2012
A&B Job Sample ID:	12071121.05		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12072745	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	8016	E,D1	20	1	----	----	mg/L	20	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T3	Date:	8/7/2012
A&B Job Sample ID:	12071121.05		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080626	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/06/12 08:20

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T3	Date:	8/7/2012
A&B Job Sample ID:	12071121.05		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080241	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	07/30/2012 08:40
Prepared By:	Srani		
Prep Batch ID	PB12073135		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 13:15

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T3	Date:	8/7/2012
A&B Job Sample ID:	12071121.05		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080237	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080234		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	61	E	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T3
A&B Job Sample ID: 12071121.05
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
71-55-6	1,1,1-Trichloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 14:40
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
95-63-6	1,2,4-Trimethylbenzene	29.1		5.00	0.001	0.005	0.05	mg/L	5000	08/03/12 17:26
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 14:40
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:40
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
108-67-8	1,3,5-Trimethylbenzene	2.57		0.150	0.0015	0.005	0.05	mg/L	100	08/03/12 14:55
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:40
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:40
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
71-43-2	Benzene	0.246		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
74-97-5	Bromochloromethane	< SDL	U,V1	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 14:40
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 14:40
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 14:40
67-66-3	Chloroform	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:40
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T3
A&B Job Sample ID: 12071121.05
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
75-71-8	Dichlorodifluoromethane	< SDL	U,V7	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
100-41-4	Ethylbenzene	1.81		0.200	0.002	0.005	0.05	mg/L	100	08/03/12 14:55
98-82-8	Isopropylbenzene	0.191		0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:40
108-38-3&106-4	m- & p-Xylenes	6.20		0.250	0.0025	0.01	0.1	mg/L	100	08/03/12 14:55
78-93-3	MEK	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 14:40
75-09-2	Methylene chloride	< SDL	U,V1	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 14:40
91-20-3	Naphthalene	2.68		0.300	0.003	0.005	0.05	mg/L	100	08/03/12 14:55
104-51-8	n-Butylbenzene	1.20		0.038	0.0015	0.005	0.05	mg/L	25	08/03/12 12:56
103-65-1	n-Propylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
95-47-6	o-Xylene	2.81		0.150	0.0015	0.005	0.05	mg/L	100	08/03/12 14:55
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
100-42-5	Styrene	< SDL	U,V7	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 14:40
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
108-88-3	Toluene	2.93		0.150	0.0015	0.005	0.05	mg/L	100	08/03/12 14:55
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 14:40
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 14:40
1330-20-7	Xylenes	9.01		0.500	0.005	0.015	0.15	mg/L	100	08/03/12 14:55
17060-07-0	1,2-Dichloroethane-d4(surr)	120				70	130	%	10	08/02/12 14:40
1868-53-7	Dibromofluoromethane(surr)	117				70	130	%	10	08/02/12 14:40
2037-26-5	Toluene-d8(surr)	124				70	130	%	10	08/02/12 14:40
460-00-4	p-Bromofluorobenzene(surr)	104				70	130	%	10	08/02/12 14:40

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T3
A&B Job Sample ID: 12071121.05
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.025	0.002	0.01	0.12	mg/L	12.5	07/31/12 18:42
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.025	0.002	0.01	0.12	mg/L	12.5	07/31/12 18:42
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
88-06-2	2,4,6-Trichlorophenol	< SDL	U	0.088	0.007	0.01	0.12	mg/L	12.5	07/31/12 18:42
120-83-2	2,4-Dichlorophenol	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
105-67-9	2,4-Dimethylphenol	0.119	J	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	0.088	0.007	0.01	0.12	mg/L	12.5	07/31/12 18:42
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
91-58-7	2-Chloronaphthalene	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
95-57-8	2-Chlorophenol	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
91-57-6	2-Methylnaphthalene	0.077	J	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
95-48-7	2-Methylphenol	0.211		0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
88-74-4	2-Nitroaniline	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
88-75-5	2-Nitrophenol	< SDL	U	0.088	0.007	0.01	0.12	mg/L	12.5	07/31/12 18:42
108-39-4 & 106-	3- & 4-Methylphenols	< SDL	U	0.063	0.005	0.02	0.24	mg/L	12.5	07/31/12 18:42
91-94-1	3,3-Dichlorobenzidine	< SDL	U	0.138	0.011	0.01	0.12	mg/L	12.5	07/31/12 18:42
99-09-2	3-Nitroaniline	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
59-50-7	4-Chloro-3-methylphenol	0.902		0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
106-47-8	4-Chloroaniline	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
100-01-6	4-Nitroaniline	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
100-02-7	4-Nitrophenol	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
83-32-9	Acenaphthene	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
208-96-8	Acenaphthylene	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
62-53-3	Aniline	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
120-12-7	Anthracene	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
103-33-3	Azobenzene	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
92-87-5	Benzidine	< SDL	U	0.163	0.013	0.01	0.12	mg/L	12.5	07/31/12 18:42
56-55-3	Benzo(a)anthracene	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
50-32-8	Benzo(a)pyrene	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T3
A&B Job Sample ID: 12071121.05
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
65-85-0	Benzoic acid	< SDL	U	0.238	0.019	0.01	0.12	mg/L	12.5	07/31/12 18:42
100-51-6	Benzyl alcohol	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	0.1	0.008	0.01	0.12	mg/L	12.5	07/31/12 18:42
85-68-7	Butyl benzyl phthalate	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
86-74-8	Carbazole	< SDL	U	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
218-01-9	Chrysene	< SDL	U	0.025	0.002	0.01	0.12	mg/L	12.5	07/31/12 18:42
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
132-64-9	Dibenzofuran	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
84-66-2	Diethyl phthalate	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
131-11-3	Dimethyl phthalate	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
84-74-2	Di-n-butyl phthalate	< SDL	U	0.025	0.002	0.01	0.12	mg/L	12.5	07/31/12 18:42
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
206-44-0	Fluoranthene	< SDL	U	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
86-73-7	Fluorene	< SDL	U	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
118-74-1	Hexachlorobenzene	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
87-68-3	Hexachlorobutadiene	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
67-72-1	Hexachloroethane	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
78-59-1	Isophorone	< SDL	U	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
91-20-3	Naphthalene	0.095	J	0.05	0.004	0.01	0.12	mg/L	12.5	07/31/12 18:42
98-95-3	Nitrobenzene	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
87-86-5	Pentachlorophenol	< SDL	U	0.063	0.005	0.01	0.12	mg/L	12.5	07/31/12 18:42
85-01-8	Phenanthrene	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
108-95-2	Phenol	< SDL	U	0.038	0.003	0.01	0.12	mg/L	12.5	07/31/12 18:42
129-00-0	Pyrene	< SDL	U	0.075	0.006	0.01	0.12	mg/L	12.5	07/31/12 18:42
110-86-1	Pyridine	< SDL	U	0.188	0.015	0.01	0.12	mg/L	12.5	07/31/12 18:42
118-79-6	2,4,6-Tribromophenol(surr)	N/A	S4			19	122	%	12.5	07/31/12 18:42
13127-88-3	Phenol-d6(surr)	N/A	S4			10	130	%	12.5	07/31/12 18:42
132-60-8	2-Fluorobiphenyl(surr)	41.7				30	115	%	12.5	07/31/12 18:42

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T3	Date:	8/7/2012
A&B Job Sample ID:	12071121.05		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	42.1				18	137	%	12.5	07/31/12 18:42
367-12-4	2-Fluorophenol(surr)	N/A	S4			15	115	%	12.5	07/31/12 18:42
4165-60-0	Nitrobenzene-d5(surr)	43.6				23	120	%	12.5	07/31/12 18:42

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T3	Date:	8/7/2012
A&B Job Sample ID:	12071121.05		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080622	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	8.02	H3			----	----	s.u.		08/06/12 10:25
	Temperature when read, °C[1]	24.3	H3			----	----	s.u.		08/06/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T3	Date:	8/7/2012
A&B Job Sample ID:	12071121.05		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 11:30
QC Batch ID:	Qb12080643	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/06/2012 13:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080635		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	356		11.7	0.66	1.5	60	mg/L	17.8	08/06/12 14:51
TPH-1005-2	>C12-C28[1]	1264		153	0.86	1.5	60	mg/L	177.7	08/06/12 14:27
TPH-1005-4	>C28-C35[1]	402		13.4	0.75	1.5	60	mg/L	17.8	08/06/12 14:51
	Total C6-C35	2022				----	----	mg/L	177.7	08/06/12 14:27
111-85-3	1-Chlorooctane(surr)	N/A	S4			59	122	%	17.8	08/06/12 14:27
3386-33-2	Chlorooctadecane(surr)	N/A	S4			48	123	%	17.8	08/06/12 14:27

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T4
A&B Job Sample ID: 12071121.06

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	< SDL	U	0.008	0.004	0.02	30	mg/L	2	08/02/12 04:08
7440-38-2	Arsenic	0.059		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:08
7440-39-3	Barium	0.047		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 04:08
7440-41-7	Beryllium	< SDL	D1,U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 04:08
7440-43-9	Cadmium	< SDL	U	0.004	0.002	0.02	15	mg/L	2	08/02/12 04:08
7440-47-3	Chromium	0.142		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:08
7439-92-1	Lead	0.03	J	0.008	0.004	0.02	20	mg/L	2	08/02/12 04:08
7440-02-0	Nickel	1.69		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:08
7782-49-2	Selenium	0.01	J	0.008	0.004	0.02	30	mg/L	2	08/02/12 04:08
7440-22-4	Silver	< SDL	U	0.002	0.001	0.02	20	mg/L	2	08/02/12 04:08

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T4	Date:	8/7/2012
A&B Job Sample ID:	12071121.06		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080138	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 11:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080133		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.0006	0.00006	0.0002	0.01	mg/L	10	07/31/12 18:03

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T4	Date:	8/7/2012
A&B Job Sample ID:	12071121.06		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12072745	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	219	E,D1	5.00	1	----	----	mg/L	5	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T4	Date:	8/7/2012
A&B Job Sample ID:	12071121.06		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080626	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/06/12 08:20

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T4	Date:	8/7/2012
A&B Job Sample ID:	12071121.06		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080241	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	07/30/2012 08:40
Prepared By:	Srani		
Prep Batch ID	PB12073135		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 13:15

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T4	Date:	8/7/2012
A&B Job Sample ID:	12071121.06		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080237	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:20
Prepared By:	Srani		
Prep Batch ID	PB12080632		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T4
A&B Job Sample ID: 12071121.06
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
71-55-6	1,1,1-Trichloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 15:10
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
95-63-6	1,2,4-Trimethylbenzene	0.291		0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:10
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 15:10
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:10
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
108-67-8	1,3,5-Trimethylbenzene	0.085		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:10
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:10
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
71-43-2	Benzene	0.026	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
74-97-5	Bromochloromethane	< SDL	U,V1	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 15:10
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 15:10
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 15:10
67-66-3	Chloroform	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:10
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T4
A&B Job Sample ID: 12071121.06

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
75-71-8	Dichlorodifluoromethane	< SDL	U,V7	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
100-41-4	Ethylbenzene	0.06		0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
98-82-8	Isopropylbenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:10
108-38-3&106-4	m- & p-Xylenes	0.200		0.025	0.0025	0.01	0.1	mg/L	10	08/02/12 15:10
78-93-3	MEK	3.65		0.500	0.005	0.005	0.05	mg/L	100	08/03/12 19:27
75-09-2	Methylene chloride	< SDL	U,V1	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 15:10
91-20-3	Naphthalene	0.186		0.03	0.003	0.005	0.05	mg/L	10	08/02/12 15:10
104-51-8	n-Butylbenzene	0.061		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
103-65-1	n-Propylbenzene	0.04	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
95-47-6	o-Xylene	0.113		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
100-42-5	Styrene	< SDL	U,V7	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:10
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
108-88-3	Toluene	0.194		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:10
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:10
1330-20-7	Xylenes	0.313		0.05	0.005	0.015	0.15	mg/L	10	08/02/12 15:10
17060-07-0	1,2-Dichloroethane-d4(surr)	94.6				70	130	%	10	08/02/12 15:10
1868-53-7	Dibromofluoromethane(surr)	106				70	130	%	10	08/02/12 15:10
2037-26-5	Toluene-d8(surr)	97.1				70	130	%	10	08/02/12 15:10
460-00-4	p-Bromofluorobenzene(surr)	81.3				70	130	%	10	08/02/12 15:10

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T4
A&B Job Sample ID: 12071121.06
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 14:55
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 14:55
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
88-06-2	2,4,6-Trichlorophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 14:55
120-83-2	2,4-Dichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
105-67-9	2,4-Dimethylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 14:55
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
91-58-7	2-Chloronaphthalene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
95-57-8	2-Chlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
91-57-6	2-Methylnaphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
95-48-7	2-Methylphenol	0.361	J	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
88-74-4	2-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
88-75-5	2-Nitrophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 14:55
108-39-4 & 106-	3- & 4-Methylphenols	2.37		0.250	0.005	0.02	0.24	mg/L	50	07/31/12 14:55
91-94-1	3,3-Dichlorobenzidine	< SDL	U	0.550	0.011	0.01	0.12	mg/L	50	07/31/12 14:55
99-09-2	3-Nitroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
59-50-7	4-Chloro-3-methylphenol	1.03		0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
106-47-8	4-Chloroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
100-01-6	4-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
100-02-7	4-Nitrophenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
83-32-9	Acenaphthene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
208-96-8	Acenaphthylene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
62-53-3	Aniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
120-12-7	Anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
103-33-3	Azobenzene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
92-87-5	Benzidine	< SDL	U	0.650	0.013	0.01	0.12	mg/L	50	07/31/12 14:55
56-55-3	Benzo(a)anthracene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
50-32-8	Benzo(a)pyrene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T4
A&B Job Sample ID: 12071121.06
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
65-85-0	Benzoic acid	4.36		0.950	0.019	0.01	0.12	mg/L	50	07/31/12 14:55
100-51-6	Benzyl alcohol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	0.400	0.008	0.01	0.12	mg/L	50	07/31/12 14:55
85-68-7	Butyl benzyl phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
86-74-8	Carbazole	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
218-01-9	Chrysene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 14:55
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
132-64-9	Dibenzofuran	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
84-66-2	Diethyl phthalate	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
131-11-3	Dimethyl phthalate	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
84-74-2	Di-n-butyl phthalate	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 14:55
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
206-44-0	Fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
86-73-7	Fluorene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
118-74-1	Hexachlorobenzene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
87-68-3	Hexachlorobutadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
67-72-1	Hexachloroethane	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
78-59-1	Isophorone	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
91-20-3	Naphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 14:55
98-95-3	Nitrobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
87-86-5	Pentachlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 14:55
85-01-8	Phenanthrene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
108-95-2	Phenol	0.687		0.150	0.003	0.01	0.12	mg/L	50	07/31/12 14:55
129-00-0	Pyrene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 14:55
110-86-1	Pyridine	< SDL	U	0.750	0.015	0.01	0.12	mg/L	50	07/31/12 14:55
118-79-6	2,4,6-Tribromophenol(surr)	57.6				19	122	%	50	07/31/12 14:55
13127-88-3	Phenol-d6(surr)	24.4				10	130	%	50	07/31/12 14:55
132-60-8	2-Fluorobiphenyl(surr)	58.6				30	115	%	50	07/31/12 14:55

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T4	Date:	8/7/2012
A&B Job Sample ID:	12071121.06		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	63.2				18	137	%	50	07/31/12 14:55
367-12-4	2-Fluorophenol(surr)	38.2				15	115	%	50	07/31/12 14:55
4165-60-0	Nitrobenzene-d5(surr)	62.8				23	120	%	50	07/31/12 14:55

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T4	Date:	8/7/2012
A&B Job Sample ID:	12071121.06		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 12:00
QC Batch ID:	Qb12080622	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	8.70	H3			----	----	s.u.		08/06/12 10:25
	Temperature when read, °C[1]	24	H3			----	----	s.u.		08/06/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T4
A&B Job Sample ID: 12071121.06

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 12:00
QC Batch ID:	qb12080143	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/01/2012 14:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080211		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	14		0.594	0.66	1.5	60	mg/L	0.90	08/02/12 13:08
TPH-1005-2	>C12-C28[1]	24.3		0.774	0.86	1.5	60	mg/L	0.90	08/02/12 13:08
TPH-1005-4	>C28-C35[1]	3.06		0.675	0.75	1.5	60	mg/L	0.90	08/02/12 13:08
	Total C6-C35	41.36				----	----	mg/L	0.90	08/02/12 13:08
111-85-3	1-Chlorooctane(surr)	121				59	122	%	0.90	08/02/12 13:08
3386-33-2	Chlorooctadecane(surr)	N/A	S4			48	123	%	0.90	08/02/12 13:08

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T10
A&B Job Sample ID: 12071121.07

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.046		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:13
7440-38-2	Arsenic	0.129		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:13
7440-39-3	Barium	0.921		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 04:13
7440-41-7	Beryllium	< SDL	D1,U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 04:13
7440-43-9	Cadmium	< SDL	U	0.004	0.002	0.02	15	mg/L	2	08/02/12 04:13
7440-47-3	Chromium	0.364		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:13
7439-92-1	Lead	0.089		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:13
7440-02-0	Nickel	8.30		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:13
7782-49-2	Selenium	0.092		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:13
7440-22-4	Silver	< SDL	U	0.002	0.001	0.02	20	mg/L	2	08/02/12 04:13

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T10	Date:	8/7/2012
A&B Job Sample ID:	12071121.07		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080138	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 11:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080133		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.001	0.00006	0.0002	0.01	mg/L	20	07/31/12 18:38

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T10	Date:	8/7/2012
A&B Job Sample ID:	12071121.07		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12072745	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	3896	E,D1	20	1	----	----	mg/L	20	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T10	Date:	8/7/2012
A&B Job Sample ID:	12071121.07		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080626	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/06/12 08:20

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T10	Date:	8/7/2012
A&B Job Sample ID:	12071121.07		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080629	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	07/30/2012 08:40
Prepared By:	Srani		
Prep Batch ID	PB12073135		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/06/12 13:20

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T10	Date:	8/7/2012
A&B Job Sample ID:	12071121.07		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080636	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:20
Prepared By:	Srani		
Prep Batch ID	PB12080632		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T10
A&B Job Sample ID: 12071121.07
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
71-55-6	1,1,1-Trichloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 15:40
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
95-63-6	1,2,4-Trimethylbenzene	0.095		0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:40
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 15:40
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:40
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
108-67-8	1,3,5-Trimethylbenzene	0.023	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:40
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:40
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
71-43-2	Benzene	0.023	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
74-97-5	Bromochloromethane	< SDL	U,V1	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 15:40
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 15:40
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 15:40
67-66-3	Chloroform	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:40
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T10
A&B Job Sample ID: 12071121.07

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
75-71-8	Dichlorodifluoromethane	< SDL	U,V7	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
100-41-4	Ethylbenzene	0.05		0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
98-82-8	Isopropylbenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:40
108-38-3&106-4	m- & p-Xylenes	0.136		0.025	0.0025	0.01	0.1	mg/L	10	08/02/12 15:40
78-93-3	MEK	1.57		0.250	0.005	0.005	0.05	mg/L	50	08/03/12 16:25
75-09-2	Methylene chloride	< SDL	U,V1	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 15:40
91-20-3	Naphthalene	0.190		0.03	0.003	0.005	0.05	mg/L	10	08/02/12 15:40
104-51-8	n-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
103-65-1	n-Propylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
95-47-6	o-Xylene	0.093		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
100-42-5	Styrene	< SDL	U,V7	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 15:40
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
108-88-3	Toluene	0.229		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 15:40
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 15:40
1330-20-7	Xylenes	0.229		0.05	0.005	0.015	0.15	mg/L	10	08/02/12 15:40
17060-07-0	1,2-Dichloroethane-d4(surr)	97.5				70	130	%	10	08/02/12 15:40
1868-53-7	Dibromofluoromethane(surr)	107				70	130	%	10	08/02/12 15:40
2037-26-5	Toluene-d8(surr)	96				70	130	%	10	08/02/12 15:40
460-00-4	p-Bromofluorobenzene(surr)	81.5				70	130	%	10	08/02/12 15:40

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T10
A&B Job Sample ID: 12071121.07
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 15:16
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 15:16
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
88-06-2	2,4,6-Trichlorophenol	0.401	J	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 15:16
120-83-2	2,4-Dichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
105-67-9	2,4-Dimethylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 15:16
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
91-58-7	2-Chloronaphthalene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
95-57-8	2-Chlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
91-57-6	2-Methylnaphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
95-48-7	2-Methylphenol	0.620		0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
88-74-4	2-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
88-75-5	2-Nitrophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 15:16
108-39-4 & 106-	3- & 4-Methylphenols	2.09		0.250	0.005	0.02	0.24	mg/L	50	07/31/12 15:16
91-94-1	3,3-Dichlorobenzidine	< SDL	U	0.550	0.011	0.01	0.12	mg/L	50	07/31/12 15:16
99-09-2	3-Nitroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
59-50-7	4-Chloro-3-methylphenol	0.629		0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
106-47-8	4-Chloroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
100-01-6	4-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
100-02-7	4-Nitrophenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
83-32-9	Acenaphthene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
208-96-8	Acenaphthylene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
62-53-3	Aniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
120-12-7	Anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
103-33-3	Azobenzene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
92-87-5	Benzidine	< SDL	U	0.650	0.013	0.01	0.12	mg/L	50	07/31/12 15:16
56-55-3	Benzo(a)anthracene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
50-32-8	Benzo(a)pyrene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T10
A&B Job Sample ID: 12071121.07
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
65-85-0	Benzoic acid	4.86		0.950	0.019	0.01	0.12	mg/L	50	07/31/12 15:16
100-51-6	Benzyl alcohol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	0.400	0.008	0.01	0.12	mg/L	50	07/31/12 15:16
85-68-7	Butyl benzyl phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
86-74-8	Carbazole	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
218-01-9	Chrysene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 15:16
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
132-64-9	Dibenzofuran	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
84-66-2	Diethyl phthalate	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
131-11-3	Dimethyl phthalate	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
84-74-2	Di-n-butyl phthalate	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 15:16
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
206-44-0	Fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
86-73-7	Fluorene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
118-74-1	Hexachlorobenzene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
87-68-3	Hexachlorobutadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
67-72-1	Hexachloroethane	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
78-59-1	Isophorone	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
91-20-3	Naphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:16
98-95-3	Nitrobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
87-86-5	Pentachlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:16
85-01-8	Phenanthrene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
108-95-2	Phenol	3.43		0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:16
129-00-0	Pyrene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:16
110-86-1	Pyridine	< SDL	U	0.750	0.015	0.01	0.12	mg/L	50	07/31/12 15:16
118-79-6	2,4,6-Tribromophenol(surr)	46.6				19	122	%	50	07/31/12 15:16
13127-88-3	Phenol-d6(surr)	34.8				10	130	%	50	07/31/12 15:16
132-60-8	2-Fluorobiphenyl(surr)	41.4				30	115	%	50	07/31/12 15:16

