UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
1 Congress Street, Suite 1100
BOSTON, MA 02114-2023

BEEDE WASTE OIL
03.02
SDMS# 256670

Memorandum

Date: October 12, 2006

Subj: Beede Waste Oil Annual Groundwater Monitoring Well Sampling Results – July 2006

To: Project File

From: James Chow, Remedial Project Manager

Attached are analytical results from the July 2006 Beede Waste Oil groundwater monitoring well sampling event. From July 10 - 19, 2006, EPA personnel collected samples using low flow techniques from 63 on- and off-site groundwater monitoring wells. The groundwater samples were analyzed at EPA's Regional Laboratory in North Chelmsford, Massachusetts for volatile organic compounds (VOCs) and natural attenuation parameters consisting of iron, manganese, alkalinity, bromide, chloride, fluoride, nitrate, nitrite, and sulfate. The sampling was conducted as part of a groundwater monitoring well sampling program that is conducted annually each summer.

Also attached are the field data sheets for each of the monitoring wells sampled. Six monitoring wells (WP-4, WP-10, WP-12, WP-14, WP-15, and WP-17) located along the banks of Kelley Brook were under water, and thus, surface water samples were collected at these locations instead. Samples collected from these locations were designated SWWP-4, SWWP-10, SWWP-12, SWWP-14, SWWP-15, and SWWP-17 to reflect that they were surface water samples.

The following table provides a summary of the monitoring wells sampled during this sampling event

SDMS DocID 256670

Beede Waste Oil - July 2006 Groundwater Monitoring Well Sampling

	Well ID	VOCs	Alk	Cl, NO3, SO4	Fe, Mn	Sample Date	EPA Lab Batch/PN No.	EPA Sample ID No.
1	AE-02	X	X	X	X	7/19/2006	6070042	AA63094
2	AE-04	X				7/12/2006	6070021	AA62880
3	AE-11D	X				7/14/2006	6070029	AA62954
4	AE-12	X	X	X	X	7/12/2006	6070021	AA62872
5	AE-14	X	X	X	X	7/18/2006	6070038	AA63053
6	AE-17D	X	X	X	X	7/18/2006	6070038	AA63057
7	AE-18S	X	X	X	X	7/17/2006	6070032	AA62992
8	AE-18D	X	X	X	X	7/17/2006	6070032	AA62991
9	SH-01I	X				7/19/2006	6070042	AA63093
10	SH-01D	X				7/19/2006	6070042	AA63092
11	SH-02S	X	X	X	X	7/14/2006	6070029	AA62955
12	SH-02I	X				7/17/2006	6070032	AA62983
13	SH-02D	X	X	X	X	7/14/2006	6070029	AA62953
14	SH-03S	X	X	X	X	7/12/2006	6070021	AA62875
15	SH-03I	X	X	X	X	7/12/2006	6070021	AA62873
16	SH-03D	X	X	X	X	7/18/2006	6070038	AA63054
17	SH-04S	X	X	X	X	7/12/2006	6070021	AA62880
18	SH-04I	X	X	X	X	7/12/2006	6070021	AA62878
19	SH-04D	X	X	X	X	7/12/2006	6070021	AA62879
20	SH-14S	X				7/17/2006	6070032	AA62984
21	SH-14I	X				7/17/2006	6070032	AA62985
22	SH-14D	X				7/17/2006	6070032	AA62986
23	SH-15S	X	X	X	X	7/17/2006	6070032	AA62982
24	SH-15I	X	X	X	X	7/17/2006	6070032	AA62981
25	SH-15D	X				7/17/2006	6070032	AA62988
26	SH-16S	X				7/13/2006	6070024	AA62909
27	SH-16I	X				7/13/2006	6070024	AA62910
28	SH-16D	X				7/13/2006	6070024	AA62911
29	SH-18D	X				7/14/2006	6070029	AA62957
30	SH-19I	X				7/13/2006	6070024	AA62905
31	SH-19D	X				7/13/2006	6070024	AA62904
32	SH-22S	X	X	X	X	7/10/2006	6070011	AA62645
33	SH-22D	X	X	X	X	7/10/2006	6070011	AA62646
34	SH-22R	X	X	X	X	7/10/2006	6070011	AA62651
35	SH-23S	X	X	X	X	7/10/2006	6070011	AA62649
36	SH-23I	X	X	X	X	7/10/2006	6070011	AA62644
37	SH-23D	X	X	X	X	7/10/2006	6070011	AA62650
38	SH-24S	X				7/11/2006	6070014	AA62682
39	SH-24I	X	X	X	X	7/12/2006	6070021	AA62871
40	SH-24D	X	X	X	X	7/11/2006	6070014	AA62684
41	SH-25S	X	X	X	X	7/11/2006	6070014	AA62683
42	SH-25I	X				7/11/2006	6070014	AA62681
43	SH-25D	X				7/12/2006	6070021	AA62877
44	SH-26S	X				7/17/2006	6070032	AA62987
45	SH-27S	X				7/10/2006	6070011	AA62647
46	SH-28S	X				7/10/2006	6070011	AA62648
47	SH-29S	X				7/10/2006	6070011	AA62643
48	SH-32S	X				7/13/2006	6070024	AA62908
49	SH-32I	X				7/18/2006	6070038	AA63056
50	SH-36S	X				7/13/2006	6070024	AA62906
51	SH-38S	X				7/13/2006	6070024	AA62907
52	SH-40S	X				7/13/2006	6070024	AA62912
53	SH-41S	X				7/14/2006	6070029	AA62951
54	SH-43S	X	X	X	X	7/18/2006	6070038	AA63051
55	SH-44S	X				7/14/2006	6070029	AA62952
56	SH-45S	X				7/18/2006	6070038	AA63055
57	SWWP-04	X				7/12/2006	6070021	AA62876
58	SWWP-10	X				7/17/2006	6070032	AA62990
59	SWWP-12	X				7/17/2006	6070032	AA62989
60	SWWP-14	X				7/14/2006	6070029	AA62959
61	SWWP-15	X				7/14/2006	6070029	AA62958
62	SWWP-17	X				7/10/2006	6070011	AA62642
63	WP-18	X	X	X	X	7/10/2006	6070011	AA62641