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T10	Date:	8/7/2012
A&B Job Sample ID:	12071121.07		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	50.6				18	137	%	50	07/31/12 15:16
367-12-4	2-Fluorophenol(surr)	28.8				15	115	%	50	07/31/12 15:16
4165-60-0	Nitrobenzene-d5(surr)	44				23	120	%	50	07/31/12 15:16

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T10	Date:	8/7/2012
A&B Job Sample ID:	12071121.07		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 12:20
QC Batch ID:	Qb12080622	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	7.25	H3			----	----	s.u.		08/06/12 10:25
	Temperature when read, °C[1]	24.5	H3			----	----	s.u.		08/06/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T10
A&B Job Sample ID: 12071121.07

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 12:20
QC Batch ID:	qb12080143	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/01/2012 14:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080211		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	54.8		5.89	0.66	1.5	60	mg/L	8.93	08/01/12 20:32
TPH-1005-2	>C12-C28[1]	108		7.68	0.86	1.5	60	mg/L	8.93	08/01/12 20:32
TPH-1005-4	>C28-C35[1]	< SDL	D1,U	6.70	0.75	1.5	60	mg/L	8.93	08/01/12 20:32
	Total C6-C35	162.8				----	----	mg/L	8.93	08/01/12 20:32
111-85-3	1-Chlorooctane(surr)	N/A	S4			59	122	%	8.93	08/01/12 20:32
3386-33-2	Chlorooctadecane(surr)	N/A	S4			48	123	%	8.93	08/01/12 20:32

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T5
A&B Job Sample ID: 12071121.08

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.017	J	0.008	0.004	0.02	30	mg/L	2	08/02/12 04:19
7440-38-2	Arsenic	0.093		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:19
7440-39-3	Barium	0.113		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 04:19
7440-41-7	Beryllium	< SDL	D1,U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 04:19
7440-43-9	Cadmium	< SDL	U	0.004	0.002	0.02	15	mg/L	2	08/02/12 04:19
7440-47-3	Chromium	0.117		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:19
7439-92-1	Lead	0.044		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:19
7440-02-0	Nickel	1.66		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:19
7782-49-2	Selenium	0.031	J	0.008	0.004	0.02	30	mg/L	2	08/02/12 04:19
7440-22-4	Silver	< SDL	U	0.002	0.001	0.02	20	mg/L	2	08/02/12 04:19

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T5	Date:	8/7/2012
A&B Job Sample ID:	12071121.08		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080138	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 11:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080133		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.0006	0.00006	0.0002	0.01	mg/L	10	07/31/12 18:10

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T5	Date:	8/7/2012
A&B Job Sample ID:	12071121.08		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12072745	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	494	E,D1	10	1	----	----	mg/L	10	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T5	Date:	8/7/2012
A&B Job Sample ID:	12071121.08		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080626	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/06/12 08:20

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T5	Date:	8/7/2012
A&B Job Sample ID:	12071121.08		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080241	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	07/30/2012 08:40
Prepared By:	Srani		
Prep Batch ID	PB12073135		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 13:15

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T5	Date:	8/7/2012
A&B Job Sample ID:	12071121.08		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080237	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080234		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T5
A&B Job Sample ID: 12071121.08
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
71-55-6	1,1,1-Trichloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 16:10
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
95-63-6	1,2,4-Trimethylbenzene	0.044	J	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:10
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 16:10
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:10
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
108-67-8	1,3,5-Trimethylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:10
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:10
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
71-43-2	Benzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
74-97-5	Bromochloromethane	< SDL	U,V1	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 16:10
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 16:10
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 16:10
67-66-3	Chloroform	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:10
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T5
A&B Job Sample ID: 12071121.08

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
75-71-8	Dichlorodifluoromethane	< SDL	U,V7	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
100-41-4	Ethylbenzene	0.021	J	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
98-82-8	Isopropylbenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:10
108-38-3&106-4	m- & p-Xylenes	0.068	J	0.025	0.0025	0.01	0.1	mg/L	10	08/02/12 16:10
78-93-3	MEK	1.41		0.500	0.005	0.005	0.05	mg/L	100	08/03/12 17:55
75-09-2	Methylene chloride	< SDL	U,V1	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 16:10
91-20-3	Naphthalene	0.07		0.03	0.003	0.005	0.05	mg/L	10	08/02/12 16:10
104-51-8	n-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
103-65-1	n-Propylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
95-47-6	o-Xylene	0.041	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
100-42-5	Styrene	< SDL	U,V7	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:10
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
108-88-3	Toluene	0.09		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:10
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:10
1330-20-7	Xylenes	0.109	J	0.05	0.005	0.015	0.15	mg/L	10	08/02/12 16:10
17060-07-0	1,2-Dichloroethane-d4(surr)	93.2				70	130	%	10	08/02/12 16:10
1868-53-7	Dibromofluoromethane(surr)	106				70	130	%	10	08/02/12 16:10
2037-26-5	Toluene-d8(surr)	100				70	130	%	10	08/02/12 16:10
460-00-4	p-Bromofluorobenzene(surr)	85.2				70	130	%	10	08/02/12 16:10

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T5
A&B Job Sample ID: 12071121.08
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 15:36
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 15:36
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
88-06-2	2,4,6-Trichlorophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 15:36
120-83-2	2,4-Dichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
105-67-9	2,4-Dimethylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 15:36
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
91-58-7	2-Chloronaphthalene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
95-57-8	2-Chlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
91-57-6	2-Methylnaphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
95-48-7	2-Methylphenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
88-74-4	2-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
88-75-5	2-Nitrophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 15:36
108-39-4 & 106-	3- & 4-Methylphenols	3.23		0.250	0.005	0.02	0.24	mg/L	50	07/31/12 15:36
91-94-1	3,3-Dichlorobenzidine	< SDL	U	0.550	0.011	0.01	0.12	mg/L	50	07/31/12 15:36
99-09-2	3-Nitroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
59-50-7	4-Chloro-3-methylphenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
106-47-8	4-Chloroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
100-01-6	4-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
100-02-7	4-Nitrophenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
83-32-9	Acenaphthene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
208-96-8	Acenaphthylene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
62-53-3	Aniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
120-12-7	Anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
103-33-3	Azobenzene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
92-87-5	Benzidine	< SDL	U	0.650	0.013	0.01	0.12	mg/L	50	07/31/12 15:36
56-55-3	Benzo(a)anthracene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
50-32-8	Benzo(a)pyrene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T5
A&B Job Sample ID: 12071121.08
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
65-85-0	Benzoic acid	1.39		0.950	0.019	0.01	0.12	mg/L	50	07/31/12 15:36
100-51-6	Benzyl alcohol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	0.400	0.008	0.01	0.12	mg/L	50	07/31/12 15:36
85-68-7	Butyl benzyl phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
86-74-8	Carbazole	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
218-01-9	Chrysene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 15:36
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
132-64-9	Dibenzofuran	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
84-66-2	Diethyl phthalate	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
131-11-3	Dimethyl phthalate	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
84-74-2	Di-n-butyl phthalate	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 15:36
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
206-44-0	Fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
86-73-7	Fluorene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
118-74-1	Hexachlorobenzene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
87-68-3	Hexachlorobutadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
67-72-1	Hexachloroethane	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
78-59-1	Isophorone	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
91-20-3	Naphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 15:36
98-95-3	Nitrobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
87-86-5	Pentachlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 15:36
85-01-8	Phenanthrene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
108-95-2	Phenol	0.166	J	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 15:36
129-00-0	Pyrene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 15:36
110-86-1	Pyridine	< SDL	U	0.750	0.015	0.01	0.12	mg/L	50	07/31/12 15:36
118-79-6	2,4,6-Tribromophenol(surr)	61.2				19	122	%	50	07/31/12 15:36
13127-88-3	Phenol-d6(surr)	24.6				10	130	%	50	07/31/12 15:36
132-60-8	2-Fluorobiphenyl(surr)	58.6				30	115	%	50	07/31/12 15:36

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T5	Date:	8/7/2012
A&B Job Sample ID:	12071121.08		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	62.4				18	137	%	50	07/31/12 15:36
367-12-4	2-Fluorophenol(surr)	32.8				15	115	%	50	07/31/12 15:36
4165-60-0	Nitrobenzene-d5(surr)	59.2				23	120	%	50	07/31/12 15:36

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T5	Date:	8/7/2012
A&B Job Sample ID:	12071121.08		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 12:30
QC Batch ID:	Qb12080622	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	8.22	H3			----	----	s.u.		08/06/12 10:25
	Temperature when read, °C[1]	24.8	H3			----	----	s.u.		08/06/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T5	Date:	8/7/2012
A&B Job Sample ID:	12071121.08		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 12:30
QC Batch ID:	qb12080143	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/01/2012 14:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080211		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	39.4		6.09	0.66	1.5	60	mg/L	9.23	08/01/12 21:16
TPH-1005-2	>C12-C28[1]	153		7.94	0.86	1.5	60	mg/L	9.23	08/01/12 21:16
TPH-1005-4	>C28-C35[1]	< SDL	D1,U	6.92	0.75	1.5	60	mg/L	9.23	08/01/12 21:16
	Total C6-C35	192.4				----	----	mg/L	9.23	08/01/12 21:16
111-85-3	1-Chlorooctane(surr)	N/A	S4			59	122	%	9.23	08/01/12 21:16
3386-33-2	Chlorooctadecane(surr)	N/A	S4			48	123	%	9.23	08/01/12 21:16

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T7	Date:	8/7/2012
A&B Job Sample ID:	12071121.09		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.118		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:42
7440-38-2	Arsenic	0.162		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:42
7440-39-3	Barium	0.422		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 04:42
7440-41-7	Beryllium	< SDL	D1,U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 04:42
7440-43-9	Cadmium	0.031	J	0.004	0.002	0.02	15	mg/L	2	08/02/12 04:42
7440-47-3	Chromium	0.558		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:42
7439-92-1	Lead	0.243		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:42
7440-02-0	Nickel	6.97		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:42
7782-49-2	Selenium	0.114		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:42
7440-22-4	Silver	< SDL	U	0.002	0.001	0.02	20	mg/L	2	08/02/12 04:42

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T7	Date:	8/7/2012
A&B Job Sample ID:	12071121.09		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080138	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 11:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080133		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.001	0.00006	0.0002	0.01	mg/L	20	07/31/12 18:41

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T7	Date:	8/7/2012
A&B Job Sample ID:	12071121.09		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12072745	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	3218	E,D1	20	1	----	----	mg/L	20	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T7	Date:	8/7/2012
A&B Job Sample ID:	12071121.09		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080626	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/06/12 08:20

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T7	Date:	8/7/2012
A&B Job Sample ID:	12071121.09		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080629	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080236		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/06/12 13:20

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T7	Date:	8/7/2012
A&B Job Sample ID:	12071121.09		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080636	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:20
Prepared By:	Srani		
Prep Batch ID	PB12080632		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T7
A&B Job Sample ID: 12071121.09
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
71-55-6	1,1,1-Trichloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 16:40
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
95-63-6	1,2,4-Trimethylbenzene	0.063		0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:40
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 16:40
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:40
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
108-67-8	1,3,5-Trimethylbenzene	0.015	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:40
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:40
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
71-43-2	Benzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
74-97-5	Bromochloromethane	< SDL	U,V1	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 16:40
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 16:40
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 16:40
67-66-3	Chloroform	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:40
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T7
A&B Job Sample ID: 12071121.09
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
75-71-8	Dichlorodifluoromethane	< SDL	U,V7	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
100-41-4	Ethylbenzene	0.027	J	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
98-82-8	Isopropylbenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:40
108-38-3&106-4	m- & p-Xylenes	0.105		0.025	0.0025	0.01	0.1	mg/L	10	08/02/12 16:40
78-93-3	MEK	0.139		0.05	0.005	0.005	0.05	mg/L	10	08/02/12 16:40
75-09-2	Methylene chloride	< SDL	U,V1	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 16:40
91-20-3	Naphthalene	0.117		0.03	0.003	0.005	0.05	mg/L	10	08/02/12 16:40
104-51-8	n-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
103-65-1	n-Propylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
95-47-6	o-Xylene	0.076		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
100-42-5	Styrene	< SDL	U,V7	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 16:40
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
108-88-3	Toluene	0.05		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 16:40
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 16:40
1330-20-7	Xylenes	0.181		0.05	0.005	0.015	0.15	mg/L	10	08/02/12 16:40
17060-07-0	1,2-Dichloroethane-d4(surr)	78.1				70	130	%	10	08/02/12 16:40
1868-53-7	Dibromofluoromethane(surr)	88.2				70	130	%	10	08/02/12 16:40
2037-26-5	Toluene-d8(surr)	97.2				70	130	%	10	08/02/12 16:40
460-00-4	p-Bromofluorobenzene(surr)	83				70	130	%	10	08/02/12 16:40

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T7
A&B Job Sample ID: 12071121.09
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.300	0.002	0.01	0.12	mg/L	150	07/31/12 15:57
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.300	0.002	0.01	0.12	mg/L	150	07/31/12 15:57
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
88-06-2	2,4,6-Trichlorophenol	< SDL	U	1.05	0.007	0.01	0.12	mg/L	150	07/31/12 15:57
120-83-2	2,4-Dichlorophenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
105-67-9	2,4-Dimethylphenol	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	1.05	0.007	0.01	0.12	mg/L	150	07/31/12 15:57
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
91-58-7	2-Chloronaphthalene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
95-57-8	2-Chlorophenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
91-57-6	2-Methylnaphthalene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
95-48-7	2-Methylphenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
88-74-4	2-Nitroaniline	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
88-75-5	2-Nitrophenol	< SDL	U	1.05	0.007	0.01	0.12	mg/L	150	07/31/12 15:57
108-39-4 & 106-	3- & 4-Methylphenols	< SDL	U	0.750	0.005	0.02	0.24	mg/L	150	07/31/12 15:57
91-94-1	3,3-Dichlorobenzidine	< SDL	U	1.65	0.011	0.01	0.12	mg/L	150	07/31/12 15:57
99-09-2	3-Nitroaniline	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
59-50-7	4-Chloro-3-methylphenol	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
106-47-8	4-Chloroaniline	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
100-01-6	4-Nitroaniline	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
100-02-7	4-Nitrophenol	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
83-32-9	Acenaphthene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
208-96-8	Acenaphthylene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
62-53-3	Aniline	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
120-12-7	Anthracene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
103-33-3	Azobenzene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
92-87-5	Benzidine	< SDL	U	1.95	0.013	0.01	0.12	mg/L	150	07/31/12 15:57
56-55-3	Benzo(a)anthracene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
50-32-8	Benzo(a)pyrene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T7
A&B Job Sample ID: 12071121.09
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
65-85-0	Benzoic acid	3.17		2.85	0.019	0.01	0.12	mg/L	150	07/31/12 15:57
100-51-6	Benzyl alcohol	1.78		0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	1.20	0.008	0.01	0.12	mg/L	150	07/31/12 15:57
85-68-7	Butyl benzyl phthalate	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
86-74-8	Carbazole	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
218-01-9	Chrysene	< SDL	U	0.300	0.002	0.01	0.12	mg/L	150	07/31/12 15:57
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
132-64-9	Dibenzofuran	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
84-66-2	Diethyl phthalate	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
131-11-3	Dimethyl phthalate	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
84-74-2	Di-n-butyl phthalate	< SDL	U	0.300	0.002	0.01	0.12	mg/L	150	07/31/12 15:57
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
206-44-0	Fluoranthene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
86-73-7	Fluorene	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
118-74-1	Hexachlorobenzene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
87-68-3	Hexachlorobutadiene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
67-72-1	Hexachloroethane	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
78-59-1	Isophorone	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
91-20-3	Naphthalene	< SDL	U	0.600	0.004	0.01	0.12	mg/L	150	07/31/12 15:57
98-95-3	Nitrobenzene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
87-86-5	Pentachlorophenol	< SDL	U	0.750	0.005	0.01	0.12	mg/L	150	07/31/12 15:57
85-01-8	Phenanthrene	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
108-95-2	Phenol	< SDL	U	0.450	0.003	0.01	0.12	mg/L	150	07/31/12 15:57
129-00-0	Pyrene	< SDL	U	0.900	0.006	0.01	0.12	mg/L	150	07/31/12 15:57
110-86-1	Pyridine	< SDL	U	2.25	0.015	0.01	0.12	mg/L	150	07/31/12 15:57
118-79-6	2,4,6-Tribromophenol(surr)	101				19	122	%	150	07/31/12 15:57
13127-88-3	Phenol-d6(surr)	43.8				10	130	%	150	07/31/12 15:57
132-60-8	2-Fluorobiphenyl(surr)	119	S1			30	115	%	150	07/31/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T7	Date:	8/7/2012
A&B Job Sample ID:	12071121.09		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	140	S1			18	137	%	150	07/31/12 15:57
367-12-4	2-Fluorophenol(surr)	66.6				15	115	%	150	07/31/12 15:57
4165-60-0	Nitrobenzene-d5(surr)	137	S1			23	120	%	150	07/31/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T7	Date:	8/7/2012
A&B Job Sample ID:	12071121.09		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080622	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	7.21	H3			----	----	s.u.		08/06/12 10:25
	Temperature when read, °C[1]	25	H3			----	----	s.u.		08/06/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T7	Date:	8/7/2012
A&B Job Sample ID:	12071121.09		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080643	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/06/2012 13:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080635		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	36.4		1.19	0.66	1.5	60	mg/L	1.8	08/06/12 13:39
TPH-1005-2	>C12-C28[1]	85.5		15.4	0.86	1.5	60	mg/L	17.9	08/06/12 15:52
TPH-1005-4	>C28-C35[1]	24		1.35	0.75	1.5	60	mg/L	1.8	08/06/12 13:39
	Total C6-C35	145.9				----	----	mg/L	17.9	08/06/12 15:52
111-85-3	1-Chlorooctane(surr)	N/A	S4			59	122	%	1.8	08/06/12 15:52
3386-33-2	Chlorooctadecane(surr)	N/A	S4			48	123	%	1.8	08/06/12 15:52

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T9	Date:	8/7/2012
A&B Job Sample ID:	12071121.10		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080216	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 14:20
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080217		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.013	J	0.008	0.004	0.02	30	mg/L	2	08/02/12 04:48
7440-38-2	Arsenic	0.073		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:48
7440-39-3	Barium	0.118		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 04:48
7440-41-7	Beryllium	< SDL	D1,U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 04:48
7440-43-9	Cadmium	< SDL	U	0.004	0.002	0.02	15	mg/L	2	08/02/12 04:48
7440-47-3	Chromium	0.155		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:48
7439-92-1	Lead	0.026	J	0.008	0.004	0.02	20	mg/L	2	08/02/12 04:48
7440-02-0	Nickel	2.13		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:48
7782-49-2	Selenium	0.067		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:48
7440-22-4	Silver	< SDL	U	0.002	0.001	0.02	20	mg/L	2	08/02/12 04:48

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T9	Date:	8/7/2012
A&B Job Sample ID:	12071121.10		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12073146	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 08:50
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12073138		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.0006	0.00006	0.0002	0.01	mg/L	10	07/31/12 18:16

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T9	Date:	8/7/2012
A&B Job Sample ID:	12071121.10		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12072745	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	1058	E,D1	5.00	1	----	----	mg/L	5	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T9	Date:	8/7/2012
A&B Job Sample ID:	12071121.10		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080626	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/06/12 08:20

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T9	Date:	8/7/2012
A&B Job Sample ID:	12071121.10		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080241	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080236		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 13:15

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T9	Date:	8/7/2012
A&B Job Sample ID:	12071121.10		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080237	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080234		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	41	E	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T9
A&B Job Sample ID: 12071121.10
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
71-55-6	1,1,1-Trichloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
87-61-6	1,2,3-trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 17:10
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
95-63-6	1,2,4-Trimethylbenzene	0.032	J	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:10
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 17:10
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:10
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
108-67-8	1,3,5-Trimethylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:10
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:10
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
71-43-2	Benzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
74-97-5	Bromochloromethane	< SDL	U,V1	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 17:10
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 17:10
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 17:10
67-66-3	Chloroform	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:10
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T9
A&B Job Sample ID: 12071121.10