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: Region 11

PROJECT NAME: Beede Waste Oil, Plaistow, NH — site # 011T

SAMPLERS: (Signature) [signature] Michelle Drouin, Lisa Trout, Matt Arbanitis

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml VOA vials (VOA)	250 ml plastic Alkalinity	250 ml plastic metals (K)	125 ml plastic pollys, CL			REMARKS / FIELD SAMPLE NUMBER
TR.001	7/10/06	0655		X	TR.001 VOA 1	2	2						TRP01
TR.002	7/10/06	0655		X	TR.002 VOA 2	2	2						TRP02
		1115		X	WP 18	7	4	1	1	1			BWO - WP18
		1240		X	SW WP 17	4	4						BWO - SW WP 17
		1250		X	SH 29 S	5	4						BWO - SH 29 S
		1450		X	SH 23 S	7	4	1	1	1			BWO - SH 23 S
		1603		X	SH 22 S	7	4	1	1	1			BWO - SH 22 S
		1711		X	SH 22 D	7	4	1	1	1			BWO - SH 22 D
		1048		X	SH 27 S	4	4						BWO - SH 27 S
		1233		X	SH 28 S	4	4						BWO - SH 28 S
		1513		X	SH 23 I	7	4	1	1	1			BWO - SH 23 I
		1623		X	SH 23 D	7	4	1	1	1			BWO - SH 23 D
		1833		X	SH 22 R	7	4	1	1	1			BWO - SH 22 R
		1603		X	SH 22 S	7	4	1	1	1			BWO - SH 22 S DUP

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Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-16210

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 06070014

PROJECT NAME: Beede Waste Oil

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	Sample # ~~STATION LOCATION~~	NO. OF CONTAINERS	VOA - 40 ml vial	Metals (Fe, Mn) - 250 ml HDPE	Alkalinity - 250 ml HDPE	NO_3/NO_2, SO_4, Cl - 125 ml HDPE			REMARKS
	07/11/06	0718		X	TRIP03	2	2						trip blank 3
		0720			TRIP04	2	2						trip blank 4
		1103			BWO-SH25I	4	4						
		1115			BWO-SH24S	7 ~~4~~ (1)	4	1	1	1			
		1204			BWO-SH25S	4	4						
		1233			BWO-SH24D	7 ~~4~~ (1)	4	1	1	1			

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	7/11/06 1615				
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Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-16239

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 06070021

PROJECT NAME: Beede Waste Oil Plaistow, NH — Site # 01IT

SAMPLERS: (Signature) [signature] Meredith Decelle, Matt Arbonites, Lisa Tillot

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml VOA (VOA)	250 ml plastic metals (Fe, Mn)	250 ml plastic Alkalinity	125 ml plastic (NO2/NO3, SO4, Cl)			REMARKS: Field sample number
	7/12/06	400		x	TRV VOA 5	2	2						TRIP05
		700		x	MRD VOA 6	2	2						TRIP06
		1130		x	BWO SH2YI	7	4	1	1	1			BWO-SH2YI
		1435		x	BWO AE12	7	4	1	1	1			BWO-AE12
		1612		x	BWO SH3I	7	4	1	1	1			BWO SH3I
		1612		x	BWO SH3I Field dup	7	4	1	1	1			BWO SH3I DUP
		1726		x	BWO SH3S	7	4	1	1	1			BWO SH3S
		1810		x	BWO SW WP4	4	4						BWO SW WP4
		1053		x	BWO SH25D	4	4	~~1~~	~~1~~	~~1~~			BWO SH25D
		1428		x	BWO SH4I	7	4	1	1	1			BWO SH4I
		1548		x	BWO SH4D	7	4	1	1	1			BWO SH4D
		1654		x	BWO SH4S	7	4	1	1	1			BWO SH4S
		1818		x	BWO AE4	4	4						BWO AE4

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1-16248

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 06070024

PROJECT NAME: Peerless Waste Oil Plaistow, NH

SAMPLERS: (Signature) [illegible]

Mark Acheson [illegible] Lisa Tyler

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	40ml VOA Vials (VOAs)						REMARKS: Field Sample Number
~~TRIP01~~	~~7/13/06~~	~~0655~~ 0725		X	TRIP VOA 7	2	2						TRIP 07
~~TRIP02~~	~~7/13/06~~	~~0655~~ 0725		X	TRIP VOA 8	2	2						TRIP 08
		1110		X	SH 19D	4	4						BWO-SH 19D
		1149		X	SH 19 I	4	4						BWO-SH 19 I
		1659		X	SH 36S	4	4						BWO-SH 36S
		1831		X	SH 38S	4	4						BWO-SH 38S
		1208		X	SH 32S	4	4						BWO SH 32S
		1403		X	SH 16S	4	4						BWO-SH 16S
		1448		X	SH 16T	4	4						BWO-SH 16I
		1553		X	SH 16D	4	4						BWO-SH 16D
		1723		X	SH 40S	4	4						BWO-SH 40S

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Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-16242

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 0107029

PROJECT NAME: Superfund * OIIT Brook Waste Oil Providence, RI

SAMPLERS: (Signature) [signature] Martin Deville

LISA TIWOT MATT ARBANITES

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	40 ml VOA vials (VOA)	250 ml plastic Aerobic	250 ml plastic Anaerobic (Fe, Mn)	250 ml plastic Cl, SO4			REMARKS: Field Sample Number
Trip 01	7/14/06	0655		X	Trip VOA 9 pm	2	2						Trip VOA 9 pm
Trip 02		0655		X	Trip VOA 10 am	2	2						Trip VOA 10 am
		1057		X	SH415	4	4						BWO-SH415 ✓
		1022		X	SH445	4	4						BWO-SH445 ✓
		1531		X	SH2D	7	4	1	1	1			BWO-SH2D
		1118		X	BWO AE11D	4	4						BWO-AE11D ✓
		1513		X	SH2S	7	4	1	1	1			BWO-SH2S ✓
		1513		X	(BWO) SH2S - Field duplicate	7	4	1	1	1			BWO-SH2Sdup ✓
		1238		X	SH18D	4	4						BWO-SH18D ✓
		1510		X	SWWP15	4	4						BWO-SWWP15 ✓
		1512		X	SWWP14	4	4						BWO-SWWP14 ✓

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Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-16238

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJECT NAME: Beede Waste Oil site, Plaistow, NH

PROJ. NO.: 06070032

SAMPLERS: (Signature) [illegible] / Brian Hogan / Matt [illegible]