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
75-71-8	Dichlorodifluoromethane	< SDL	U,V7	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
100-41-4	Ethylbenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
98-82-8	Isopropylbenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:10
108-38-3&106-4	m- & p-Xylenes	0.037	J	0.025	0.0025	0.01	0.1	mg/L	10	08/02/12 17:10
78-93-3	MEK	0.800		0.125	0.005	0.005	0.05	mg/L	25	08/03/12 18:25
75-09-2	Methylene chloride	< SDL	U,V1	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 17:10
91-20-3	Naphthalene	0.044	J	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 17:10
104-51-8	n-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
103-65-1	n-Propylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
95-47-6	o-Xylene	0.038	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
100-42-5	Styrene	< SDL	U,V7	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:10
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
108-88-3	Toluene	0.069		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:10
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:10
1330-20-7	Xylenes	0.075	J	0.05	0.005	0.015	0.15	mg/L	10	08/02/12 17:10
17060-07-0	1,2-Dichloroethane-d4(surr)	75.7				70	130	%	10	08/02/12 17:10
1868-53-7	Dibromofluoromethane(surr)	89.1				70	130	%	10	08/02/12 17:10
2037-26-5	Toluene-d8(surr)	98.8				70	130	%	10	08/02/12 17:10
460-00-4	p-Bromofluorobenzene(surr)	86.9				70	130	%	10	08/02/12 17:10

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T9
A&B Job Sample ID: 12071121.10
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.200	0.002	0.01	0.12	mg/L	100	07/31/12 16:18
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.200	0.002	0.01	0.12	mg/L	100	07/31/12 16:18
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
88-06-2	2,4,6-Trichlorophenol	< SDL	U	0.700	0.007	0.01	0.12	mg/L	100	07/31/12 16:18
120-83-2	2,4-Dichlorophenol	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
105-67-9	2,4-Dimethylphenol	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	0.700	0.007	0.01	0.12	mg/L	100	07/31/12 16:18
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
91-58-7	2-Chloronaphthalene	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
95-57-8	2-Chlorophenol	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
91-57-6	2-Methylnaphthalene	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
95-48-7	2-Methylphenol	0.813	J	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
88-74-4	2-Nitroaniline	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
88-75-5	2-Nitrophenol	< SDL	U	0.700	0.007	0.01	0.12	mg/L	100	07/31/12 16:18
108-39-4 & 106-	3- & 4-Methylphenols	1.55	J	0.500	0.005	0.02	0.24	mg/L	100	07/31/12 16:18
91-94-1	3,3-Dichlorobenzidine	< SDL	U	1.10	0.011	0.01	0.12	mg/L	100	07/31/12 16:18
99-09-2	3-Nitroaniline	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
59-50-7	4-Chloro-3-methylphenol	0.419	J	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
106-47-8	4-Chloroaniline	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
100-01-6	4-Nitroaniline	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
100-02-7	4-Nitrophenol	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
83-32-9	Acenaphthene	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
208-96-8	Acenaphthylene	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
62-53-3	Aniline	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
120-12-7	Anthracene	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
103-33-3	Azobenzene	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
92-87-5	Benzidine	< SDL	U	1.30	0.013	0.01	0.12	mg/L	100	07/31/12 16:18
56-55-3	Benzo(a)anthracene	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
50-32-8	Benzo(a)pyrene	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T9
A&B Job Sample ID: 12071121.10
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
65-85-0	Benzoic acid	2.88		1.90	0.019	0.01	0.12	mg/L	100	07/31/12 16:18
100-51-6	Benzyl alcohol	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	0.800	0.008	0.01	0.12	mg/L	100	07/31/12 16:18
85-68-7	Butyl benzyl phthalate	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
86-74-8	Carbazole	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
218-01-9	Chrysene	< SDL	U	0.200	0.002	0.01	0.12	mg/L	100	07/31/12 16:18
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
132-64-9	Dibenzofuran	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
84-66-2	Diethyl phthalate	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
131-11-3	Dimethyl phthalate	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
84-74-2	Di-n-butyl phthalate	< SDL	U	0.200	0.002	0.01	0.12	mg/L	100	07/31/12 16:18
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
206-44-0	Fluoranthene	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
86-73-7	Fluorene	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
118-74-1	Hexachlorobenzene	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
87-68-3	Hexachlorobutadiene	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
67-72-1	Hexachloroethane	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
78-59-1	Isophorone	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
91-20-3	Naphthalene	< SDL	U	0.400	0.004	0.01	0.12	mg/L	100	07/31/12 16:18
98-95-3	Nitrobenzene	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
87-86-5	Pentachlorophenol	< SDL	U	0.500	0.005	0.01	0.12	mg/L	100	07/31/12 16:18
85-01-8	Phenanthrene	< SDL	U	0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
108-95-2	Phenol	5.00		0.300	0.003	0.01	0.12	mg/L	100	07/31/12 16:18
129-00-0	Pyrene	< SDL	U	0.600	0.006	0.01	0.12	mg/L	100	07/31/12 16:18
110-86-1	Pyridine	< SDL	U	1.50	0.015	0.01	0.12	mg/L	100	07/31/12 16:18
118-79-6	2,4,6-Tribromophenol(surr)	75.6				19	122	%	100	07/31/12 16:18
13127-88-3	Phenol-d6(surr)	132	S1			10	130	%	100	07/31/12 16:18
132-60-8	2-Fluorobiphenyl(surr)	81.2				30	115	%	100	07/31/12 16:18

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T9	Date:	8/7/2012
A&B Job Sample ID:	12071121.10		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	96.4				18	137	%	100	07/31/12 16:18
367-12-4	2-Fluorophenol(surr)	47.6				15	115	%	100	07/31/12 16:18
4165-60-0	Nitrobenzene-d5(surr)	76.8				23	120	%	100	07/31/12 16:18

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T9	Date:	8/7/2012
A&B Job Sample ID:	12071121.10		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 12:40
QC Batch ID:	Qb12080622	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	8.43	H3			----	----	s.u.		08/06/12 10:25
	Temperature when read, °C[1]	25.1	H3			----	----	s.u.		08/06/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T9	Date:	8/7/2012
A&B Job Sample ID:	12071121.10		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 12:40
QC Batch ID:	qb12080143	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/01/2012 14:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080211		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	17.1		0.601	0.66	1.5	60	mg/L	0.91	08/02/12 13:43
TPH-1005-2	>C12-C28[1]	85.6		7.79	0.86	1.5	60	mg/L	9.06	08/01/12 21:56
TPH-1005-4	>C28-C35[1]	5.91		0.683	0.75	1.5	60	mg/L	0.91	08/02/12 13:43
	Total C6-C35	108.61				----	----	mg/L	9.06	08/01/12 21:56
111-85-3	1-Chlorooctane(surr)	N/A	S4			59	122	%	0.91	08/01/12 21:56
3386-33-2	Chlorooctadecane(surr)	N/A	S4			48	123	%	0.91	08/01/12 21:56

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T8
A&B Job Sample ID: 12071121.11

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Total Recoverable Metals**	Sample Matrix	Water
Analytical Method:	EPA 200.7	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080214	Date Received	07/26/2012 13:53
Prep Method:	EPA 200.7	Date Prepared	08/01/2012 13:00
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12080213		
Analyst Initial	GG	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7440-36-0	Antimony	0.039	J,D1	0.008	0.004	0.02	30	mg/L	2	08/02/12 04:55
7440-38-2	Arsenic	0.140		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:55
7440-39-3	Barium	0.220		0.008	0.004	0.02	3.0	mg/L	2	08/02/12 04:55
7440-41-7	Beryllium	< SDL	U	0.008	0.004	0.02	2.0	mg/L	2	08/02/12 04:55
7440-43-9	Cadmium	< SDL	U	0.004	0.002	0.02	15	mg/L	2	08/02/12 04:55
7440-47-3	Chromium	0.256		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:55
7439-92-1	Lead	0.026	J	0.008	0.004	0.02	20	mg/L	2	08/02/12 04:55
7440-02-0	Nickel	2.41		0.008	0.004	0.02	20	mg/L	2	08/02/12 04:55
7782-49-2	Selenium	0.057		0.008	0.004	0.02	30	mg/L	2	08/02/12 04:55
7440-22-4	Silver	< SDL	U	0.002	0.001	0.02	20	mg/L	2	08/02/12 04:55

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T8	Date:	8/7/2012
A&B Job Sample ID:	12071121.11		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Metals - Mercury**	Sample Matrix	Water
Analytical Method:	EPA 245.1	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12073146	Date Received	07/26/2012 13:53
Prep Method:	EPA 245.1	Date Prepared	07/31/2012 08:50
Prepared By:	Ssrinivasan		
Prep Batch ID	PB12073138		
Analyst Initial	SS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
7439-97-6	Mercury	< SDL	D1,U	0.0006	0.00006	0.0002	0.01	mg/L	10	07/31/12 18:19

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T8	Date:	8/7/2012
A&B Job Sample ID:	12071121.11		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Total Suspended Solids**	Sample Matrix	Water
Analytical Method:	SM 2540D	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12072745	Date Received	07/26/2012 13:53
Prep Method:	SM 2540D	Date Prepared	07/27/2012 15:26
Prepared By:	Ksudha		
Prep Batch ID	PB12072753		
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	TSS	822	E,D1	4.00	1	----	----	mg/L	4	07/27/12 15:57

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T8	Date:	8/7/2012
A&B Job Sample ID:	12071121.11		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Ignitability (Flash Point)**	Sample Matrix	Water
Analytical Method:	SW-846 1010A	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080626	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Ignitability	>150				----	----	°F	1	08/06/12 08:20

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T8	Date:	8/7/2012
A&B Job Sample ID:	12071121.11		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Cyanide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080241	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080236		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Cyanide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 13:15

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T8	Date:	8/7/2012
A&B Job Sample ID:	12071121.11		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Reactive Sulfide**	Sample Matrix	Water
Analytical Method:	SW-846 7.3	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080237	Date Received	07/26/2012 13:53
Prep Method:	SW-846 7.3	Date Prepared	08/02/2012 08:15
Prepared By:	Srani		
Prep Batch ID	PB12080234		
Analyst Initial	SR	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	Reactive Sulfide[1]	< SDL	U	25	25	----	----	mg/L	1	08/02/12 12:30

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T8
A&B Job Sample ID: 12071121.11
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
630-20-6	1,1,1,2-Tetrachloroethane	< SDL	D2,U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
71-55-6	1,1,1-Trichloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
79-34-5	1,1,2,2-Tetrachloroethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
79-00-5	1,1,2-Trichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
75-34-3	1,1-Dichloroethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
75-35-4	1,1-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
563-58-6	1,1-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
87-61-6	1,2,3-trichlorobenzene	0.015	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
96-18-4	1,2,3-Trichloropropane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 17:40
120-82-1	1,2,4-Trichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
95-63-6	1,2,4-Trimethylbenzene	0.042	J	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:40
96-12-8	1,2-Dibromo-3-chloropropane	< SDL	U	0.035	0.0035	0.005	0.05	mg/L	10	08/02/12 17:40
106-93-4	1,2-Dibromoethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
107-06-2	1,2-Dichloroethane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:40
78-87-5	1,2-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
108-67-8	1,3,5-Trimethylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
142-28-9	1,3-Dichloropropane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:40
594-20-7	2,2-Dichloropropane	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:40
95-49-8	2-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
106-43-4	4-Chlorotoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
99-87-6	4-Isopropyltoluene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
71-43-2	Benzene	0.02	J	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
108-86-1	Bromobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
74-97-5	Bromochloromethane	< SDL	U,V1	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
75-27-4	Bromodichloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
75-25-2	Bromoform	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 17:40
74-83-9	Bromomethane	< SDL	U	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 17:40
56-23-5	Carbon tetrachloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
108-90-7	Chlorobenzene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
75-00-3	Chloroethane	< SDL	U	0.05	0.005	0.005	0.05	mg/L	10	08/02/12 17:40
67-66-3	Chloroform	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
74-87-3	Chloromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
156-59-2	cis-1,2-Dichloroethylene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:40
10061-01-5	cis-1,3-Dichloropropene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T8
A&B Job Sample ID: 12071121.11

Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Volatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8260C	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080326	Date Received	07/26/2012 13:53
Prep Method:	SW-846 5030C	Date Prepared	08/01/2012 10:43
Prepared By:	KKrch		
Prep Batch ID	PB12080122		
Analyst Initial	KMK	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
124-48-1	Dibromochloromethane	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
74-95-3	Dibromomethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
75-71-8	Dichlorodifluoromethane	< SDL	U,V7	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
100-41-4	Ethylbenzene	0.027	J	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
98-82-8	Isopropylbenzene	< SDL	U	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:40
108-38-3&106-4	m- & p-Xylenes	0.061	J	0.025	0.0025	0.01	0.1	mg/L	10	08/02/12 17:40
78-93-3	MEK	0.445		0.05	0.005	0.005	0.05	mg/L	10	08/02/12 17:40
75-09-2	Methylene chloride	0.252	V1	0.03	0.003	0.005	0.05	mg/L	10	08/02/12 17:40
91-20-3	Naphthalene	0.263		0.03	0.003	0.005	0.05	mg/L	10	08/02/12 17:40
104-51-8	n-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
103-65-1	n-Propylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
95-47-6	o-Xylene	0.068		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
135-98-8	sec-Butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
100-42-5	Styrene	< SDL	U,V7	0.01	0.001	0.005	0.05	mg/L	10	08/02/12 17:40
98-06-6	t-butylbenzene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
127-18-4	Tetrachloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
108-88-3	Toluene	0.203		0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
156-60-5	trans-1,2-Dichloroethylene	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
10061-02-6	trans-1,3-Dichloropropene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
79-01-6	Trichloroethylene	< SDL	U	0.02	0.002	0.005	0.05	mg/L	10	08/02/12 17:40
75-69-4	Trichlorofluoromethane	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
75-01-4	Vinyl Chloride	< SDL	U	0.015	0.0015	0.005	0.05	mg/L	10	08/02/12 17:40
1330-20-7	Xylenes	0.129	J	0.05	0.005	0.015	0.15	mg/L	10	08/02/12 17:40
17060-07-0	1,2-Dichloroethane-d4(surr)	74.9				70	130	%	10	08/02/12 17:40
1868-53-7	Dibromofluoromethane(surr)	88				70	130	%	10	08/02/12 17:40
2037-26-5	Toluene-d8(surr)	97				70	130	%	10	08/02/12 17:40
460-00-4	p-Bromofluorobenzene(surr)	83.8				70	130	%	10	08/02/12 17:40

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T8
A&B Job Sample ID: 12071121.11
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
120-82-1	1,2,4-Trichlorobenzene	< SDL	D2,U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 16:38
95-50-1	1,2-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
541-73-1	1,3-Dichlorobenzene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 16:38
106-46-7	1,4-Dichlorobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
95-95-4	2,4,5-Trichlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
88-06-2	2,4,6-Trichlorophenol	1.71		0.350	0.007	0.01	0.12	mg/L	50	07/31/12 16:38
120-83-2	2,4-Dichlorophenol	0.262	J	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
105-67-9	2,4-Dimethylphenol	0.451	J	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
51-28-5	2,4-Dinitrophenol	< SDL	U,V7	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 16:38
121-14-2	2,4-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
606-20-2	2,6-Dinitrotoluene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
91-58-7	2-Chloronaphthalene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
95-57-8	2-Chlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
91-57-6	2-Methylnaphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
95-48-7	2-Methylphenol	1.19		0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
88-74-4	2-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
88-75-5	2-Nitrophenol	< SDL	U	0.350	0.007	0.01	0.12	mg/L	50	07/31/12 16:38
108-39-4 & 106-	3- & 4-Methylphenols	2.64		0.250	0.005	0.02	0.24	mg/L	50	07/31/12 16:38
91-94-1	3,3-Dichlorobenzidine	< SDL	U	0.550	0.011	0.01	0.12	mg/L	50	07/31/12 16:38
99-09-2	3-Nitroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
534-52-1	4,6-Dinitro-2-methylphenol	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
101-55-3	4-Bromophenyl phenyl ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
59-50-7	4-Chloro-3-methylphenol	0.235	J	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
106-47-8	4-Chloroaniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
7005-72-3	4-Chlorophenyl pheny ether	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
100-01-6	4-Nitroaniline	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
100-02-7	4-Nitrophenol	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
83-32-9	Acenaphthene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
208-96-8	Acenaphthylene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
62-53-3	Aniline	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
120-12-7	Anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
103-33-3	Azobenzene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
92-87-5	Benzidine	< SDL	U	0.650	0.013	0.01	0.12	mg/L	50	07/31/12 16:38
56-55-3	Benzo(a)anthracene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
50-32-8	Benzo(a)pyrene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
205-99-2	Benzo(b)fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
191-24-2	Benzo(g,h,i)perylene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID: WW T8
A&B Job Sample ID: 12071121.11
Date: 8/7/2012

Client Name: Effective Environmental
Attn: Clint Lechner
Project Name: 79112 CES / CES Davis Askanese

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
207-08-9	Benzo(k)fluoranthene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
65-85-0	Benzoic acid	2.54		0.950	0.019	0.01	0.12	mg/L	50	07/31/12 16:38
100-51-6	Benzyl alcohol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
111-91-1	Bis(2-chloroethoxy) methane	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
111-44-4	Bis(2-chloroethyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
108-60-1	Bis(2-chloroisopropyl) ether	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
117-81-7	Bis(2-ethylhexyl)phthalate	< SDL	U	0.400	0.008	0.01	0.12	mg/L	50	07/31/12 16:38
85-68-7	Butyl benzyl phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
86-74-8	Carbazole	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
218-01-9	Chrysene	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 16:38
53-70-3	Dibenzo(a,h)anthracene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
132-64-9	Dibenzofuran	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
84-66-2	Diethyl phthalate	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
131-11-3	Dimethyl phthalate	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
84-74-2	Di-n-butyl phthalate	< SDL	U	0.1	0.002	0.01	0.12	mg/L	50	07/31/12 16:38
117-84-0	Di-n-octyl Phthalate	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
206-44-0	Fluoranthene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
86-73-7	Fluorene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
118-74-1	Hexachlorobenzene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
87-68-3	Hexachlorobutadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
77-47-4	Hexachlorocyclopentadiene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
67-72-1	Hexachloroethane	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
193-39-5	Indeno(1,2,3-cd)pyrene	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
78-59-1	Isophorone	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
91-20-3	Naphthalene	< SDL	U	0.200	0.004	0.01	0.12	mg/L	50	07/31/12 16:38
98-95-3	Nitrobenzene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
62-75-9	N-Nitrosodimethylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
621-64-7	N-nitroso-di-n-propylamine	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
86-30-6	N-Nitrosodiphenylamine	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
87-86-5	Pentachlorophenol	< SDL	U	0.250	0.005	0.01	0.12	mg/L	50	07/31/12 16:38
85-01-8	Phenanthrene	< SDL	U	0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
108-95-2	Phenol	3.05		0.150	0.003	0.01	0.12	mg/L	50	07/31/12 16:38
129-00-0	Pyrene	< SDL	U	0.300	0.006	0.01	0.12	mg/L	50	07/31/12 16:38
110-86-1	Pyridine	< SDL	U	0.750	0.015	0.01	0.12	mg/L	50	07/31/12 16:38
118-79-6	2,4,6-Tribromophenol(surr)	60.8				19	122	%	50	07/31/12 16:38
13127-88-3	Phenol-d6(surr)	47.8				10	130	%	50	07/31/12 16:38
132-60-8	2-Fluorobiphenyl(surr)	54.6				30	115	%	50	07/31/12 16:38

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T8	Date:	8/7/2012
A&B Job Sample ID:	12071121.11		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Semivolatile Organic Compounds**	Sample Matrix	Water
Analytical Method:	SW-846 8270D	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080139	Date Received	07/26/2012 13:53
Prep Method:	SW-846 3510C	Date Prepared	07/26/2012 11:00
Prepared By:	Msoria		
Prep Batch ID	PB12073150		
Analyst Initial	HW	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
1718-51-0	p-Terphenyl-d14(surr)	78.4				18	137	%	50	07/31/12 16:38
367-12-4	2-Fluorophenol(surr)	51.4				15	115	%	50	07/31/12 16:38
4165-60-0	Nitrobenzene-d5(surr)	53				23	120	%	50	07/31/12 16:38

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T8	Date:	8/7/2012
A&B Job Sample ID:	12071121.11		

Client Name:	Effective Environmental	Attn:	Clint Lechner
Project Name:	79112 CES / CES Davis Askanese		

Test Description:	**Corrosivity, pH**	Sample Matrix	Water
Analytical Method:	SW-846 9040C	Date Collected	07/26/2012 13:00
QC Batch ID:	Qb12080622	Date Received	07/26/2012 13:53
Prep Method:		Date Prepared	
Prepared By:			
Prep Batch ID			
Analyst Initial	KS	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
	pH	8.30	H3			----	----	s.u.		08/06/12 10:25
	Temperature when read, °C[1]	25.2	H3			----	----	s.u.		08/06/12 10:25

Soil results reported on dry weight basis

LABORATORY TEST RESULTS---TRRP13

Client Sample ID:	WW T8	Date:	8/7/2012
A&B Job Sample ID:	12071121.11		

Client Name:	Effective Environmental	Attn: Clint Lechner	
Project Name:	79112 CES / CES Davis Askanese		

Test Description:		Sample Matrix	Water
Analytical Method:	TX 1005	Date Collected	07/26/2012 13:00
QC Batch ID:	qb12080143	Date Received	07/26/2012 13:53
Prep Method:	TX 1005	Date Prepared	08/01/2012 14:00
Prepared By:	AVBembde		
Prep Batch ID	PB12080211		
Analyst Initial	AVB	% Moisture	

CAS Number	Parameter	Result	Flag	SDL	MDL	MQL	UQL	Units	DF	Date/Time
TPH-1005-1	C6-C12[1]	21.8		0.561	0.66	1.5	60	mg/L	0.85	08/02/12 14:16
TPH-1005-2	>C12-C28[1]	79.4		7.34	0.86	1.5	60	mg/L	8.54	08/01/12 22:37
TPH-1005-4	>C28-C35[1]	2.74		0.638	0.75	1.5	60	mg/L	0.85	08/02/12 14:16
	Total C6-C35	103.94				----	----	mg/L	8.54	08/01/12 22:37
111-85-3	1-Chlorooctane(surr)	N/A	S4			59	122	%	0.85	08/01/12 22:37
3386-33-2	Chlorooctadecane(surr)	N/A	S4			48	123	%	0.85	08/01/12 22:37

Soil results reported on dry weight basis

[1]-Parameter not available for accreditation

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : Total Suspended Solids **Method : SM 2540D** **Reporting Units : mg/L**

QC Batch ID : Qb12072744 **Created Date :** 07/27/12 **Created By :** Ksudha

Samples in This QC Batch : 12071121.01,02

Sample Preparation : PB12072753 **Prep Method :** SM 2540D **Prep Date :** 07/27/12 15:26 **Prep By :** Ksudha

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
TSS		< MDL	mg/L	1	----	1		

QC Type: Duplicate

QC Sample ID: 12071089.01

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
TSS	753.2	761	mg/L	1.1	20		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
TSS	500	468.0	93.6	500	468.1	93.6	0	20	72-108	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : Total Suspended Solids **Method : SM 2540D** **Reporting Units : mg/L**

QC Batch ID : Qb12072745 **Created Date :** 07/27/12 **Created By :** Ksudha

Samples in This QC Batch : 12071121.03,04,05,06,07,08,09,10,11

Sample Preparation : PB12072753 **Prep Method :** SM 2540D **Prep Date :** 07/27/12 15:26 **Prep By :** Ksudha

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
TSS		< MDL	mg/L	1	----	1		

QC Type: Duplicate

QC Sample ID: 12071121.03

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
TSS	4994.0	5296	mg/L	5.9	20		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
TSS	500	489.7	97.9						72-108	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Total Metals - Mercury** **Method :** **EPA 245.1** **Reporting Units :** **mg/L**

QC Batch ID : Qb12073146 **Created Date :** 07/31/12 **Created By :** Ssrinivasan

Samples in This QC Batch : 12071121.10,11

Digestion : PB12073138 **Prep Method :** EPA 245.1 **Prep Date :** 07/31/12 08:50 **Prep By :** Ssrinivasan

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Mercury	7439-97-6	< MDL	mg/L	1	0.0002	0.00006		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Mercury	0.005	0.0051	102	0.005	0.0051	102	0.6	35	80-120	

QC Type: MS and MSD
QC Sample ID: 12071242.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Mercury	0.00152	0.005	0.0066	102						80-120	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Total Metals - Mercury** **Method :** **EPA 245.1** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080138 **Created Date :** 07/31/12 **Created By :** Ssrinivasan

Samples in This QC Batch : 12071121.01,02,03,04,05,06,07,08,09

Digestion : PB12080133 **Prep Method :** EPA 245.1 **Prep Date :** 07/31/12 11:00 **Prep By :** Ssrinivasan

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Mercury	7439-97-6	< MDL	mg/L	1	0.0002	0.00006		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Mercury	0.005	0.0053	105	0.005	0.0052	104	0.8	35	80-120	

QC Type: MS and MSD
QC Sample ID: 12071109.02

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Mercury	0.00026	0.005	0.0054	102						80-120	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Semivolatile Organic Compounds** **Method :** **SW-846 8270D** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080139 **Created Date :** 07/31/12 **Created By :** Whuimei

Samples in This QC Batch : 12071121.01,02,03,04,05,06,07,08,09,10,11

Extraction : PB12073150 **Prep Method :** SW-846 3510C **Prep Date :** 07/26/12 11:00 **Prep By :** Msoria

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
1,2,4-Trichlorobenzene	120-82-1	< MDL	mg/L	1	0.01	0.002		
1,2-Dichlorobenzene	95-50-1	< MDL	mg/L	1	0.01	0.003		
1,3-Dichlorobenzene	541-73-1	< MDL	mg/L	1	0.01	0.002		
1,4-Dichlorobenzene	106-46-7	< MDL	mg/L	1	0.01	0.003		
2,4,5-Trichlorophenol	95-95-4	< MDL	mg/L	1	0.01	0.005		
2,4,6-Trichlorophenol	88-06-2	< MDL	mg/L	1	0.01	0.007		
2,4-Dichlorophenol	120-83-2	< MDL	mg/L	1	0.01	0.005		
2,4-Dimethylphenol	105-67-9	< MDL	mg/L	1	0.01	0.006		
2,4-Dinitrophenol	51-28-5	< MDL	mg/L	1	0.01	0.007		
2,4-Dinitrotoluene	121-14-2	< MDL	mg/L	1	0.01	0.006		
2,6-Dinitrotoluene	606-20-2	< MDL	mg/L	1	0.01	0.006		
2-Chloronaphthalene	91-58-7	< MDL	mg/L	1	0.01	0.005		
2-Chlorophenol	95-57-8	< MDL	mg/L	1	0.01	0.005		
2-Methylnaphthalene	91-57-6	< MDL	mg/L	1	0.01	0.004		
2-Methylphenol	95-48-7	< MDL	mg/L	1	0.01	0.005		
2-Nitroaniline	88-74-4	< MDL	mg/L	1	0.01	0.004		
2-Nitrophenol	88-75-5	< MDL	mg/L	1	0.01	0.007		
3- & 4-Methylphenols	108-39-4 & 106-44-5	< MDL	mg/L	1	0.02	0.005		
3,3-Dichlorobenzidine	91-94-1	< MDL	mg/L	1	0.01	0.011		
3-Nitroaniline	99-09-2	< MDL	mg/L	1	0.01	0.003		
4,6-Dinitro-2-methylphenol	534-52-1	< MDL	mg/L	1	0.01	0.006		
4-Bromophenyl phenyl ethe	101-55-3	< MDL	mg/L	1	0.01	0.006		
4-Chloro-3-methylphenol	59-50-7	< MDL	mg/L	1	0.01	0.004		
4-Chloroaniline	106-47-8	< MDL	mg/L	1	0.01	0.003		
4-Chlorophenyl pheny ether	7005-72-3	< MDL	mg/L	1	0.01	0.006		
4-Nitroaniline	100-01-6	< MDL	mg/L	1	0.01	0.004		
4-Nitrophenol	100-02-7	< MDL	mg/L	1	0.01	0.004		
Acenaphthene	83-32-9	< MDL	mg/L	1	0.01	0.005		
Acenaphthylene	208-96-8	< MDL	mg/L	1	0.01	0.004		
Aniline	62-53-3	< MDL	mg/L	1	0.01	0.003		
Anthracene	120-12-7	< MDL	mg/L	1	0.01	0.005		
Azobenzene	103-33-3	< MDL	mg/L	1	0.01	0.004		
Benzidine	92-87-5	< MDL	mg/L	1	0.01	0.013		
Benzo(a)anthracene	56-55-3	< MDL	mg/L	1	0.01	0.004		
Benzo(a)pyrene	50-32-8	< MDL	mg/L	1	0.01	0.004		
Benzo(b)fluoranthene	205-99-2	< MDL	mg/L	1	0.01	0.004		
Benzo(g,h,i)perylene	191-24-2	< MDL	mg/L	1	0.01	0.005		
Benzo(k)fluoranthene	207-08-9	< MDL	mg/L	1	0.01	0.003		

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Semivolatile Organic Compounds** **Method :** **SW-846 8270D** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080139 **Created Date :** 07/31/12 **Created By :** Whuimei

Samples in This QC Batch : 12071121.01,02,03,04,05,06,07,08,09,10,11

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Benzoic acid	65-85-0	< MDL	mg/L	1	0.01	0.019		
Benzyl alcohol	100-51-6	< MDL	mg/L	1	0.01	0.005		
Bis(2-chloroethoxy) methan	111-91-1	< MDL	mg/L	1	0.01	0.005		
Bis(2-chloroethyl) ether	111-44-4	< MDL	mg/L	1	0.01	0.003		
Bis(2-chloroisopropyl) ether	108-60-1	< MDL	mg/L	1	0.01	0.003		
Bis(2-ethylhexyl)phthalate	117-81-7	< MDL	mg/L	1	0.01	0.008		
Butyl benzyl phthalate	85-68-7	< MDL	mg/L	1	0.01	0.005		
Carbazole	86-74-8	< MDL	mg/L	1	0.01	0.006		
Chrysene	218-01-9	< MDL	mg/L	1	0.01	0.002		
Dibenzo(a,h)anthracene	53-70-3	< MDL	mg/L	1	0.01	0.005		
Dibenzofuran	132-64-9	< MDL	mg/L	1	0.01	0.003		
Diethyl phthalate	84-66-2	< MDL	mg/L	1	0.01	0.004		
Dimethyl phthalate	131-11-3	< MDL	mg/L	1	0.01	0.003		
Di-n-butyl phthalate	84-74-2	< MDL	mg/L	1	0.01	0.002		
Di-n-octyl Phthalate	117-84-0	< MDL	mg/L	1	0.01	0.005		
Fluoranthene	206-44-0	< MDL	mg/L	1	0.01	0.004		
Fluorene	86-73-7	< MDL	mg/L	1	0.01	0.006		
Hexachlorobenzene	118-74-1	< MDL	mg/L	1	0.01	0.005		
Hexachlorobutadiene	87-68-3	< MDL	mg/L	1	0.01	0.003		
Hexachlorocyclopentadiene	77-47-4	< MDL	mg/L	1	0.01	0.003		
Hexachloroethane	67-72-1	< MDL	mg/L	1	0.01	0.003		
Indeno(1,2,3-cd)pyrene	193-39-5	< MDL	mg/L	1	0.01	0.005		
Isophorone	78-59-1	< MDL	mg/L	1	0.01	0.006		
Naphthalene	91-20-3	< MDL	mg/L	1	0.01	0.004		
Nitrobenzene	98-95-3	< MDL	mg/L	1	0.01	0.003		
N-Nitrosodimethylamine	62-75-9	< MDL	mg/L	1	0.01	0.003		
N-nitroso-di-n-propylamine	621-64-7	< MDL	mg/L	1	0.01	0.003		
N-Nitrosodiphenylamine	86-30-6	< MDL	mg/L	1	0.01	0.005		
Pentachlorophenol	87-86-5	< MDL	mg/L	1	0.01	0.005		
Phenanthrene	85-01-8	< MDL	mg/L	1	0.01	0.003		
Phenol	108-95-2	< MDL	mg/L	1	0.01	0.003		
Pyrene	129-00-0	< MDL	mg/L	1	0.01	0.006		
Pyridine	110-86-1	< MDL	mg/L	1	0.01	0.015		
2-Fluorophenol(surr)	367-12-4	52.6	%	1				
Phenol-d6(surr)	13127-88-3	48.2	%	1				
Nitrobenzene-d5(surr)	4165-60-0	60.5	%	1				
2-Fluorobiphenyl(surr)	132-60-8	65	%	1				
2,4,6-Tribromophenol(surr)	118-79-6	63	%	1				
p-Terphenyl-d14(surr)	1718-51-0	81.2	%	1				

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Semivolatile Organic Compounds** **Method :** **SW-846 8270D** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080139 **Created Date :** 07/31/12 **Created By :** Whuimei

Samples in This QC Batch : 12071121.01,02,03,04,05,06,07,08,09,10,11

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
1,2,4-Trichlorobenzene	0.05	0.027	54	0.05	0.028	56	3.6	35	6-126	
1,2-Dichlorobenzene	0.05	0.025	50	0.05	0.026	52	3.9	35	18-102	
1,3-Dichlorobenzene	0.05	0.025	50	0.05	0.025	50	0	35	18-100	
1,4-Dichlorobenzene	0.05	0.025	50	0.05	0.025	50	0	35	14-109	
2,4,5-Trichlorophenol	0.05	0.03	60	0.05	0.031	62	3.3	35	16-124	
2,4,6-Trichlorophenol	0.05	0.032	64	0.05	0.031	62	3.2	35	19-120	
2,4-Dichlorophenol	0.05	0.03	60	0.05	0.031	62	3.3	35	9-121	
2,4-Dimethylphenol	0.05	0.03	60	0.05	0.03	60	0	35	D-121	
2,4-Dinitrophenol	0.05	0.016	32	0.05	0.016	32	0	35	20-110	
2,4-Dinitrotoluene	0.05	0.03	60	0.05	0.029	58	3.4	35	18-137	
2,6-Dinitrotoluene	0.05	0.032	64	0.05	0.032	64	0	35	26-122	
2-Chloronaphthalene	0.05	0.031	62	0.05	0.031	62	0	35	19-118	
2-Chlorophenol	0.05	0.029	58	0.05	0.029	58	0	35	18-102	
2-Methylnaphthalene	0.05	0.029	58	0.05	0.029	58	0	35	7-124	
2-Methylphenol	0.05	0.028	56	0.05	0.028	56	0	35	26-114	
2-Nitroaniline	0.05	0.032	64	0.05	0.031	62	3.2	35	20-110	
2-Nitrophenol	0.05	0.032	64	0.05	0.032	64	0	35	16-109	
3- & 4-Methylphenols	0.1	0.054	54	0.1	0.054	54	0	35	8-104	
3,3-Dichlorobenzidine	0.08	0.055	68.8	0.08	0.055	68.8	0	35	20-110	
3-Nitroaniline	0.05	0.03	60	0.05	0.029	58	3.4	35	20-110	
4,6-Dinitro-2-methylphenol	0.05	0.027	54	0.05	0.027	54	0	35	8-124	
4-Bromophenyl phenyl ethe	0.05	0.033	66	0.05	0.034	68	3	35	33-113	
4-Chloro-3-methylphenol	0.05	0.03	60	0.05	0.03	60	0	35	17-122	
4-Chloroaniline	0.05	0.031	62	0.05	0.031	62	0	35	20-110	
4-Chlorophenyl pheny ether	0.05	0.031	62	0.05	0.031	62	0	35	27-120	
4-Nitroaniline	0.05	0.029	58	0.05	0.028	56	3.5	35	20-110	
4-Nitrophenol	0.05	0.019	38	0.05	0.018	36	5.4	35	D-112	
Acenaphthene	0.05	0.032	64	0.05	0.031	62	3.2	35	23-131	
Acenaphthylene	0.05	0.032	64	0.05	0.031	62	3.2	35	24-117	
Aniline	0.05	0.031	62	0.05	0.031	62	0	35	28-107	
Anthracene	0.05	0.033	66	0.05	0.032	64	3.1	35	32-118	
Azobenzene	0.05	0.035	70	0.05	0.034	68	2.9	35	20-110	
Benzidine	0.08	0.044	55	0.08	0.047	58.8	6.6	35	D-135	
Benzo(a)anthracene	0.05	0.032	64	0.05	0.032	64	0	35	36-115	
Benzo(a)pyrene	0.05	0.031	62	0.05	0.031	62	0	35	28-116	
Benzo(b)fluoranthene	0.05	0.031	62	0.05	0.03	60	3.3	35	27-121	
Benzo(g,h,i)perylene	0.05	0.035	70	0.05	0.036	72	2.8	35	18-123	
Benzo(k)fluoranthene	0.05	0.03	60	0.05	0.031	62	3.3	35	21-122	
Benzoic acid	0.04	0.0088	22	0.04	0.0085	21.3	3.5	35	D-129	
Benzyl alcohol	0.05	0.028	56	0.05	0.027	54	3.6	35	15-135	
Bis(2-chloroethoxy) methan	0.05	0.032	64	0.05	0.031	62	3.2	35	20-107	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Semivolatile Organic Compounds** **Method :** **SW-846 8270D** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080139 **Created Date :** 07/31/12 **Created By :** Whuimei

Samples in This QC Batch : 12071121.01,02,03,04,05,06,07,08,09,10,11

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Bis(2-chloroethyl) ether	0.05	0.032	64	0.05	0.032	64	0	35	23-95	
Bis(2-chloroisopropyl) ether	0.05	0.033	66	0.05	0.033	66	0	35	17-104	
Bis(2-ethylhexyl)phthalate	0.05	0.033	66	0.05	0.033	66	0	35	9-133	
Butyl benzyl phthalate	0.05	0.032	64	0.05	0.032	64	0	35	14-135	
Carbazole	0.05	0.032	64	0.05	0.032	64	0	35	28-120	
Chrysene	0.05	0.031	62	0.05	0.031	62	0	35	36-117	
Dibenzo(a,h)anthracene	0.05	0.034	68	0.05	0.034	68	0	35	26-118	
Dibenzofuran	0.05	0.032	64	0.05	0.032	64	0	35	22-122	
Diethyl phthalate	0.05	0.031	62	0.05	0.031	62	0	35	25-128	
Dimethyl phthalate	0.05	0.032	64	0.05	0.031	62	3.2	35	27-122	
Di-n-butyl phthalate	0.05	0.032	64	0.05	0.032	64	0	35	25-128	
Di-n-octyl Phthalate	0.05	0.033	66	0.05	0.033	66	0	35	18-128	
Fluoranthene	0.05	0.031	62	0.05	0.032	64	3.2	35	27-131	
Fluorene	0.05	0.032	64	0.05	0.032	64	0	35	26-126	
Hexachlorobenzene	0.05	0.033	66	0.05	0.032	64	3.1	35	30-130	
Hexachlorobutadiene	0.05	0.027	54	0.05	0.027	54	0	35	5-115	
Hexachlorocyclopentadiene	0.05	0.021	42	0.05	0.021	42	0	35	D-95	
Hexachloroethane	0.05	0.026	52	0.05	0.026	52	0	35	14-102	
Indeno(1,2,3-cd)pyrene	0.05	0.036	72	0.05	0.037	74	2.7	35	24-126	
Isophorone	0.05	0.032	64	0.05	0.031	62	3.2	35	15-114	
Naphthalene	0.05	0.03	60	0.05	0.029	58	3.4	35	19-112	
Nitrobenzene	0.05	0.031	62	0.05	0.031	62	0	35	20-109	
N-Nitrosodimethylamine	0.05	0.024	48	0.05	0.024	48	0	35	5-92	
N-nitroso-di-n-propylamine	0.05	0.03	60	0.05	0.03	60	0	35	24-114	
N-Nitrosodiphenylamine	0.05	0.033	66	0.05	0.033	66	0	35	35-135	
Pentachlorophenol	0.05	0.026	52	0.05	0.025	50	3.9	35	D-128	
Phenanthrene	0.05	0.033	66	0.05	0.032	64	3.1	35	31-119	
Phenol	0.05	0.018	36	0.05	0.018	36	0	35	D-111	
Pyrene	0.05	0.032	64	0.05	0.033	66	3.1	35	10-145	
Pyridine	0.05	0.019	38	0.05	0.018	36	5.4	35	D-129	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Method :** **TX 1005** **Reporting Units : mg/L**

QC Batch ID : qb12080143 **Created Date :** 08/01/12 **Created By :** AVBembde

Samples in This QC Batch : 12071121.01,02,03,04,06,07,08,10,11

Sample Preparation : PB12080211 **Prep Method :** TX 1005 **Prep Date :** 08/01/12 14:00 **Prep By :** AVBembde

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
C6-C12	TPH-1005-1	< MDL	mg/L	1	1.5	0.66		
>C12-C28	TPH-1005-2	< MDL	mg/L	1	1.5	0.86		
>C28-C35	TPH-1005-4	< MDL	mg/L	1	1.5	0.75		
Total C6-C35		< MDL	mg/L	1	----			
1-Chlorooctane(surr)	111-85-3	84.9	%	1				
Chlorooctadecane(surr)	3386-33-2	83.2	%	1				

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
C6-C12	30	29.4	98	30	29.2	97.3	0.7	20	75-125	
>C12-C28	30	28.7	95.7	30	30.6	102	6.4	20	75-125	
>C28-C35	30	27.6	92	30	29	96.7	5	20	75-125	

QC Type: MS and MSD
QC Sample ID: 12080047.04

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
C6-C12	BRL	40.9	43.8	106						75-125	
>C12-C28	BRL	40.9	41.8	101						75-125	
>C28-C35	BRL	40.9	39.4	96.3						75-125	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Total Recoverable Metals** **Method :** **EPA 200.7** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080214 **Created Date :** 08/01/12 **Created By :** Ggorane

Samples in This QC Batch : 12071121.11

Digestion : PB12080213 **Prep Method :** EPA 200.7 **Prep Date :** 08/01/12 13:00 **Prep By :** Ssrinivasan

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Antimony	7440-36-0	< MDL	mg/L	1	0.02	0.004		
Arsenic	7440-38-2	< MDL	mg/L	1	0.02	0.004		
Barium	7440-39-3	< MDL	mg/L	1	0.02	0.004		
Beryllium	7440-41-7	< MDL	mg/L	1	0.02	0.004		
Cadmium	7440-43-9	< MDL	mg/L	1	0.02	0.002		
Chromium	7440-47-3	< MDL	mg/L	1	0.02	0.004		
Lead	7439-92-1	< MDL	mg/L	1	0.02	0.004		
Nickel	7440-02-0	< MDL	mg/L	1	0.02	0.004		
Selenium	7782-49-2	< MDL	mg/L	1	0.02	0.004		
Silver	7440-22-4	< MDL	mg/L	1	0.02	0.001		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Antimony	1	1.070	107	1	1.074	107	0.4	20	85-115	
Arsenic	1	1.077	108	1	1.085	109	0.8	20	85-115	
Barium	1	1.110	111	1	1.143	114	2.9	20	85-115	
Beryllium	1	1.128	113	1	1.145	114	1.5	20	85-115	
Cadmium	1	1.099	110	1	1.118	112	1.7	20	85-115	
Chromium	1	1.078	108	1	1.092	109	1.3	20	85-115	
Lead	1	1.073	107	1	1.079	108	0.6	20	85-115	
Nickel	1	1.067	107	1	1.074	107	0.6	20	85-115	
Selenium	1	1.079	108	1	1.078	108	0.1	20	85-115	
Silver	1	1.027	103	1	1.016	102	1	20	85-115	

QC Type: MS and MSD
QC Sample ID: 12080025.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Antimony	BRL	1	0.986	98.6						75-125	
Arsenic	BRL	1	0.993	99.3						75-125	
Barium	BRL	1	1.196	120						75-125	
Beryllium	BRL	1	0.996	99.6						75-125	
Cadmium	BRL	1	0.918	91.8						75-125	
Chromium	BRL	1	0.950	95						75-125	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : Total Recoverable Metals **Method : EPA 200.7** **Reporting Units : mg/L**