STA. NO.	DATE	TIME	COMP.	GRAB	Sample # ~~STATION LOCATION~~	NO. OF CONTAINERS	VOA - 40 mL glass vial	metals (Fe, Mn) - 250 mL HDPE	Alkalinity - 250 mL HDPE	SO_4, Cl, NO_3, NO_2 - 125 mL HDPE			REMARKS
	7/17/06	0725		X	TRIP 12	2	2						TRIP (VOA) blank
		0725			TRIP ~~13~~ 11 (DEP)	2	2						TRIP (VOA) blank
		1558			BWO-SH15I	7	4	1	1	1			
		1448			BWO-SH15S	7	4	1	1	1			
		1225			BWO-SH2I	~~7~~ 5	4	1	[illegible]	[illegible]			
		1045			BWO-SH14S	4	4						
		1138			BWO-SH14I	4	4						
		1043			BWO-SH14D	4	4						
		1723			BWO-SH26S	4	4						
		1445			BWO-SH15D	4	4						
		1500			BWO-SWWP12	4	4						Surface water sample
		1608			BWO-SWWP10	4	4						Surface water sample
		1725			BWO-AE18D	8	5	1	1	1			incl. MS/MSD for VOA
	✓	1630		✓	BWO-AE18S	7	4	1	1	1			

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[illegible]	7/18/06 0756				
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Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-16240

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 06070038

PROJECT NAME: Beede Waste Oil (Superfund) Plaistow, NH

SAMPLERS: (Signature) [illegible] Hoengel

STA. NO.	DATE	TIME	COMP.	GRAB	Sample # ~~STATION LOCATION~~	NO. OF CONTAINERS	VOA - 40 mL glass vial	Metals (Fe, Mn) - 250 mL HDPE	SO_4, Cl, NO_3, NO_2 - 125 mL HDPE	Alkalinity - 250 mL HDPE			REMARKS
	7/18/06	0710		X	TRIP13	2	2						
		0710			TRIP14	2	2						
		1218			BWO-SH43S	7	4	1	1	1			
		1218			BWO-SH43Sdup	7	4	1	1	1			field duplicate of BWO-SH43S
		1053			BWO-AE14	7	4	1	1	1			
		1352			BWO-SH3D	7	4	1	1	1			
		1120			BWO-SH45S	4	4						
		1518			BWO-SH32I	4	4						
		1520			BWO-AE17D	7	4	1	1	1			

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[illegible]	7/18/06 1640				
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		[illegible]	7/18/06 16:40		

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-16237

ENVIRONMENTAL PROTECTION AGENCY

REGION 1

CHAIN OF CUSTODY RECORD

PROJ. NO.: 06070042

PROJECT NAME: Beede Waste Oil — Superfund Site # 01IT — Plaistow, NH

SAMPLERS: (Signature) [illegible] Matthew [illegible] Kevin Haengel

STA. NO.	DATE	TIME	COMP.	GRAB	Sample # ~~STATION LOCATION~~	NO. OF CONTAINERS	VOA - 40 mL glass vial, HCl	metals (Fe, Mn) - 250 mL HDPE, HNO	Alkalinity - 250 mL HDPE, ice	SO_4, Cl, NO_3, NO_2 - 125 mL HDPE, ice			REMARKS
	7/19/06	0655		X	TRIP 1S	2	2						VOA trip blank
	↓	1103		↓	BWO-SH1D	4	4						
		1058			BWO-SH1I	4	4						
		1225			BWO-AE2	7	4	1	1	1			

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[illegible]	7/19/06 1412				
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Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

1-16216

NHDES Well Sampling Worksheet

Job Name: Beede Waste Oil
Well I.D.: BWO AE2
Sampler(s): D. Graaz K. Hoenger
Date: 7/19/06
Well Depth in ft.: 21.22
Intake set 1.5 ft. From bottom
Screen Length in ft.: 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft.: 17.17 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: partly cloudy low 80's

*pull tubing in well loose and dropped down, Rest re securing tubing to inner casing

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1125	150	14.54	206	11.25	5.72	155.7		17.18	0.01	0.01	2.5	26.50	
1130	150	11.08	141	12.31	5.51	147.8		17.17		0.00	2.5	20.0	
11:35	150	10.95	111	12.36	5.18	166.6		17.18		0.01	2.5	19.6	
1140	150	10.88	103	12.37	5.09	177.7		17.17		0.00	2.5	9.71	
1145	150	10.86	101	12.39	5.15	92.3		17.17			2.5	3.34	
1150	150	10.85	101	12.39	4.83	71.1		17.17			2.5	1.97	
1155	150	10.81	102	12.41	4.70	71.3		17.17			2.5	1.27	
1200	150	10.86	104	12.39	4.71	70.8		17.17			2.5	.98	
1205	150	10.77	105	12.43	4.74	69.8		17.17			2.5	.89	
1210	150	10.82	105	12.41	4.76	67.8		17.17			2.5	.64	
12:15	150	10.79	108	12.42	4.78	66.4		17.17			2.5	.48	
1220	150	10.74	108	12.43	4.81	64.0		17.17			2.5	.47	
1225	150	10.80	109	12.42	4.81	63.2		17.17		0.00	2.5	.40	
	Sample time: 12:25												
	Parameters: VOC's, Fe, Mn, Cl, SO_4, NO_2, NO_3, Alkalinity												
	Total volume: 10L												