QC Batch ID : Qb12080214 **Created Date :** 08/01/12 **Created By :** Ggorane

Samples in This QC Batch : 12071121.11

QC Type: MS and MSD
QC Sample ID: 12080025.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Lead	BRL	1	0.983	98.3						75-125	
Nickel	BRL	1	0.953	95.3						75-125	
Selenium	BRL	1	0.989	98.9						75-125	
Silver	BRL	1	0.936	93.6						75-125	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Total Recoverable Metals** **Method :** **EPA 200.7** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080216 **Created Date :** 08/01/12 **Created By :** Ggorane

Samples in This QC Batch : 12071121.01,02,03,04,05,06,07,08,09,10

Digestion : PB12080217 **Prep Method :** EPA 200.7 **Prep Date :** 08/01/12 14:20 **Prep By :** Ssrinivasan

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Antimony	7440-36-0	< MDL	mg/L	1	0.02	0.004		
Arsenic	7440-38-2	< MDL	mg/L	1	0.02	0.004		
Barium	7440-39-3	< MDL	mg/L	1	0.02	0.004		
Beryllium	7440-41-7	< MDL	mg/L	1	0.02	0.004		
Cadmium	7440-43-9	< MDL	mg/L	1	0.02	0.002		
Chromium	7440-47-3	< MDL	mg/L	1	0.02	0.004		
Lead	7439-92-1	< MDL	mg/L	1	0.02	0.004		
Nickel	7440-02-0	< MDL	mg/L	1	0.02	0.004		
Selenium	7782-49-2	< MDL	mg/L	1	0.02	0.004		
Silver	7440-22-4	< MDL	mg/L	1	0.02	0.001		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Antimony	1	1.009	101	1	0.971	97.1	3.8	20	85-115	
Arsenic	1	0.996	99.6	1	0.959	95.9	3.7	20	85-115	
Barium	1	0.996	99.6	1	0.952	95.2	4.5	20	85-115	
Beryllium	1	1.010	101	1	0.958	95.8	5.2	20	85-115	
Cadmium	1	1.002	100	1	0.964	96.4	3.9	20	85-115	
Chromium	1	0.968	96.8	1	0.927	92.7	4.2	20	85-115	
Lead	1	0.992	99.2	1	0.948	94.8	4.5	20	85-115	
Nickel	1	0.996	99.6	1	0.954	95.4	4.3	20	85-115	
Selenium	1	1.015	102	1	0.981	98.1	3.4	20	85-115	
Silver	1	0.984	98.4	1	0.940	94	4.5	20	85-115	

QC Type: MS and MSD
QC Sample ID: 12071121.04

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Antimony	0.1102	2	1.906	89.8						75-125	
Arsenic	0.1103	2	2.096	99.3						75-125	
Barium	1.5246	2	2.972	72.4						75-125	M9
Beryllium	BRL	2	1.736	86.8						75-125	
Cadmium	0.0384	2	1.849	90.6						75-125	
Chromium	0.5628	2	2.161	79.9						75-125	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : Total Recoverable Metals **Method : EPA 200.7** **Reporting Units : mg/L**

QC Batch ID : Qb12080216 **Created Date :** 08/01/12 **Created By :** Ggorane

Samples in This QC Batch : 12071121.01,02,03,04,05,06,07,08,09,10

QC Type: MS and MSD
QC Sample ID: 12071121.04

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Lead	1.6366	2	3.246	80.5						75-125	
Nickel	1.9803	2	3.569	79.5						75-125	
Selenium	0.0626	2	2.279	111						75-125	
Silver	BRL	2	1.820	91						75-125	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : Corrosivity, pH **Method : SW-846 9040C** **Reporting Units : s.u.**

QC Batch ID : Qb12080224 **Created Date :** 08/02/12 **Created By :** Ksudha

Samples in This QC Batch : 12071121.01,02,03,04

QC Type: Duplicate

QC Sample ID: 12071121.01

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
pH	8.99	8.97	s.u.	0.2	5		

QC Type: LCS and LCSD

Parameter	LCS Assigned	LCS Result		LCSD Assigned	LCSD Result		RPD	RPD CtrlLimit	Tolerance	Qual
pH	4.0	4.05							3.95-4.05	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : Ignitability (Flash Point) **Method : SW-846 1010A** **Reporting Units : °F**

QC Batch ID : Qb12080225 **Created Date :** 08/02/12 **Created By :** Ksudha

Samples in This QC Batch : 12071121.01,02,03,04

QC Type: Duplicate

QC Sample ID: 12071281.01

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
Ignitability	>150	>150	°F		20		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Ignitability	83	84	101	83	84	101	0	20	75-125	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Reactive Sulfide** **Method :** **SW-846 7.3** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080237 **Created Date :** 08/02/12 **Created By :** Srani

Samples in This QC Batch : 12071121.01,03,04,05,06,08,10,11

Sample Preparation :	PB12080234	**Prep Method :**	SW-846 7.3	**Prep Date :**	08/02/12 08:15	**Prep By :**	Srani
	PB12080632		SW-846 7.3		08/02/12 08:20		Srani

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Reactive Sulfide		< MDL	mg/L	1	----	25		

QC Type: Duplicate

QC Sample ID: 12071121.08

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
Reactive Sulfide	0.4799999	0.4799999	mg/L	0	20		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Reactive Sulfide	1000	608.16	60.8	1000	608.16	60.8		20	40-110	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Reactive Cyanide** **Method :** **SW-846 7.3** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080241 **Created Date :** 08/02/12 **Created By :** Srani

Samples in This QC Batch : 12071121.01,02,03,04,05,06,08,10,11

Sample Preparation :	PB12073135	**Prep Method :**	SW-846 7.3	**Prep Date :**	07/30/12 08:40	**Prep By :**	Srani
	PB12080236		SW-846 7.3		08/02/12 08:15		Srani

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Reactive Cyanide		< MDL	mg/L	1	----	25		

QC Type: Duplicate

QC Sample ID: 12071121.08

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
Reactive Cyanide	BRL	BRL	mg/L		20		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Reactive Cyanide	25	11.5	46	25	11.3	45.3	1.9	20	40-110	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080304 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.01,02,03,04

Sample Preparation : PB12080122 **Prep Method :** SW-846 5030C **Prep Date :** 08/01/12 10:43 **Prep By :** KKrch

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
1,1,1,2-Tetrachloroethane	630-20-6	< MDL	mg/L	1	0.005	0.0015		
1,1,1-Trichloroethane	71-55-6	< MDL	mg/L	1	0.005	0.002		
1,1,2,2-Tetrachloroethane	79-34-5	< MDL	mg/L	1	0.005	0.002		
1,1,2-Trichloroethane	79-00-5	< MDL	mg/L	1	0.005	0.0015		
1,1-Dichloroethane	75-34-3	< MDL	mg/L	1	0.005	0.0015		
1,1-Dichloroethylene	75-35-4	< MDL	mg/L	1	0.005	0.0015		
1,1-Dichloropropene	563-58-6	< MDL	mg/L	1	0.005	0.002		
1,2,3-trichlorobenzene	87-61-6	< MDL	mg/L	1	0.005	0.0015		
1,2,3-Trichloropropane	96-18-4	< MDL	mg/L	1	0.005	0.005		
1,2,4-Trichlorobenzene	120-82-1	< MDL	mg/L	1	0.005	0.0015		
1,2,4-Trimethylbenzene	95-63-6	< MDL	mg/L	1	0.005	0.001		
1,2-Dibromo-3-chloropropa	96-12-8	< MDL	mg/L	1	0.005	0.0035		
1,2-Dibromoethane	106-93-4	< MDL	mg/L	1	0.005	0.002		
1,2-Dichlorobenzene	95-50-1	< MDL	mg/L	1	0.005	0.002		
1,2-Dichloroethane	107-06-2	< MDL	mg/L	1	0.005	0.001		
1,2-Dichloropropane	78-87-5	< MDL	mg/L	1	0.005	0.0015		
1,3,5-Trimethylbenzene	108-67-8	< MDL	mg/L	1	0.005	0.0015		
1,3-Dichlorobenzene	541-73-1	< MDL	mg/L	1	0.005	0.0015		
1,3-Dichloropropane	142-28-9	< MDL	mg/L	1	0.005	0.0015		
1,4-Dichlorobenzene	106-46-7	< MDL	mg/L	1	0.005	0.001		
2,2-Dichloropropane	594-20-7	< MDL	mg/L	1	0.005	0.001		
2-Chlorotoluene	95-49-8	< MDL	mg/L	1	0.005	0.0015		
4-Chlorotoluene	106-43-4	< MDL	mg/L	1	0.005	0.0015		
4-Isopropyltoluene	99-87-6	< MDL	mg/L	1	0.005	0.0015		
Benzene	71-43-2	< MDL	mg/L	1	0.005	0.0015		
Bromobenzene	108-86-1	< MDL	mg/L	1	0.005	0.002		
Bromochloromethane	74-97-5	< MDL	mg/L	1	0.005	0.0015		
Bromodichloromethane	75-27-4	< MDL	mg/L	1	0.005	0.002		
Bromoform	75-25-2	< MDL	mg/L	1	0.005	0.003		
Bromomethane	74-83-9	< MDL	mg/L	1	0.005	0.003		
Carbon tetrachloride	56-23-5	< MDL	mg/L	1	0.005	0.0015		
Chlorobenzene	108-90-7	< MDL	mg/L	1	0.005	0.002		
Chloroethane	75-00-3	< MDL	mg/L	1	0.005	0.005		
Chloroform	67-66-3	< MDL	mg/L	1	0.005	0.0015		
Chloromethane	74-87-3	< MDL	mg/L	1	0.005	0.0015		
cis-1,2-Dichloroethylene	156-59-2	< MDL	mg/L	1	0.005	0.001		
cis-1,3-Dichloropropene	10061-01-5	< MDL	mg/L	1	0.005	0.0015		
Dibromochloromethane	124-48-1	< MDL	mg/L	1	0.005	0.002		

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080304 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.01,02,03,04

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Dibromomethane	74-95-3	< MDL	mg/L	1	0.005	0.0015		
Dichlorodifluoromethane	75-71-8	< MDL	mg/L	1	0.005	0.0015		
Ethylbenzene	100-41-4	< MDL	mg/L	1	0.005	0.002		
Isopropylbenzene	98-82-8	< MDL	mg/L	1	0.005	0.001		
m- & p-Xylenes	108-38-3&106-42-3	< MDL	mg/L	1	0.01	0.0025		
MEK	78-93-3	< MDL	mg/L	1	0.005	0.005		
Methylene chloride	75-09-2	< MDL	mg/L	1	0.005	0.003		
Naphthalene	91-20-3	< MDL	mg/L	1	0.005	0.003		
n-Butylbenzene	104-51-8	< MDL	mg/L	1	0.005	0.0015		
n-Propylbenzene	103-65-1	< MDL	mg/L	1	0.005	0.0015		
o-Xylene	95-47-6	< MDL	mg/L	1	0.005	0.0015		
sec-Butylbenzene	135-98-8	< MDL	mg/L	1	0.005	0.0015		
Styrene	100-42-5	< MDL	mg/L	1	0.005	0.001		
t-butylbenzene	98-06-6	< MDL	mg/L	1	0.005	0.0015		
Tetrachloroethylene	127-18-4	< MDL	mg/L	1	0.005	0.0015		
Toluene	108-88-3	< MDL	mg/L	1	0.005	0.0015		
trans-1,2-Dichloroethylene	156-60-5	< MDL	mg/L	1	0.005	0.0015		
trans-1,3-Dichloropropene	10061-02-6	< MDL	mg/L	1	0.005	0.002		
Trichloroethylene	79-01-6	< MDL	mg/L	1	0.005	0.002		
Trichlorofluoromethane	75-69-4	< MDL	mg/L	1	0.005	0.0015		
Vinyl Chloride	75-01-4	< MDL	mg/L	1	0.005	0.0015		
Xylenes	1330-20-7	< MDL	mg/L	1	0.015	0.005		
Dibromofluoromethane(surr	1868-53-7	110	%	1				
1,2-Dichloroethane-d4(surr	17060-07-0	109	%	1				
Toluene-d8(surr)	2037-26-5	111	%	1				
p-Bromofluorobenzene(surr	460-00-4	107	%	1				

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
1,1,1,2-Tetrachloroethane	0.02	0.022	110						86.6-113	
1,1,1-Trichloroethane	0.02	0.022	110						76.9-125	
1,1,2,2-Tetrachloroethane	0.02	0.02	100						74.4-125	
1,1,2-Trichloroethane	0.02	0.021	105						82.4-117	
1,1-Dichloroethane	0.02	0.022	110						74.5-125	
1,1-Dichloroethylene	0.02	0.022	110						75.4-124	
1,1-Dichloropropene	0.02	0.022	110						76.9-125	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080304 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.01,02,03,04

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
1,2,3-trichlorobenzene	0.02	0.023	115						70.8-125	
1,2,3-Trichloropropane	0.02	0.021	105						69.6-126	
1,2,4-Trichlorobenzene	0.02	0.023	115						74.8-121	
1,2,4-Trimethylbenzene	0.02	0.024	120						80.4-114	
1,2-Dibromo-3-chloropropa	0.02	0.02	100						61.7-140	
1,2-Dibromoethane	0.02	0.021	105						80.6-118	
1,2-Dichlorobenzene	0.02	0.024	120						82.6-113	L1
1,2-Dichloroethane	0.02	0.022	110						72.8-126	
1,2-Dichloropropane	0.02	0.022	110						82.4-120	
1,3,5-Trimethylbenzene	0.02	0.022	120						81.3-114	L1
1,3-Dichlorobenzene	0.02	0.024	120						83.4-113	L1
1,3-Dichloropropane	0.02	0.02	100						79.8-115	
1,4-Dichlorobenzene	0.02	0.023	115						82.6-113	L1
2,2-Dichloropropane	0.02	0.021	105						69.4-131	
2-Chlorotoluene	0.02	0.024	120						77.8-118	L1
4-Chlorotoluene	0.02	0.024	120						78.8-117	L1
4-Isopropyltoluene	0.02	0.023	115						80.9-114	L1
Benzene	0.02	0.022	110						84.1-118	
Bromobenzene	0.02	0.024	120						82.8-116	L1
Bromochloromethane	0.02	0.02	100						70.7-131	
Bromodichloromethane	0.02	0.022	110						83.1-119	
Bromoform	0.02	0.021	105						70.3-136	
Bromomethane	0.02	0.019	95						59-134	
Carbon tetrachloride	0.02	0.023	115						74.6-129	
Chlorobenzene	0.02	0.023	115						87.8-110	L1
Chloroethane	0.02	0.02	100						73.7-124	
Chloroform	0.02	0.022	110						76.4-124	
Chloromethane	0.02	0.021	105						59.4-138	
cis-1,2-Dichloroethylene	0.02	0.022	110						74.3-124	
cis-1,3-Dichloropropene	0.02	0.021	105						84.6-117	
Dibromochloromethane	0.02	0.022	110						81.6-118	
Dibromomethane	0.02	0.02	100						75.8-126	
Dichlorodifluoromethane	0.02	0.022	110						44.4-149	
Ethylbenzene	0.02	0.023	115						82.8-114	L1
Isopropylbenzene	0.02	0.023	115						86.8-113	L1
m- & p-Xylenes	0.04	0.045	113						76.9-122	
MEK	0.02	0.019	95						44.9-154	
Methylene chloride	0.02	0.02	100						67.3-130	
Naphthalene	0.02	0.02	100						55.8-136	
n-Butylbenzene	0.02	0.023	115						74.1-120	
n-Propylbenzene	0.02	0.024	120						78.9-115	L1

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080304 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.01,02,03,04

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
o-Xylene	0.02	0.023	115						86-111	L1
sec-Butylbenzene	0.02	0.024	120						80.2-115	L1
Styrene	0.02	0.022	110						86.7-111	
t-butylbenzene	0.02	0.024	120						80.7-116	L1
Tetrachloroethylene	0.02	0.023	115						77.9-126	
Toluene	0.02	0.023	115						85.9-110	L1
trans-1,2-Dichloroethylene	0.02	0.022	110						73.7-124	
trans-1,3-Dichloropropene	0.02	0.021	105						83-114	
Trichloroethylene	0.02	0.022	110						85.4-114	
Trichlorofluoromethane	0.02	0.022	110						74.3-126	
Vinyl Chloride	0.02	0.024	120						68-129	
Xylenes	0.06	0.068	113						81.2-117	

QC Type: MS and MSD
QC Sample ID: 12071121.03

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
1,1,1,2-Tetrachloroethane	BRL	2.5	3.15	126	2.5	3.32	133	5.3	35	72-139	
1,1,1-Trichloroethane	BRL	2.5	3.2	128	2.5	3.6	144	11.8	35	82-137	M8
1,1,2,2-Tetrachloroethane	BRL	2.5	8.29	332	2.5	11.8	472	34.9	35	55-149	M8
1,1,2-Trichloroethane	BRL	2.5	11.4	456	2.5	20.7	828	57.9	35	68-139	M8, R3
1,1-Dichloroethane	BRL	2.5	3.04	122	2.5	3.35	134	9.7	35	78-134	
1,1-Dichloroethylene	BRL	2.5	3.09	124	2.5	3.54	142	13.6	35	65-141	M8
1,1-Dichloropropene	BRL	2.5	3.01	120	2.5	3.34	134	10.4	35	79-136	
1,2,3-trichlorobenzene	BRL	2.5	2.7	108	2.5	2.9	116	7.1	35	54-144	
1,2,3-Trichloropropane	BRL	2.5	4.17	167	2.5	5.25	210	22.9	35	58-156	M8
1,2,4-Trichlorobenzene	BRL	2.5	2.6	104	2.5	2.53	101	2.7	35	69-127	
1,2,4-Trimethylbenzene	0.816	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	80-131	M6
1,2-Dibromo-3-chloropropa	BRL	2.5	4.19	168	2.5	5.04	202	18.4	35	61-145	M8
1,2-Dibromoethane	BRL	2.5	3.22	129	2.5	3.73	149	14.7	35	68-140	M8
1,2-Dichlorobenzene	BRL	2.5	3.32	133	2.5	3.23	129	2.8	35	70-138	
1,2-Dichloroethane	BRL	2.5	2.7	108	2.5	2.89	116	6.8	35	67-152	
1,2-Dichloropropane	BRL	2.5	2.75	110	2.5	2.92	117	6	35	79-135	
1,3,5-Trimethylbenzene	0.247	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	79-133	M6
1,3-Dichlorobenzene	BRL	2.5	3.31	132	2.5	3.31	132	0.0	35	79-128	M8
1,3-Dichloropropane	BRL	2.5	2.3	92	2.5	2.35	94	2.2	35	70-147	
1,4-Dichlorobenzene	BRL	2.5	3.46	138	2.5	3.39	136	2	35	76-127	M8
2,2-Dichloropropane	BRL	2.5	3.08	123	2.5	3.43	137	10.8	35	60-129	M8
2-Chlorotoluene	BRL	2.5	4.26	170	2.5	4.61	184	7.9	35	83-130	M8
4-Chlorotoluene	BRL	2.5	5.24	210	2.5	6.24	250	17.4	35	82-129	M8

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080304 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.01,02,03,04

QC Type: MS and MSD
QC Sample ID: 12071121.03

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
4-Isopropyltoluene	BRL	2.5	7.92	317	2.5	10.2	408	25.2	35	78-129	M8
Benzene	0.362	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	73-129	M6
Bromobenzene	BRL	2.5	4.26	170	2.5	4.57	183	7	35	76-132	M8
Bromochloromethane	BRL	2.5	2.74	110	2.5	3.01	120	9.4	35	76-135	
Bromodichloromethane	BRL	2.5	2.78	111	2.5	2.83	113	1.8	35	80-136	
Bromoform	BRL	2.5	3.12	125	2.5	3.38	135	8	35	65-139	
Bromomethane	BRL	2.5	4.11	164	2.5	4.34	174	5.4	35	65-150	M8
Carbon tetrachloride	BRL	2.5	3.15	126	2.5	3.39	136	7.3	35	70-136	
Chlorobenzene	BRL	2.5	3.29	132	2.5	3.55	142	7.6	35	69-123	M8
Chloroethane	BRL	2.5	1.98	79.2	2.5	2.15	86	8.2	35	74-145	
Chloroform	BRL	2.5	2.96	118	2.5	3.43	137	14.7	35	78-132	M8
Chloromethane	BRL	2.5	3.16	126	2.5	3.62	145	13.6	35	69-139	M8
cis-1,2-Dichloroethylene	BRL	2.5	3.06	122	2.5	3.37	135	9.6	35	71-134	M8
cis-1,3-Dichloropropene	BRL	2.5	2.66	106	2.5	2.71	108	1.9	35	74-128	
Dibromochloromethane	BRL	2.5	3.19	128	2.5	3.52	141	9.8	35	67-141	
Dibromomethane	BRL	2.5	2.61	104	2.5	2.8	112	7	35	75-135	
Dichlorodifluoromethane	BRL	2.5	3.32	133	2.5	3.88	155	15.6	35	62-146	M8
Ethylbenzene	1.44	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	80-132	M6
Isopropylbenzene	0.635	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	78-137	M6
m- & p-Xylenes	0.327	5	N/C	N/C	2.5	N/C	N/C	N/C	35	74-127	M6
MEK	4.64	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	52-148	M6
Methylene chloride	BRL	2.5	2.74	110	2.5	3.09	124	12	35	68-131	
Naphthalene	1.12	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	61-116	M6
n-Butylbenzene	BRL	2.5	7.73	309	2.5	10	400	25.6	35	73-140	M8
n-Propylbenzene	2.51	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	75-127	M6
o-Xylene	2.92	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	74-126	M6
sec-Butylbenzene	BRL	2.5	5.58	223	2.5	6.83	273	20.1	35	75-129	M8
Styrene	BRL	2.5	4.7	188	2.5	6.28	251	28.8	35	77-123	M8
t-butylbenzene	BRL	2.5	3.9	156	2.5	3.96	158	1.5	35	75-126	M8
Tetrachloroethylene	2.6	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	70-130	M6
Toluene	2.75	2.5	N/C	N/C	2.5	N/C	N/C	N/C	35	72-121	M6
trans-1,2-Dichloroethylene	BRL	2.5	3.14	126	2.5	3.57	143	12.8	35	73-138	M8
trans-1,3-Dichloropropene	BRL	2.5	3.09	124	2.5	3.46	138	11.3	35	70-133	M8
Trichloroethylene	BRL	2.5	3	120	2.5	3.31	132	9.8	35	6-138	
Trichlorofluoromethane	BRL	2.5	3.28	131	2.5	3.88	155	16.8	35	67-148	M8
Vinyl Chloride	BRL	2.5	3.45	138	2.5	4.14	166	18.2	35	80-122	M8
Xylenes	9.27	7.5	N/C	N/C	7.5	N/C	N/C	N/C	35	73-127	M6

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080326 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.05,06,07,08,09,10,11

Sample Preparation : PB12080122 **Prep Method :** SW-846 5030C **Prep Date :** 08/01/12 10:43 **Prep By :** KKrch

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
1,1,1,2-Tetrachloroethane	630-20-6	< MDL	mg/L	1	0.005	0.0015		
1,1,1-Trichloroethane	71-55-6	< MDL	mg/L	1	0.005	0.002		
1,1,2,2-Tetrachloroethane	79-34-5	< MDL	mg/L	1	0.005	0.002		
1,1,2-Trichloroethane	79-00-5	< MDL	mg/L	1	0.005	0.0015		
1,1-Dichloroethane	75-34-3	< MDL	mg/L	1	0.005	0.0015		
1,1-Dichloroethylene	75-35-4	< MDL	mg/L	1	0.005	0.0015		
1,1-Dichloropropene	563-58-6	< MDL	mg/L	1	0.005	0.002		
1,2,3-trichlorobenzene	87-61-6	< MDL	mg/L	1	0.005	0.0015		
1,2,3-Trichloropropane	96-18-4	< MDL	mg/L	1	0.005	0.005		
1,2,4-Trichlorobenzene	120-82-1	< MDL	mg/L	1	0.005	0.0015		
1,2,4-Trimethylbenzene	95-63-6	< MDL	mg/L	1	0.005	0.001		
1,2-Dibromo-3-chloropropa	96-12-8	< MDL	mg/L	1	0.005	0.0035		
1,2-Dibromoethane	106-93-4	< MDL	mg/L	1	0.005	0.002		
1,2-Dichlorobenzene	95-50-1	< MDL	mg/L	1	0.005	0.002		
1,2-Dichloroethane	107-06-2	< MDL	mg/L	1	0.005	0.001		
1,2-Dichloropropane	78-87-5	< MDL	mg/L	1	0.005	0.0015		
1,3,5-Trimethylbenzene	108-67-8	< MDL	mg/L	1	0.005	0.0015		
1,3-Dichlorobenzene	541-73-1	< MDL	mg/L	1	0.005	0.0015		
1,3-Dichloropropane	142-28-9	< MDL	mg/L	1	0.005	0.0015		
1,4-Dichlorobenzene	106-46-7	< MDL	mg/L	1	0.005	0.001		
2,2-Dichloropropane	594-20-7	< MDL	mg/L	1	0.005	0.001		
2-Chlorotoluene	95-49-8	< MDL	mg/L	1	0.005	0.0015		
4-Chlorotoluene	106-43-4	< MDL	mg/L	1	0.005	0.0015		
4-Isopropyltoluene	99-87-6	< MDL	mg/L	1	0.005	0.0015		
Benzene	71-43-2	< MDL	mg/L	1	0.005	0.0015		
Bromobenzene	108-86-1	< MDL	mg/L	1	0.005	0.002		
Bromochloromethane	74-97-5	< MDL	mg/L	1	0.005	0.0015		
Bromodichloromethane	75-27-4	< MDL	mg/L	1	0.005	0.002		
Bromoform	75-25-2	< MDL	mg/L	1	0.005	0.003		
Bromomethane	74-83-9	< MDL	mg/L	1	0.005	0.003		
Carbon tetrachloride	56-23-5	< MDL	mg/L	1	0.005	0.0015		
Chlorobenzene	108-90-7	< MDL	mg/L	1	0.005	0.002		
Chloroethane	75-00-3	< MDL	mg/L	1	0.005	0.005		
Chloroform	67-66-3	< MDL	mg/L	1	0.005	0.0015		
Chloromethane	74-87-3	< MDL	mg/L	1	0.005	0.0015		
cis-1,2-Dichloroethylene	156-59-2	< MDL	mg/L	1	0.005	0.001		
cis-1,3-Dichloropropene	10061-01-5	< MDL	mg/L	1	0.005	0.0015		
Dibromochloromethane	124-48-1	< MDL	mg/L	1	0.005	0.002		

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080326 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.05,06,07,08,09,10,11

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Dibromomethane	74-95-3	< MDL	mg/L	1	0.005	0.0015		
Dichlorodifluoromethane	75-71-8	< MDL	mg/L	1	0.005	0.0015		
Ethylbenzene	100-41-4	< MDL	mg/L	1	0.005	0.002		
Isopropylbenzene	98-82-8	< MDL	mg/L	1	0.005	0.001		
m- & p-Xylenes	108-38-3&106-42-3	< MDL	mg/L	1	0.01	0.0025		
MEK	78-93-3	< MDL	mg/L	1	0.005	0.005		
Methylene chloride	75-09-2	< MDL	mg/L	1	0.005	0.003		
Naphthalene	91-20-3	< MDL	mg/L	1	0.005	0.003		
n-Butylbenzene	104-51-8	< MDL	mg/L	1	0.005	0.0015		
n-Propylbenzene	103-65-1	< MDL	mg/L	1	0.005	0.0015		
o-Xylene	95-47-6	< MDL	mg/L	1	0.005	0.0015		
sec-Butylbenzene	135-98-8	< MDL	mg/L	1	0.005	0.0015		
Styrene	100-42-5	< MDL	mg/L	1	0.005	0.001		
t-butylbenzene	98-06-6	< MDL	mg/L	1	0.005	0.0015		
Tetrachloroethylene	127-18-4	< MDL	mg/L	1	0.005	0.0015		
Toluene	108-88-3	< MDL	mg/L	1	0.005	0.0015		
trans-1,2-Dichloroethylene	156-60-5	< MDL	mg/L	1	0.005	0.0015		
trans-1,3-Dichloropropene	10061-02-6	< MDL	mg/L	1	0.005	0.002		
Trichloroethylene	79-01-6	< MDL	mg/L	1	0.005	0.002		
Trichlorofluoromethane	75-69-4	< MDL	mg/L	1	0.005	0.0015		
Vinyl Chloride	75-01-4	< MDL	mg/L	1	0.005	0.0015		
Xylenes	1330-20-7	< MDL	mg/L	1	0.015	0.005		
Dibromofluoromethane(surr	1868-53-7	106	%	1				
1,2-Dichloroethane-d4(surr	17060-07-0	97.3	%	1				
Toluene-d8(surr)	2037-26-5	97.8	%	1				
p-Bromofluorobenzene(surr	460-00-4	84.9	%	1				

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
1,1,1,2-Tetrachloroethane	0.02	0.018	90						86.6-113	
1,1,1-Trichloroethane	0.02	0.021	105						76.9-125	
1,1,2,2-Tetrachloroethane	0.02	0.019	95						74.4-125	
1,1,2-Trichloroethane	0.02	0.019	95						82.4-117	
1,1-Dichloroethane	0.02	0.021	105						74.5-125	
1,1-Dichloroethylene	0.02	0.02	100						75.4-124	
1,1-Dichloropropene	0.02	0.021	105						76.9-125	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080326 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.05,06,07,08,09,10,11

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
1,2,3-trichlorobenzene	0.02	0.02	100						70.8-125	
1,2,3-Trichloropropane	0.02	0.021	105						69.6-126	
1,2,4-Trichlorobenzene	0.02	0.02	100						74.8-121	
1,2,4-Trimethylbenzene	0.02	0.02	100						80.4-114	
1,2-Dibromo-3-chloropropa	0.02	0.021	105						61.7-140	
1,2-Dibromoethane	0.02	0.019	95						80.6-118	
1,2-Dichlorobenzene	0.02	0.019	95						82.6-113	
1,2-Dichloroethane	0.02	0.018	90						72.8-126	
1,2-Dichloropropane	0.02	0.018	90						82.4-120	
1,3,5-Trimethylbenzene	0.02	0.019	95						81.3-114	
1,3-Dichlorobenzene	0.02	0.019	95						83.4-113	
1,3-Dichloropropane	0.02	0.018	90						79.8-115	
1,4-Dichlorobenzene	0.02	0.019	95						82.6-113	
2,2-Dichloropropane	0.02	0.021	105						69.4-131	
2-Chlorotoluene	0.02	0.019	95						77.8-118	
4-Chlorotoluene	0.02	0.018	90						78.8-117	
4-Isopropyltoluene	0.02	0.02	100						80.9-114	
Benzene	0.02	0.018	90						84.1-118	
Bromobenzene	0.02	0.019	95						82.8-116	
Bromochloromethane	0.02	0.023	115						70.7-131	
Bromodichloromethane	0.02	0.018	90						83.1-119	
Bromoform	0.02	0.019	95						70.3-136	
Bromomethane	0.02	0.02	100						59-134	
Carbon tetrachloride	0.02	0.018	90						74.6-129	
Chlorobenzene	0.02	0.018	90						87.8-110	
Chloroethane	0.02	0.019	95						73.7-124	
Chloroform	0.02	0.022	110						76.4-124	
Chloromethane	0.02	0.02	100						59.4-138	
cis-1,2-Dichloroethylene	0.02	0.022	110						74.3-124	
cis-1,3-Dichloropropene	0.02	0.02	100						84.6-117	
Dibromochloromethane	0.02	0.019	95						81.6-118	
Dibromomethane	0.02	0.019	95						75.8-126	
Dichlorodifluoromethane	0.02	0.019	95						44.4-149	
Ethylbenzene	0.02	0.018	90						82.8-114	
Isopropylbenzene	0.02	0.018	90						86.8-113	
m- & p-Xylenes	0.04	0.035	87.5						76.9-122	
MEK	0.02	0.024	120						44.9-154	
Methylene chloride	0.02	0.022	110						67.3-130	
Naphthalene	0.02	0.021	105						55.8-136	
n-Butylbenzene	0.02	0.019	95						74.1-120	
n-Propylbenzene	0.02	0.018	90						78.9-115	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080326 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.05,06,07,08,09,10,11

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
o-Xylene	0.02	0.018	90						86-111	
sec-Butylbenzene	0.02	0.019	95						80.2-115	
Styrene	0.02	0.018	90						86.7-111	
t-butylbenzene	0.02	0.019	95						80.7-116	
Tetrachloroethylene	0.02	0.018	90						77.9-126	
Toluene	0.02	0.018	90						85.9-110	
trans-1,2-Dichloroethylene	0.02	0.02	100						73.7-124	
trans-1,3-Dichloropropene	0.02	0.019	95						83-114	
Trichloroethylene	0.02	0.018	90						85.4-114	
Trichlorofluoromethane	0.02	0.019	95						74.3-126	
Vinyl Chloride	0.02	0.02	100						68-129	
Xylenes	0.06	0.053	88.3						81.2-117	

QC Type: MS and MSD
QC Sample ID: 12071206.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
1,1,1,2-Tetrachloroethane	BRL	0.02	0.015	75	0.02	0.016	80	6.4	35	72-139	
1,1,1-Trichloroethane	BRL	0.02	0.019	95	0.02	0.02	100	5.1	35	82-137	
1,1,2,2-Tetrachloroethane	BRL	0.02	0.016	80	0.02	0.017	85	6.1	35	55-149	
1,1,2-Trichloroethane	BRL	0.02	0.018	90	0.02	0.019	95	5.4	35	68-139	
1,1-Dichloroethane	BRL	0.02	0.022	110	0.02	0.023	115	4.4	35	78-134	
1,1-Dichloroethylene	BRL	0.02	0.021	105	0.02	0.023	115	9.1	35	65-141	
1,1-Dichloropropene	BRL	0.02	0.021	105	0.02	0.022	110	4.6	35	79-136	
1,2,3-trichlorobenzene	BRL	0.02	0.02	100	0.02	0.022	110	9.5	35	54-144	
1,2,3-Trichloropropane	BRL	0.02	0.024	120	0.02	0.024	120	0	35	58-156	
1,2,4-Trichlorobenzene	BRL	0.02	0.017	85	0.02	0.02	100	16.2	35	69-127	
1,2,4-Trimethylbenzene	BRL	0.02	0.018	90	0.02	0.018	90	0	35	80-131	
1,2-Dibromo-3-chloropropa	BRL	0.02	0.031	155	0.02	0.031	155	0	35	61-145	M1
1,2-Dibromoethane	BRL	0.02	0.019	95	0.02	0.02	100	5.1	35	68-140	
1,2-Dichlorobenzene	BRL	0.02	0.019	95	0.02	0.019	95	0	35	70-138	
1,2-Dichloroethane	BRL	0.02	0.016	80	0.02	0.017	85	6.1	35	67-152	
1,2-Dichloropropane	BRL	0.02	0.019	95	0.02	0.019	95	0	35	79-135	
1,3,5-Trimethylbenzene	BRL	0.02	0.019	95	0.02	0.019	95	0	35	79-133	
1,3-Dichlorobenzene	BRL	0.02	0.018	90	0.02	0.019	95	5.4	35	79-128	
1,3-Dichloropropane	BRL	0.02	0.019	95	0.02	0.02	100	5.1	35	70-147	
1,4-Dichlorobenzene	BRL	0.02	0.017	85	0.02	0.018	90	5.7	35	76-127	
2,2-Dichloropropane	BRL	0.02	0.015	75	0.02	0.016	80	6.4	35	60-129	
2-Chlorotoluene	BRL	0.02	0.018	90	0.02	0.019	95	5.4	35	83-130	
4-Chlorotoluene	BRL	0.02	0.016	80	0.02	0.019	95	17.1	35	82-129	M2

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Volatile Organic Compounds** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080326 **Created Date :** 08/02/12 **Created By :** KKrch

Samples in This QC Batch : 12071121.05,06,07,08,09,10,11

QC Type: MS and MSD
QC Sample ID: 12071206.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
4-Isopropyltoluene	BRL	0.02	0.019	95	0.02	0.019	95	0	35	78-129	
Benzene	0.0062	0.02	0.023	84	0.02	0.024	89	5.8	35	73-129	
Bromobenzene	BRL	0.02	0.02	100	0.02	0.02	100	0	35	76-132	
Bromochloromethane	BRL	0.02	0.025	125	0.02	0.026	130	3.9	35	76-135	
Bromodichloromethane	BRL	0.02	0.017	85	0.02	0.017	85	0	35	80-136	
Bromoform	BRL	0.02	0.017	85	0.02	0.018	90	5.7	35	65-139	
Bromomethane	BRL	0.02	0.015	75	0.02	0.017	85	12.5	35	65-150	
Carbon tetrachloride	BRL	0.02	0.016	80	0.02	0.017	85	6.1	35	70-136	
Chlorobenzene	BRL	0.02	0.016	80	0.02	0.017	85	6.1	35	69-123	
Chloroethane	BRL	0.02	0.021	105	0.02	0.021	105	0	35	74-145	
Chloroform	BRL	0.02	0.02	100	0.02	0.02	100	0	35	78-132	
Chloromethane	BRL	0.02	0.015	75	0.02	0.016	80	6.4	35	69-139	
cis-1,2-Dichloroethylene	0.013	0.02	0.038	125	0.02	0.038	125	0	35	71-134	
cis-1,3-Dichloropropene	BRL	0.02	0.016	80	0.02	0.016	80	0	35	74-128	
Dibromochloromethane	BRL	0.02	0.018	90	0.02	0.019	95	5.4	35	67-141	
Dibromomethane	BRL	0.02	0.018	90	0.02	0.018	90	0	35	75-135	
Dichlorodifluoromethane	BRL	0.02	0.0088	44	0.02	0.009	45	2.2	35	62-146	M2
Ethylbenzene	BRL	0.02	0.016	80	0.02	0.017	85	6.1	35	80-132	
Isopropylbenzene	BRL	0.02	0.014	70	0.02	0.015	75	6.9	35	78-137	M2
m- & p-Xylenes	BRL	0.04	0.029	72.5	0.02	0.03	150	3.4	35	74-127	M2,M1
MEK	BRL	0.02	0.03	150	0.02	0.035	175	15.4	35	52-148	M1
Methylene chloride	BRL	0.02	0.023	115	0.02	0.024	120	4.3	35	68-131	
Naphthalene	BRL	0.02	0.025	125	0.02	0.029	145	14.8	35	61-116	M1
n-Butylbenzene	BRL	0.02	0.018	90	0.02	0.018	90	0	35	73-140	
n-Propylbenzene	BRL	0.02	0.019	95	0.02	0.019	95	0	35	75-127	
o-Xylene	BRL	0.02	0.015	75	0.02	0.016	80	6.4	35	74-126	
sec-Butylbenzene	BRL	0.02	0.019	95	0.02	0.019	95	0	35	75-129	
Styrene	BRL	0.02	0.014	70	0.02	0.015	75	6.9	35	77-123	M2
t-butylbenzene	BRL	0.02	0.021	105	0.02	0.021	105	0	35	75-126	
Tetrachloroethylene	BRL	0.02	0.018	90	0.02	0.019	95	5.4	35	70-130	
Toluene	BRL	0.02	0.018	85	0.02	0.019	90	5.7	35	72-121	
trans-1,2-Dichloroethylene	BRL	0.02	0.022	110	0.02	0.023	115	4.4	35	73-138	
trans-1,3-Dichloropropene	BRL	0.02	0.014	70	0.02	0.015	75	6.9	35	70-133	
Trichloroethylene	BRL	0.02	0.019	95	0.02	0.019	95	0	35	6-138	
Trichlorofluoromethane	BRL	0.02	0.016	80	0.02	0.016	80	0	35	67-148	
Vinyl Chloride	0.071	0.02	N/C	N/C	0.02	N/C	N/C	N/C	35	80-122	M6
Xylenes	BRL	0.06	0.044	73.3	0.06	0.046	76.7	4.4	35	73-127	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : Corrosivity, pH **Method : SW-846 9040C** **Reporting Units : s.u.**

QC Batch ID : Qb12080622 **Created Date :** 08/06/12 **Created By :** Ksudha

Samples in This QC Batch : 12071121.05,06,07,08,09,10,11

QC Type: Duplicate

QC Sample ID: 12071121.05

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
pH	8.05	8.02	s.u.	0.4	5		

QC Type: LCS and LCSD

Parameter	LCS Assigned	LCS Result		LCSD Assigned	LCSD Result		RPD	RPD CtrlLimit	Tolerance	Qual
pH	4.0	4.05							3.95-4.05	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : Ignitability (Flash Point) **Method : SW-846 1010A** **Reporting Units : °F**

QC Batch ID : Qb12080626 **Created Date :** 08/06/12 **Created By :** Ksudha

Samples in This QC Batch : 12071121.05,06,07,08,09,10,11

QC Type: Duplicate

QC Sample ID: 12071121.05

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
Ignitability	>150	>150	°F		20		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Ignitability	83	85	102	83	85	102	0	20	75-125	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Reactive Cyanide** **Method :** **SW-846 7.3** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080629 **Created Date :** 08/06/12 **Created By :** Srani

Samples in This QC Batch : 12071121.07,09

Sample Preparation :	PB12073135	**Prep Method :**	SW-846 7.3	**Prep Date :**	07/30/12 08:40	**Prep By :**	Srani
	PB12080236		SW-846 7.3		08/02/12 08:15		Srani

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Reactive Cyanide		< MDL	mg/L	1	----	25		

QC Type: Duplicate

QC Sample ID: 12071125.03

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
Reactive Cyanide	BRL	BRL	mg/L		20		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Reactive Cyanide	25	11.6	46.3	25	11.3	45.3	2.5	20	40-110	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Reactive Sulfide** **Method :** **SW-846 7.3** **Reporting Units :** **mg/L**

QC Batch ID : Qb12080636 **Created Date :** 08/02/12 **Created By :** Srani

Samples in This QC Batch : 12071121.02,07,09

Sample Preparation :	PB12080234	**Prep Method :**	SW-846 7.3	**Prep Date :**	08/02/12 08:15	**Prep By :**	Srani
	PB12080632		SW-846 7.3		08/02/12 08:20		Srani

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
Reactive Sulfide		< MDL	mg/L	1	----	25		

QC Type: Duplicate

QC Sample ID: 12071121.02

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
Reactive Sulfide	BRL	BRL	mg/L		20		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Reactive Sulfide	1000	608	60.8	1000	649	64.9	6.4	20	40-110	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 12071121 **Date :** 8/7/2012

Analysis : **Method :** **TX 1005** **Reporting Units : mg/L**

QC Batch ID : Qb12080643 **Created Date :** 08/06/12 **Created By :** AVBembde

Samples in This QC Batch : 12071121.05,09

Sample Preparation : PB12080635 **Prep Method :** TX 1005 **Prep Date :** 08/06/12 13:00 **Prep By :** AVBembde

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	MQL	MDL		Qual
C6-C12	TPH-1005-1	< MDL	mg/L	1	1.5	0.66		
>C12-C28	TPH-1005-2	< MDL	mg/L	1	1.5	0.86		
>C28-C35	TPH-1005-4	< MDL	mg/L	1	1.5	0.75		
Total C6-C35		< MDL	mg/L	1	----			
1-Chlorooctane(surr)	111-85-3	68.7	%	1				
Chlorooctadecane(surr)	3386-33-2	69.6	%	1				

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
C6-C12	30	28.3	94.3	30	28.2	94	0.4	20	75-125	
>C12-C28	30	30.1	100	30	30.1	100	0	20	75-125	
>C28-C35	30	23.6	78.7	30	23.5	78.3	0.4	20	75-125	

Refer to the Definition page for terms.