Tubing Factors
To purge standing water in tubing:
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO - AE4
Sampler(s): USEPA M. Arcanites L. Thuot
Date: 7/12/06
Well Depth in ft. 26.95
Intake set 2.5 ft. From Bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 21.74'
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: Rain, humid ~80°F

petroleum odor, slight sheen

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				525cc/min	10%	
1735	150	15.43	372	3.19	6.11	-46.6	9.8	21.77	0.03	0.03		6.25	
1745	155	13.14	358	1.05	6.27	-92.7	10.4	21.77				6.10	
1755	145	12.99	347	0.84	6.30	-95.3	10.4	21.77			500cc/min	4.43	
1805	145	13.11	342	0.79	6.31	-96.4	11.1	21.77				~~5.18~~	4.80
1810	140	13.28	343	0.72	6.32	-96.1	11.9	21.77				4.75	
1815	140	13.48	342	0.72	6.33	-94.0	12.6	21.77		0.03		4.88	

Sample time: 1818
Cum. amount purged: 6 liters

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO - AE 11D
Sampler(s): USEPA L. Thurt M. Avanifes
Date: 7/14/06
Well Depth in ft. (no data avail)
Intake set ? ft. From (no data avail.)
Screen Length in ft. 10? (presumed, no data avail.)
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 22.01
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: Sunny + humid ~85°F

Note: purge H_2O has a soapy, "slippery" residue. Faint orange tint in purge H_2O. pH checked with pH paper and reads between 7 and 8

Note: anaerobic smell present; a thin opaque, "murky" film at surface of water in purge bucket. No petroleum sheen noticeable, no petro. odor.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				450cc/min	10%	
9:52	120	17.08	457	2.32	9.17	-53.7	2.3	22.14	0.13	0.13		0.44	
10:00	125	15.47	531	0.68	9.72	-85.6	2.2	22.14				0.49	
10:10	125	15.51	601	0.59	9.90	-87.7	2.3	22.14				0.62	
10:20	125	15.44	654	1.03	10.02	-93.0	3.1	22.14				0.67	
10:30	125	15.57	679	0.93	10.05	-96.1	6.3	22.14				1.46	
10:40	128	15.58	694	0.93	10.12	-96.8	3.3	22.14				0.77	
10:45	130	15.63	701	0.55	10.16	-98.3	4.5	22.14				0.47	
10:50	130	15.49	708	0.54	10.16	-98.0	3.5	22.14				0.49	
10:55	130	15.57	715	0.64	10.17	-98.4	2.7	22.14				0.78	
11:00	128	15.59	719	0.74	10.18	-100.5	2.8	22.14				0.52	
11:05	130	15.59	723	0.95	10.23	-101.6	2.3	22.14		↓		0.59	
11:10	130	15.64	730	0.99	10.25	-104.6	2.8	22.15		0.14		0.57	
11:15	130	15.82	728	0.86	10.28	-103.0	2.0	22.15		0.14		0.67	
Sample time:		11:18	(VOCs)										
Cum. amount purged:		11 Liters											

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede work on
Well I.D. AE-12
Sampler(s): D. Gram
Date: 7/12/06
Well Depth in ft. 27.77
Intake set 2.5 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 18.15 FT Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Cloudy 80's very humid RAIN showers

1435 Sample VOA, metals, SO4, NO2/NO3 Cl alkalinity

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	
1336	135	17.63	186	5.78	5.38	244.1	-589	18.19	0.04	0.04	2.0	2.42	
1340	140	15.55	176	6.37	5.34	210.8	86.5	18.18	0.04	0.04	2.0	2.10	
1355	140	15.09	138	4.00	5.27	230.5	-259	18.19	0.04	0.04	2.0	1.22	
1400	140	15.20	130	3.68	5.25	235.2	-394	18.19	0.04	0.04	2.0	0.96	
1405	140	15.03	124	3.25	5.24	236.6	-200	18.19	0.04	0.04	2.0	0.78	
1410	140	14.95	119	2.89	5.23	236.8	-372	18.19	0.04	0.04	2.0	0.63	
1415	140	14.90	114	2.60	5.23	236.5	-189	18.19	0.04	0.04	2.0	0.61	
1420	135	15.19	109	2.37	5.23	235.8	-487	18.19	0.04	0.04	2.0	0.55	
1425	135	15.17	107	2.27	5.23	230.7	-357	18.19	0.04	0.04	2.0	0.65	
1430	135	15.00	105	2.23	5.24	225.5	-274	18.19	0.04	0.04	2.0	0.62	
1435	135	14.97	103	2.12	5.24	220.8	-195	18.19	0.04	0.04	2.0	0.72	
			total purged =			8.5 liters							