A & B Labs — *Chain of Custody*

The Chain of Custody is a Legal Document

10100 East Fwy (I-10)
Suite 100
Houston, TX 77029
713-453-6060
1-877-478-6060 Toll Free
713-453-6091 Fax
ablabs.com

A&B JOB ID # 12071121

5. Project # 79112 CES

1. REPORT TO:
Company: EFFective ENV.
Address: 9950 Chemical RD
~~488~~ PASADENA TX
Contact: CLINT LECHNER
Phone: 281 793 1717
Fax: ☐
E-mail: ☒ CLECHNER@EFF-ENV.COM

2. INVOICE TO:
Company:
Address:
Contact: SAME
Phone:
Fax: ☐
E-mail: ☐

3. PO # 79112
3a. A&B Quote #
4. Turnaround Time (Business Days)
☐ 1 Day* ☐ Other:
☐ 2 Days*
☐ 3 Days* *Surcharge applies
☒ 7 Days - Standard

6. Project Name/Location
CES DAVIS ASKANASE

7. Reporting Requirement:
☐ TRRP Limits only ☒ TRRP Rpt. Package ☐ See Attached ☐ Standard Level II ☐ PST ☐ MDL ☐ EDD

8. Sampler's Name & Company (PLEASE PRINT): CLINT LECHNER
Sampler's Signature & Date: 7-26

13. 14. Containers* / 15. Preservatives** / 16. PH-Lab Only

17. Analyses/Methods: VOC SW846 8260C; SVOC SW846 8270D; TPH TX1005; RCRA Metals II; TSS SM 2540D; RCI

LAB USE ONLY	9. Sample ID and Description	10. Sampling Date	Time 24hr	11. Comp.	Grab	12. Matrix: Water	Soil	Sludge	Oil	Drinking Water	Air	Other	No. of Containers	18. REMARKS
01AB	WW T1	7-26	1030	X		X							2	TRRP 13
02AB	WW T12	7-26	1040	X		X							2	TRRP 13
03AB	WW T2	7-26	1050	X		X							2	TRRP 13
04AB	WW T6	7-26	1110	X		X							2	TRRP 13
05AB	WW T3	7-26	1130	X		X							2	TRRP 13
06AB	WW T4	7-26	12	X		X							2	TRRP 13
07AB	WW T10	7-26	1220	X		X							2	TRRP 13
08AB	WW T5	7-26	1230	X		X							2	TRRP 13
09AB	WW T7	726	1240	X		X							2	TRRP 13

19. RELINQUISHED BY	DATE	TIME	20. RECEIVED BY	DATE	TIME
1	7-26	1353		7-26-12	1353
2					
3					

21. KNOWN HAZARDS/COMMENTS

Temperature: 31.8 °C
Thermometer ID 90941650
Intact: Y or N Initials CC

A&B cannot accept verbal changes
Please FAX written changes to 713-453-6091

Samples will be disposed of after 30 days
A&B reserves the right to return samples

*Containers: VOA - 40 ml vial; 4 oz/8 oz - glass wide mouth; A/G - Amber/Glass 1 Liter; P/O - Plastic/other

**Preservatives: C - Cool; H - HCl; N - HNO_3; S - H_2SO_4; OH - NaOH; T - $NA_2S_2O_3$; X - Other

METHOD OF SHIPMENT

BILL OF LADING/TRACKING #

LAB USE ONLY SAMPLING RENTAL P/U

A & B Labs — *Chain of Custody* — The Chain of Custody is a Legal Document

10100 East Fwy (I-10)
Suite 100
Houston, TX 77029
713-453-6060
1-877-478-6060 Toll Free
713-453-6091 Fax
ablabs.com

A&B JOB ID # 12071121

5. Project # 79112 CES

1. REPORT TO:
Company: EFFECTIVE ENV.
Address: 9850 Chemical Rd
PASADENA TX
Contact: CLINT LECHNER
Phone:
Fax: ☐
E-mail: ☐ CLECHNER@EFF-ENV.com

2. INVOICE TO:
Company:
Address: SAME
Contact:
Phone:
Fax: ☐
E-mail: ☐ CLECHNER@EFF-ENV.com

3. PO # 79112
3a. A&B Quote #
4. Turnaround Time (Business Days)
☐ 1 Day* ☐ Other:
☐ 2 Days*
☐ 3 Days* *Surcharge applies
☒ 7 Days - Standard

6. Project Name/Location: CES DAVIS ASHLANESE

7. Reporting Requirement:
☐ TRRP Limits only ☒ TRRP Rpt. Package ☐ See Attached ☐ Standard Level II ☐ PST ☐ MDL ☐ EDD

8. Sampler's Name & Company (PLEASE PRINT): Clint Lechner
Sampler's Signature & Date: 7-26

LAB USE ONLY	9. Sample ID and Description	10. Sampling Date	Time 24hr	11. Comp.	Grab	12. Matrix: Water	Soil	Sludge	Oil	Drinking Water	Air	Other	13. No. of Containers	14. Containers* / 15. Preservatives** / 16. PH-Lab Only / 17. Analyses/Methods: VOC	SVOC	TPH	RCRA Metals	TSS	RCT	18. REMARKS
10AB	WWT9	7-26	1240	X		X							2	X	X	X	X	X	X	TRRP 13
11AB	WWT8	7-26	1300	X		X							2	X	X	X	X	X	X	

19. RELINQUISHED BY	DATE	TIME	20. RECEIVED BY	DATE	TIME
1	7-26	1353		7-26-12	1353
2					
3					

21. KNOWN HAZARDS/COMMENTS

Temperature: _____ °C
Thermometer ID _____
Intact: Y or N Initials _____

A&B cannot accept verbal changes
Please FAX written changes to 713-453-6091

Samples will be disposed of after 30 days
A&B reserves the right to return samples

*Containers: VOA - -40 ml vial; 4 oz/8 oz - glass wide mouth; A/G - Amber/Glass 1 Liter; P/O - Plastic/other _____

**Preservatives: C - Cool; H - HCl; N - HNO_3; S - H_2SO_4; OH - NaOH; T - $NA_2S_2O_3$; X - Other _____

METHOD OF SHIPMENT

BILL OF LADING/TRACKING #

LAB USE ONLY SAMPLING RENTAL _____ P/U _____

Sample Condition Checklist

A&B JobID : **12071121**	Date Received : **07/26/2012**	Time Received : **1:53PM**
Client Name : **Effective Environmental**		
Temperature : **31.8°C**	Sample pH : **N/A**	
Thermometer ID : **90941650**	pH Paper ID : **N/A**	

	Check Points	Yes	No	N/A
1.	**Cooler seal present and signed.**			X
2.	**Sample(s) in a cooler.**		X	
3.	**If yes, ice in cooler.**		X	
4.	**Sample(s) received with chain-of-custody.**	X		
5.	**C-O-C signed and dated.**	X		
6.	**Sample(s) received with signed sample custody seal.**		X	
7.	**Sample containers arrived intact. (If no comment).**	X		
8.	**Matrix :** Water ☐ Soil ☐ Liquid ☑ Sludge ☐ Solid ☐ Cassette ☐ Tube ☐ Bulk ☐ Badge ☐ Food ☐ Other ☐			
9.	**Sample(s) were received in appropriate container(s).**	X		
10.	**Sample(s) were received with proper preservative**	X		
11.	**All samples were logged or labeled.**	X		
12.	**Sample ID labels match C-O-C ID's**	X		
13.	**Bottle count on C-O-C matches bottles found.**	X		
14.	**Sample volume is sufficient for analyses requested.**	X		
15.	**Samples were received within the hold time.**	X		
16.	**VOA vials completely filled.**			X
17.	**Sample accepted.**	X		

Comments : Include actions taken to resolve discrepancies/problem:

No voa vials received for VOC or TPH analysis.

Received by : CCripe

Check in by/date : CCripe / 07/26/2012

DCS Summary

A&B JobID 12071121
Effective Environmental
79112 CES / CES Davis Askanese
Sample Collected 7/26/2012

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	EPA 245.1	Mercury	0.0001	mg/L		0.00012	mg/L	75	04/23/2012	Ggorane

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	EPA 200.7	Aluminum	0.0145	mg/L		0.004	mg/L	363	05/10/2012	Scuello
DCS	EPA 200.7	Antimony	0.0060	mg/L		0.004	mg/L	150	05/10/2012	Scuello
DCS	EPA 200.7	Arsenic	0.0036	mg/L		0.004	mg/L	90	05/10/2012	Scuello
DCS	EPA 200.7	Barium	0.0042	mg/L		0.004	mg/L	105	05/10/2012	Scuello
DCS	EPA 200.7	Beryllium	0.0041	mg/L		0.004	mg/L	103	05/10/2012	Scuello
DCS	EPA 200.7	Boron	0.0045	mg/L		0.004	mg/L	113	05/10/2012	Scuello
DCS	EPA 200.7	Vanadium	0.0039	mg/L		0.004	mg/L	97.5	05/10/2012	Scuello
DCS	EPA 200.7	Zinc	0.0050	mg/L		0.004	mg/L	125	05/10/2012	Scuello
DCS	EPA 200.7	Selenium	0.0042	mg/L		0.004	mg/L	105	05/10/2012	Scuello
DCS	EPA 200.7	Silicon	0.0079	mg/L		0.004	mg/L	198	05/10/2012	Scuello
DCS	EPA 200.7	Silver	0.0038	mg/L		0.004	mg/L	95	05/10/2012	Scuello
DCS	EPA 200.7	Sodium	0.0096	mg/L		0.004	mg/L	240	05/10/2012	Scuello
DCS	EPA 200.7	Thallium	0.0049	mg/L		0.004	mg/L	123	05/10/2012	Scuello
DCS	EPA 200.7	Titanium	0.0038	mg/L		0.004	mg/L	95	05/10/2012	Scuello
DCS	EPA 200.7	Lead	0.0043	mg/L		0.004	mg/L	108	05/10/2012	Scuello
DCS	EPA 200.7	Magnesium	0.0063	mg/L		0.004	mg/L	158	05/10/2012	Scuello
DCS	EPA 200.7	Manganese	0.0040	mg/L		0.004	mg/L	100	05/10/2012	Scuello
DCS	EPA 200.7	Molybdenum	0.0040	mg/L		0.004	mg/L	100	05/10/2012	Scuello
DCS	EPA 200.7	Nickel	0.0040	mg/L		0.004	mg/L	100	05/10/2012	Scuello
DCS	EPA 200.7	Potassium	0.0595	mg/L		0.04	mg/L	149	05/10/2012	Scuello
DCS	EPA 200.7	Cadmium	0.0040	mg/L		0.004	mg/L	100	05/10/2012	Scuello
DCS	EPA 200.7	Calcium	0.0171	mg/L		0.004	mg/L	428	05/10/2012	Scuello
DCS	EPA 200.7	Chromium	0.0039	mg/L		0.004	mg/L	97.5	05/10/2012	Scuello
DCS	EPA 200.7	Cobalt	0.0044	mg/L		0.004	mg/L	110	05/10/2012	Scuello
DCS	EPA 200.7	Copper	0.0045	mg/L		0.004	mg/L	113	05/10/2012	Scuello
DCS	EPA 200.7	Iron	0.0125	mg/L		0.004	mg/L	313	05/10/2012	Scuello

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	SW-846 8270D	1,2,4-Trichlorobenzene	0.0032	mg/L		0.006	mg/L	53.3	05/24/2012	Whuimei
DCS	SW-846 8270D	1,2-Dichlorobenzene	0.0033	mg/L		0.006	mg/L	55	05/24/2012	Whuimei
DCS	SW-846 8270D	1,3-Dichlorobenzene	0.0032	mg/L		0.006	mg/L	53.3	05/24/2012	Whuimei
DCS	SW-846 8270D	1,4-Dichlorobenzene	0.0031	mg/L		0.006	mg/L	51.7	05/24/2012	Whuimei
DCS	SW-846 8270D	2,4,5-Trichlorophenol	0.0035	mg/L		0.006	mg/L	58.3	05/24/2012	Whuimei
DCS	SW-846 8270D	2,4,6-Trichlorophenol	0.0034	mg/L		0.006	mg/L	56.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Dibenz (a,j) acridine	0.0032	mg/L		0.006	mg/L	53.3	06/18/2012	Whuimei
DCS	SW-846 8270D	N,N-dimethylaniline	0.0018	mg/L		0.003	mg/L	60	06/26/2012	Whuimei
DCS	SW-846 8270D	Methapyrilene	0.003	mg/L		0.006	mg/L		06/18/2012	Whuimei
DCS	SW-846 8270D	N-Nitrosomorpholine	0.0035	mg/L		0.006	mg/L		06/18/2012	Whuimei
DCS	SW-846 8270D	Phorate	0.0045	mg/L		0.006	mg/L		06/18/2012	Whuimei
DCS	SW-846 8270D	Quinoline	0.0055	mg/L		0.006	mg/L		06/18/2012	Whuimei
DCS	SW-846 8270D	Thiophenol	0.0016	mg/L		0.006	mg/L		06/18/2012	Whuimei
DCS	SW-846 8270D	4,4'-Methylenebis (N,N-Dimethylaniline)	0.0018	mg/L		0.01	mg/L		06/18/2012	Whuimei
DCS	SW-846 8270D	N-Nitrosodibutylamine	0.0038	mg/L			mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Nitroso-N-diethylamine	0.0034	mg/L		0.006	mg/L	56.7	05/31/2012	Whuimei
DCS	SW-846 8270D	Diphenylamine	0.0037	mg/L		0.006	mg/L	61.7	06/01/2012	Whuimei
DCS	SW-846 8270D	Aramite	0.0054	mg/L		0.006	mg/L		06/18/2012	Whuimei
DCS	SW-846 8270D	Atrazine	0.0043	mg/L		0.006	mg/L		06/18/2012	Whuimei
DCS	SW-846 8270D	Caprolactam	0.0073	mg/L		0.006	mg/L		06/18/2012	Whuimei
DCS	SW-846 8270D	Pentachloronitrobenzene	0.0033	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Safrole	0.0033	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	7,12-Dimethylbenz (a) anthracene	0.0067	mg/L		0.006	mg/L	112	05/31/2012	Whuimei
DCS	SW-846 8270D	Phenacitin	0.0034	mg/L		0.006	mg/L	56.7	05/31/2012	Whuimei
DCS	SW-846 8270D	Pronamide	0.0037	mg/L		0.006	mg/L	61.7	05/31/2012	Whuimei

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	SW-846 8270D	1,2,4,5-Tetrachlorobenzene	0.0032	mg/L			mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Isosafrole	0.0034	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Methyl Methanesulfonate	0.0033	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	N-nitrosomethylethylamine	0.0031	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	N-Nitrosopiperidine	0.0035	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	N-nitrosopyrrolidine	0.003	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Pentachlorobenzene	0.0035	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	5-Nitro-o-toluidine	0.0027	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Acetophenone	0.0035	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Chlorobenzilate	0.0037	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Dinoseb	0.0092	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Ethyl Methanesulfonate	0.0033	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Isodrin	0.0035	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	2-Acetylaminofluorene	0.0028	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	2-Naphthylamine	0.0063	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	2-Picoline	0.0033	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	3,3'-Dimethylbenzidine	0.0084	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	3-Methylcholanthrene	0.0031	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	4-Aminobiphenyl	0.0065	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	1,3,5-Trinitrobenzene	0.008	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	1,3-Dinitrobenzene	0.003	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	1,4-Naphthoquinone	0.0031	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	1-Naphthylamine	0.0057	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	2,3,4,6-Tetrachlorophenol	0.0031	mg/L		0.006	mg/L		05/31/2012	Whuimei

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	SW-846 8270D	2,6-Dichlorophenol	0.0036	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Pentachlorophenol	0.0032	mg/L		0.006	mg/L	53.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Phenanthrene	0.0038	mg/L		0.006	mg/L	63.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Phenol	0.0028	mg/L		0.006	mg/L	46.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Pyrene	0.0039	mg/L		0.006	mg/L	65	05/24/2012	Whuimei
DCS	SW-846 8270D	Pyridine	0.0027	mg/L		0.010	mg/L	27	05/24/2012	Whuimei
DCS	SW-846 8270D	1,2-Diphenylhydrazine as Azobenzene	0.0036	mg/L		0.006	mg/L		05/31/2012	Whuimei
DCS	SW-846 8270D	Isophorone	0.0035	mg/L		0.006	mg/L	58.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Naphthalene	0.0033	mg/L		0.006	mg/L	55	05/24/2012	Whuimei
DCS	SW-846 8270D	Nitrobenzene	0.0038	mg/L		0.006	mg/L	63.3	05/24/2012	Whuimei
DCS	SW-846 8270D	N-Nitrosodimethylamine	0.0026	mg/L		0.006	mg/L	43.3	05/24/2012	Whuimei
DCS	SW-846 8270D	N-nitroso-di-n-propylamine	0.0036	mg/L		0.006	mg/L	60	05/24/2012	Whuimei
DCS	SW-846 8270D	N-Nitrosodiphenylamine	0.0037	mg/L		0.006	mg/L	61.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Fluorene	0.0036	mg/L		0.006	mg/L	60	05/24/2012	Whuimei
DCS	SW-846 8270D	Hexachlorobenzene	0.0036	mg/L		0.006	mg/L	60	05/24/2012	Whuimei
DCS	SW-846 8270D	Hexachlorobutadiene	0.0033	mg/L		0.006	mg/L	55	05/24/2012	Whuimei
DCS	SW-846 8270D	Hexachlorocyclopentadiene	0.0041	mg/L		0.015	mg/L	27.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Hexachloroethane	0.0031	mg/L		0.006	mg/L	51.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Indeno(1,2,3-cd)pyrene	0.0028	mg/L		0.006	mg/L	46.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Dibenzofuran	0.0034	mg/L		0.006	mg/L	56.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Diethyl phthalate	0.0048	mg/L		0.006	mg/L	80	05/24/2012	Whuimei
DCS	SW-846 8270D	Dimethyl phthalate	0.0037	mg/L		0.006	mg/L	61.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Di-n-butyl phthalate	0.0041	mg/L		0.006	mg/L	68.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Di-n-octyl Phthalate	0.0034	mg/L		0.006	mg/L	56.7	05/24/2012	Whuimei

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	SW-846 8270D	Fluoranthene	0.0037	mg/L		0.006	mg/L	61.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Bis(2-chloroisopropyl) ether	0.0035	mg/L		0.006	mg/L	58.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Bis(2-ethylhexyl)phthalate	0.0042	mg/L		0.006	mg/L	70	05/24/2012	Whuimei
DCS	SW-846 8270D	Butyl benzyl phthalate	0.0038	mg/L		0.006	mg/L	63.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Carbazole	0.0037	mg/L		0.006	mg/L	61.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Chrysene	0.0036	mg/L		0.006	mg/L	60	05/24/2012	Whuimei
DCS	SW-846 8270D	Dibenzo(a,h)anthracen e	0.003	mg/L		0.006	mg/L	50	05/24/2012	Whuimei
DCS	SW-846 8270D	Benzo(g,h,i)perylene	0.0033	mg/L		0.006	mg/L	55	05/24/2012	Whuimei
DCS	SW-846 8270D	Benzo(k)fluoranthene	0.0036	mg/L		0.006	mg/L	60	05/24/2012	Whuimei
DCS	SW-846 8270D	Benzoic acid	0.01	mg/L		0.015	mg/L	66.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Benzyl alcohol	0.0032	mg/L		0.006	mg/L	53.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Bis(2-chloroethoxy) methane	0.0035	mg/L		0.006	mg/L	58.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Bis(2-chloroethyl) ether	0.0036	mg/L		0.006	mg/L	60	05/24/2012	Whuimei
DCS	SW-846 8270D	Anthracene	0.0037	mg/L		0.006	mg/L	61.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Azobenzene	0.0036	mg/L		0.006	mg/L	60	05/24/2012	Whuimei
DCS	SW-846 8270D	Benzidine	0.011	mg/L		0.015	mg/L	73.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Benzo(a)anthracene	0.0037	mg/L		0.006	mg/L	61.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Benzo(a)pyrene	0.0035	mg/L		0.006	mg/L	58.3	05/24/2012	Whuimei
DCS	SW-846 8270D	Benzo(b)fluoranthene	0.0034	mg/L		0.006	mg/L	56.7	05/24/2012	Whuimei
DCS	SW-846 8270D	4-Chlorophenyl pheny ether	0.0036	mg/L		0.006	mg/L	60	05/24/2012	Whuimei
DCS	SW-846 8270D	4-Nitroaniline	0.0027	mg/L		0.006	mg/L	45	05/24/2012	Whuimei
DCS	SW-846 8270D	4-Nitrophenol	0.0025	mg/L		0.006	mg/L	41.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Acenaphthene	0.0034	mg/L		0.006	mg/L	56.7	05/24/2012	Whuimei
DCS	SW-846 8270D	Acenaphthylene	0.0033	mg/L		0.006	mg/L	55	05/24/2012	Whuimei
DCS	SW-846 8270D	Aniline	0.0041	mg/L		0.01	mg/L	41	05/24/2012	Whuimei

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	SW-846 8270D	3,3-Dichlorobenzidine	0.019	mg/L		0.036	mg/L	52.8	05/24/2012	Whuimei
DCS	SW-846 8270D	3-Nitroaniline	0.0057	mg/L		0.006	mg/L	95	05/24/2012	Whuimei
DCS	SW-846 8270D	4,6-Dinitro-2-methylphenol	0.0066	mg/L		0.006	mg/L	110	05/24/2012	Whuimei
DCS	SW-846 8270D	4-Bromophenyl phenyl ether	0.0037	mg/L		0.006	mg/L	61.7	05/24/2012	Whuimei
DCS	SW-846 8270D	4-Chloro-3-methylphenol	0.0035	mg/L		0.006	mg/L	58.3	05/24/2012	Whuimei
DCS	SW-846 8270D	4-Chloroaniline	0.0061	mg/L		0.010	mg/L	61	05/24/2012	Whuimei
DCS	SW-846 8270D	2-Chlorophenol	0.0034	mg/L		0.006	mg/L	56.7	05/24/2012	Whuimei
DCS	SW-846 8270D	2-Methylnaphthalene	0.0032	mg/L		0.006	mg/L	53.3	05/24/2012	Whuimei
DCS	SW-846 8270D	2-Methylphenol	0.0034	mg/L		0.006	mg/L	56.7	05/24/2012	Whuimei
DCS	SW-846 8270D	2-Nitroaniline	0.0031	mg/L		0.006	mg/L	51.7	05/24/2012	Whuimei
DCS	SW-846 8270D	2-Nitrophenol	0.003	mg/L		0.006	mg/L	50	05/24/2012	Whuimei
DCS	SW-846 8270D	3- & 4-Methylphenols	0.0068	mg/L		0.006	mg/L	113	05/24/2012	Whuimei
DCS	SW-846 8270D	2,4-Dichlorophenol	0.0035	mg/L		0.006	mg/L	58.3	05/24/2012	Whuimei
DCS	SW-846 8270D	2,4-Dimethylphenol	0.003	mg/L		0.006	mg/L	50	05/24/2012	Whuimei
DCS	SW-846 8270D	2,4-Dinitrophenol	0.0095	mg/L		0.015	mg/L	63.3	05/24/2012	Whuimei
DCS	SW-846 8270D	2,4-Dinitrotoluene	0.003	mg/L		0.006	mg/L	50	05/24/2012	Whuimei
DCS	SW-846 8270D	2,6-Dinitrotoluene	0.0032	mg/L		0.006	mg/L	53.3	05/24/2012	Whuimei
DCS	SW-846 8270D	2-Chloronaphthalene	0.0032	mg/L		0.006	mg/L	53.3	05/24/2012	Whuimei

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	TX 1005	>C12-C28	2.56	mg/L		1.5	mg/L	171	04/19/2011	Ksudha
DCS	TX 1005	>C28-C35	1.47	mg/L		1.5	mg/L	98	04/19/2011	Ksudha
DCS	TX 1005	C6-C12	0.812	mg/L		1.5	mg/L	54.1	04/19/2011	Ksudha
DCS	TX 1005	Total C6-C35	4.842	mg/L		0	mg/L		04/19/2011	Ksudha

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	SW-846 8260C	1,1,1,2-Tetrachloroethane	0.0036	mg/L		0.004	mg/L	90	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,1,1-Trichloroethane	0.0036	mg/L		0.004	mg/L	90	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,1,2,2-Tetrachloroethane	0.0031	mg/L		0.004	mg/L	77.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,1,2-Trichloroethane	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,1-Dichloroethane	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,1-Dichloroethylene	0.0034	mg/L		0.004	mg/L	85	07/16/2012	Psaraiya
DCS	SW-846 8260C	trans-1,2-Dichloroethylene	0.0035	mg/L		0.004	mg/L	87.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	trans-1,3-Dichloropropene	0.0031	mg/L		0.004	mg/L	77.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Trichloroethylene	0.0043	mg/L		0.004	mg/L	108	07/16/2012	Psaraiya
DCS	SW-846 8260C	Trichlorofluoromethane	0.0034	mg/L		0.004	mg/L	85	07/16/2012	Psaraiya
DCS	SW-846 8260C	Vinyl Chloride	0.0034	mg/L		0.004	mg/L	85	07/16/2012	Psaraiya
DCS	SW-846 8260C	Xylenes	0.0106	mg/L		0.012	mg/L	88.3	07/16/2012	Psaraiya
DCS	SW-846 8260C	o-Xylene	0.0034	mg/L		0.004	mg/L	85	07/16/2012	Psaraiya
DCS	SW-846 8260C	sec-Butylbenzene	0.0041	mg/L		0.004	mg/L	103	07/16/2012	Psaraiya
DCS	SW-846 8260C	Styrene	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	t-butylbenzene	0.0041	mg/L		0.004	mg/L	103	07/16/2012	Psaraiya
DCS	SW-846 8260C	Tetrachloroethylene	0.0031	mg/L		0.004	mg/L	77.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Toluene	0.0035	mg/L		0.004	mg/L	87.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	m- & p-Xylenes	0.0072	mg/L		0.008	mg/L	90	07/16/2012	Psaraiya
DCS	SW-846 8260C	MEK	0.0034	mg/L		0.004	mg/L	85	07/16/2012	Psaraiya
DCS	SW-846 8260C	Methylene chloride	0.0034	mg/L		0.004	mg/L	85	07/16/2012	Psaraiya
DCS	SW-846 8260C	Naphthalene	0.0045	mg/L		0.004	mg/L	113	07/16/2012	Psaraiya
DCS	SW-846 8260C	n-Butylbenzene	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	n-Propylbenzene	0.0039	mg/L		0.004	mg/L	97.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	cis-1,3-Dichloropropene	0.0031	mg/L		0.004	mg/L	77.5	07/16/2012	Psaraiya

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	SW-846 8260C	Dibromochloromethane	0.0029	mg/L		0.004	mg/L	72.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Dibromomethane	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Dichlorodifluoromethane	0.0031	mg/L		0.004	mg/L	77.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Ethylbenzene	0.0034	mg/L		0.004	mg/L	85	07/16/2012	Psaraiya
DCS	SW-846 8260C	Isopropylbenzene	0.0035	mg/L		0.004	mg/L	87.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Carbon tetrachloride	0.0031	mg/L		0.004	mg/L	77.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Chlorobenzene	0.0035	mg/L		0.004	mg/L	87.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Chloroethane	0.0037	mg/L		0.004	mg/L	92.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Chloroform	0.0034	mg/L		0.004	mg/L	85	07/16/2012	Psaraiya
DCS	SW-846 8260C	Chloromethane	0.0034	mg/L		0.004	mg/L	85	07/16/2012	Psaraiya
DCS	SW-846 8260C	cis-1,2-Dichloroethylene	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Benzene	0.0038	mg/L		0.004	mg/L	95	07/16/2012	Psaraiya
DCS	SW-846 8260C	Bromobenzene	0.0041	mg/L		0.004	mg/L	103	07/16/2012	Psaraiya
DCS	SW-846 8260C	Bromochloromethane	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Bromodichloromethane	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	Bromoform	0.0056	mg/L		0.004	mg/L	140	07/16/2012	Psaraiya
DCS	SW-846 8260C	Bromomethane	0.0066	mg/L		0.004	mg/L	165	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,3-Dichloropropane	0.0036	mg/L		0.004	mg/L	90	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,4-Dichlorobenzene	0.0037	mg/L		0.004	mg/L	92.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	2,2-Dichloropropane	0.0032	mg/L		0.004	mg/L	80	07/16/2012	Psaraiya
DCS	SW-846 8260C	2-Chlorotoluene	0.0042	mg/L		0.004	mg/L	105	07/16/2012	Psaraiya
DCS	SW-846 8260C	4-Chlorotoluene	0.004	mg/L		0.004	mg/L	100	07/16/2012	Psaraiya
DCS	SW-846 8260C	4-Isopropyltoluene	0.0039	mg/L		0.004	mg/L	97.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,2-Dibromoethane	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,2-Dichlorobenzene	0.0038	mg/L		0.004	mg/L	95	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,2-Dichloroethane	0.0035	mg/L		0.004	mg/L	87.5	07/16/2012	Psaraiya

QCType	Method	Parameter	Result	Units	D.F.	Spike Amount	Spike Units	%Rec	EnteredDate	EnteredBy
DCS	SW-846 8260C	1,2-Dichloropropane	0.0035	mg/L		0.004	mg/L	87.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,3,5-Trimethylbenzene	0.004	mg/L		0.004	mg/L	100	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,3-Dichlorobenzene	0.0038	mg/L		0.004	mg/L	95	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,1-Dichloropropene	0.0033	mg/L		0.004	mg/L	82.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,2,3-trichlorobenzene	0.0039	mg/L		0.004	mg/L	97.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,2,3-Trichloropropane	0.0043	mg/L		0.004	mg/L	108	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,2,4-Trichlorobenzene	0.0035	mg/L		0.004	mg/L	87.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,2,4-Trimethylbenzene	0.0039	mg/L		0.004	mg/L	97.5	07/16/2012	Psaraiya
DCS	SW-846 8260C	1,2-Dibromo-3-chloropropane	0.0036	mg/L		0.004	mg/L	90	07/16/2012	Psaraiya

Laboratory Data Package Cover Page

This data package is for Job No. 12071121 and laboratory batch no(s). Qb12072744,Qb12072745,Qb12073146,Qb12080138,Qb12080139,qb12080143,Qb12080214,Qb12080216,Qb12080224,Qb12080225,Qb12080237,Qb12080241,Qb12080304,Qb12080326,Qb12080622,Qb12080626,Qb12080629,Qb12080636,Qb12080643 and consists of:

This signature page, the laboratory review checklist, and the following reportable data:

☒ R1 - Field chain-of-custody documentation;

☒ R2 - Sample identification cross-reference;

☒ R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

☒ R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

☒ R5 - Test reports/summary forms for blank samples;

☒ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

c. LCS spiking amounts,

d. Calculated %R for each analyte, and

e. The laboratory's LCS QC limits.

☒ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

f. Samples associated with the MS/MSD clearly identified,

g. MS/MSD spiking amounts,

h. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

i. Calculated %Rs and relative percent differences (RPDs), and

j. The laboratory's MS/MSD QC limits

☒ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

k. The amount of analyte measured in the duplicate,

l. The calculated RPD, and

m. The laboratory's QC limits for analytical duplicates.

☒ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

☒ R10 - Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/ anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: [ ] This laboratory meets an exception under 30 TAC §25.6 and was last inspection by [ ] TCEQ or [ ] _____ on _____. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible forreleasing this data package and is by signature affirming the above release statement is true.

Name (Printed)	Signature	Official Title (Printed)	Date
Alisha Rodriguez	Alisha Rodriguez	Project Manager	08/07/2012

Laboratory Review Checklist: Reportable Data

Project Name: 79112 CES / CES Davis Askanese
Reviewed By: ACrodriguez
A&B Job ID: 12071121
Date Reviewed: 08/07/2012
Prep Batch Number(s): Qb12072744,Qb12072745,Qb12073146,Qb12080138,Qb12080139,qb12080143,Qb12080214,Qb12080216,Qb12080224,Qb12080225,Qb12080237,Qb12080241,Qb12080304,Qb12080326,Qb12080622,Qb12080626,Qb12080629,Qb12080636,Qb12080643

#	A	Description	Yes	No	NA	NR	ER#
R1	**OI**	**Chain-of Custody**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?		X			R1/1
		2) Were all departures from standard conditions described in an exception report?	X				
R2	**OI**	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross referenced to corresponding QC data?	X				
R3	**OI**	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?		X			R3/1
		2) Other than those results <MQL, were all other reported results within calibration range?		X			R3/2
		3) Were calculations subject to appropriate checks?	X				
		4) Were all analyte identifications subject to appropriate checks?	X				
		5) Were all sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			X		
		7) Was % moisture (or solids) reported for all samples?			X		
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035			X		
		9) If required for the project, were tentatively dentified compounds (TICs) reported?			X		
R4	**OI**	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries (%R) within the laboratory QC limits?		X			R4/2
R5	**OI**	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blanks free of detected target compounds and, if applicable, reported TICs?	X				
R6	**OI**	**Laboratory Control Samples (LCS)**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		X			R6/4
		5) Were LCSs spiked at or below the LORP or do the detectability data document the laboratory's capability of detecting the COCs in samples spiked at the MDL?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	**OI**	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %R within the laboratory QC limits?		X			R7/3
		4) Were MS/MSD RPDs within laboratory QC limits?		X			R7/4
R8	**OI**	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	**OI**	**Method Quatitation Limits MQLs)**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				

#	A	Description	Yes	No	NA	NR	ER#
		2) Do the MQLs correspond to the concentration of the lowest non-zero standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	**OI**	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?		X			R10/2
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

S1	**OI**	**INITIAL CALIBRATION (ICAL)**					
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Were the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	**OI**	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND CONTINUING CALIBRATION BLANK (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?		X			S2/2
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	**O**	**MASS SPECTRAL TUNING:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	**O**	**INTERNAL STANDARDS (IS):**					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	**OI**	**Raw data (NELAC Section 5.5.10)**					
		1) Were the raw data (e.g., chromatograms, and spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	**OI**	**DUAL COLUMN CONFIRMATION**					
		Did dual column confirmation results meet the method-required QC?	X				
S7	**OI**	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	**OI**	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**					
		Were percent recoveries within method QC limits?	X				
S9	**OI**	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD ADDITIONS**					
		Were percent differences, recoveries, and the linearity within the QC limits	X				
S10	**OI**	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**					
		Are all methods documented and verified and validated, where applicable, (NELAC 5.10.2 or ISO/IEC 17025 Section 5.4.5)?	X				
S11	**OI**	**METHOD DETECTION LIMIT (MDL) STUDIES**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S12	**OI**	**STANDARDS DOCUMENTATION**					

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#	A	Description	Yes	No	NA	NR	ER#
		Are the standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	**OI**	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**					
		Are the procedures for compound/analyte identification documented?	X				
S14	**OI**	**DEMONSTRATION OF CAPABILITY (DOC)**					
		1) Was DOC conducted generally consistent with NELAC 5C or ISO/IEC 4.2.2?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	**OI**	**PROFICIENCY TEST REPORTS:**					
		Are proficiency testing or inter-laboratory comparison results on file?	X				
S16	**OI**	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**					
		Are laboratory SOPs current and on file for each method performed?	X				

ER#	EXCEPTION
R1/1	All samples were received without ice in the cooler and the temperature of the samples was 31.8 degrees.
R3/1	All samples were received expired for pH analysis. The method holding time for pH is immediate and should be performed in the field. This analysis was qualified in the report with a "H3" qualifier.
R3/2	For TSS analysis by Method SM2540D, all samples were qualified with an "E" qualifier as the results are estimated and were above calibration range. For Volatile analysis by Method SW-846 8260C, some of the compounds for your sample "WW T2" (A&B Lab ID: 12071121.03) was qualified with an "E" qualifier as the results are estimated and were above calibration range. For Reactive Sulfide analysis by Method SW-846 7.3, your samples "WW T3" (A&B Lab ID: 12071121.05), and "WW T9" (A&B Lab ID: 12071121.10) were qualified with an "E" qualifier as the results are estimated and were above calibration range.
R4/2	Total Petroleum Hydrocarbon (TPH) by TCEQ Method 1005 - Surrogate Recovery: For your sample ID "WW T1" (A&B Lab ID: 12071121.01), the recovery of TPH surrogate 1-Chlorooctane was above QC limits due to matrix interference. The surrogate was qualified with a "S1" qualifier. The second surrogate used in TPH analysis, Chlorooctadecane recovered within control limits. Total Petroleum Hydrocarbon (TPH) by TCEQ Method 1005 - Surrogate Recovery: For your sample IDs "WW T2" (A&B Lab ID: 12071121.03), "WW T6" (A&B Lab ID: 12071121.04), "WW T3" (A&B Lab ID: 12071121.05), "WW T10" (A&B Lab ID: 12071121.07), "WW T5" (A&B Lab ID: 12071121.08), "WW T7" (A&B Lab ID: 12071121.09), "WW T9" (A&B Lab ID: 12071121.10), and "WW T8" (A&B Lab ID: 12071121.11), the recovery for both surrogates was not available due to the high dilution of the sample extract. The surrogates were qualified with a "S4" qualifier. Total Petroleum Hydrocarbon (TPH) by TCEQ Method 1005 - Surrogate Recovery: For your sample ID "WW T4" (A&B Lab ID: 12071121.06), the recovery of TPH surrogate Chlorooctadecane was not available due to the high dilution of the sample extract. The surrogate was qualified with a "S4" qualifier. The second surrogate used in TPH analysis, 1-Chlorooctane recovered within control limits. Semivolatile Organic Compounds by Method SW-846 8270D - Surrogate Recovery: For your sample ID "WW T3" (A&B Lab ID: 12071121.05), the recovery of surrogates 2,4,6-Tribromophenol, Phenol-d6, and 2-Fluorophenol were not available due to the high dilution of the sample extract. These surrogates were qualified with a "S4" qualifier. Semivolatile Organic Compounds by Method SW-846 8270D - Surrogate Recovery: For your sample ID "WW T7" (A&B Lab ID: 12071121.09), the recovery of surrogates 2-Fluorobiphenyl, p-Terphenyl-d14, and Nitrobenzene-d5 were above QC limits. For your sample ID :WW T9" (A&B Lab ID: 12071121.10), the recovery of surrogate Phenol-d6 was above QC limits. These surrogates were qualified with a "S1" qualifier.
R6/4	Volatile Organic Compounds By Method SW-846 8260C, QC Batch ID: Qb12080304 - The LCS recovery for several compounds was above laboratory control limits. These compounds were qualified with a "L1" qualifier.

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Date Reviewed: 08/07/2012
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ER#	EXCEPTION
R7/3	Total Recoverable Metals by Method EPA 200.7, QC Batch ID: Qb12080216 - The MS recovery for Barium is below laboratory control limts due to matrix interference. The sample randomly selected in this batch for the quality control check is your sample "WW T6" (A&B Lab ID: 12071121.04). This element was qualified in the report with a "M9" qualifier. Volatile Organic Compounds by Method SW-846 8260C, QC Batch ID: Qb12080304 - The MS and/or MDS recovery for several compounds are above laboratory control limts due to matrix interference. The sample randomly selected in this batch for the quality control check is your sample "WW T2" (A&B Lab ID: 12071121.03). These compounds were qualified in the report with a "M8" qualifier. Volatile Organic Compounds by Method SW-846 8260C, QC Batch ID: Qb12080326 - The MS and/or MDS recovery for several compounds are above laboratory control limts due to matrix interference. These compounds were qualified with a "M1" qualifier. There are also several compounds that recovered below laboratory control limits due to matrix interference. These compounds were qualified with a "M2" qualifier. The sample randomly selected in this batch for the quality control check is not your sample, therefore the sample matrix is not applicable to your project. Volatile Organic Compounds by Method SW-846 8260C, QC Batch ID: Qb12080304 - The MS and/or MDS recovery for several compounds was not calculated due to sample concentration being high, and spike out of linear range. The sample randomly selected in this batch for the quality control check is your sample "WW T2" (A&B Lab ID: 12071121.03). These compounds were qualified in the report with a "M6" qualifier. Volatile Organic Compounds by Method SW-846 8260C, QC Batch ID: Qb12080326 - The MS and/or MDS recovery for Vinyl Chloride was not calculated due to sample concentration being high, and spike out of linear range. The sample randomly selected in this batch for the quality control check is not your sample, therefore the sample matrix is not applicable to your sample. These compounds were qualified in the report with a "M6" qualifier.
R7/4	Volatile Organic Compounds by Method SW-846 8260C, QC Batch ID: Qb12080304 - The RPD control limits recovered above laboratory control limits for 1,1,2-Trichloroethane . The sample randomly selected in this batch for the quality control check is your sample "WW T2" (A&B Lab ID: 12071121.03). This compound was qualified in the report with a "R3" qualifier.
R10/2	Total Recoverable Metals by EPA 200.7 - All of your samples required a dilution due to matrix interference. They were qualified in the report with a "D1" qualifier. Total Mercury by EPA 245.1 - All of your samples required a dilution due to matrix interference. They were qualified in the report with a "D1" qualifier. TSS by Method SM 2540D - All of your samples required a dilution due to matrix interference. They were qualified in the report with a "D1" qualifier. Volatile Organic Compounds by Method SW-846 8260C - All of your samples required a dilution due to a high concentration of non-target analytes. Several compounds were reported as <SDL. This is qualified in the report with a "D2" qualifier. SemiVolatile Organic Compounds by Method SW-846 8270D - All of your samples required a dilution due to a high concentration of non-target analytes. Several compounds were reported as <SDL. This is qualified in the report with a "D2" qualifier.
S2/2	Semivolatile Organic Compounds by Method SW-846 8270D - For all of your samples, the CCV recovery for 2,4-Dinitrophenol was below the control limits, however the average % difference for this analyte meets method criteria. These samples were qualified with a "V7" qualifier. Volatile Organic Compounds by Method SW-846 8260C - For your samples "WW T3" (A&B Lab ID: 12071121.05), "WW T4" (A&B Lab ID: 12071121.06), "WW T10" (A&B Lab ID: 12071121.07), "WW T5" (A&B Lab ID: 12071121.08), "WW T7" (A&B Lab ID: 12071121.09), "WW T9" (A&B Lab ID: 12071121.10), and "WW T8" (A&B Lab ID: 12071121.11) the CCV recovery for Dichlorodifluoromethane, and Styrene was below the control limits, however the average % difference for this analyte meets method criteria. These samples were qualified with a "V7" qualifier. Volatile Organic Compounds by Method SW-846 8260C - For your samples "WW T3" (A&B Lab ID: 12071121.05), "WW T4" (A&B Lab ID: 12071121.06), "WW T10" (A&B Lab ID: 12071121.07), "WW T5" (A&B Lab ID: 12071121.08), "WW T7" (A&B Lab ID: 12071121.09), "WW T9" (A&B Lab ID: 12071121.10), and "WW T8" (A&B Lab ID: 12071121.11) the CCV recovery for Bromochloromethane, and Methylene Chloride was above the control limits, however the target analyte was not detected in the sample. These samples were qualified with a "V1" qualifier.

O = organic analyses;

I = inorganic analyses (and general chemistry, when applicable);

NA = Not applicable;

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