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

USEPA
~~NHDES~~ Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-AE14
Sampler(s): L. Thuot, M. Anbanites
Date: 7/18/06
Well Depth in ft. 29.73
Intake set 5 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 23.05 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Sunny, humid, wind, high ~ 95+ °F

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed 450cc/min	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1015	135	17.94	117	8.67	5.91	121.0	0.3	23.08	0.03	0.03		1.23	
1025	140	13.76	98	8.32	6.72	104.0	1.8	23.08				0.26	
1030	140	13.67	101	8.40	6.61	105.4	1.7	23.08				0.20	
1035	143	13.66	104	8.41	6.60	104.7	1.7	23.08				0.12	
1040	143	13.70	99	8.30	6.62	102.9	1.7	23.08				0.22	
1045	143	13.51	97	8.50	6.67	102.3	1.8	23.08				0.18	
1050	143	13.58	97	8.41	6.67	101.0	1.7	23.08		0.03		0.14	

Sample time: 1053 (VOCs, Fe, Mn, alkalinity, SO_4, Cl, NO_3/NO_2)
cum. vol. purged ≈ 6L

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste oil
Sampler(s): D. Grum K. Hartenger
Well Depth in ft. 51.22
Screen Length in ft. 10 outer
Water Level at Top of PVC or ~~Inner~~ Casing in ft. 14.81 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point outer casing
Weather: Hazy 40°F & Humid, sunny mid 90's inner to low to read

Well I.D. AE17D
Date: 7/18/06
Intake set 5 ft. From Bottom
Depth to screen from MP ____ ft.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
14:40	115	17.31	190	10.12	5.75	152.4		14.85	0.04	0.04	1.5	.60	
14:45	120	14.26	223	11.02	5.21	189.0		14.84		0.03	1.5	.38	
14:50	120	14.04	233	11.08	4.99	208.5		14.85		0.04	1.5	.39	
14:55	115	14.18	241	11.03	5.08	209.2		14.84		0.03	1.5	.32	
15:00	110	14.23	247	11.03	5.14	205.3		14.84		↓	1.5	.29	
15:05	115	14.12	249	11.06	5.16	203.0		14.84		↓	1.5	.28	
15:10	115	13.87	250	11.14	5.16	201.5		14.85		0.04	1.5	.31	
15:15	115	14.07	251	11.07	5.18	199.2		14.84		0.03	1.5	.30	
15:20	120	15.94	251	11.12	5.20	196.8		14.84		0.03	1.5	.27	

Sample time: 15:20
Total Pumped - 4.50 L
Sample number - BW10 - AE17D
Sampled for: VOCs, Alkalinity, Cl⁻, SO_4, NO_2, NO_3, Metals (Fe, Mn)

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name: Beede work o-
Well I.D.: AE 18 S
Sampler(s): D. Grove R. Hoom
Date: 7/17/06
Well Depth in ft.: 29.72
Intake set 5 ft. From Bottom
Screen Length in ft.: 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft.: 16-86
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: High 80's low 90's Sunny HOT Humid

Total volume - 8 L
Sample time 1630 VOAs, Alkalinity, metals, Cl⁻, NO₂, NO₃, SO₄⁻
Very slight petroleum odor

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	16.86	Now	Total		10%	
1530	125	19.00	157	9.62	6.50	-31.5	91	16.89	0.03	0.03		99.9	Some rust particles when starting pump
1535	125	16.98	144	10.11	6.37	-28.0	-209	16.89				16.9	
1540	125	15.64	144	10.57	6.30	-24.6	-375	16.89				12.2	
1545	125	15.27	141	10.68	6.23	-18.6	-543	16.89				2.49	
1550	125	15.05	138	10.76	6.17	-11.4	-767	16.89				0.94	
1555	130	15.08	136	10.70	6.14	-7.6	167	16.89				1.03	
1600	125	14.91	133	10.81	6.12	-0.1	-154	16.89				2.80	
1605	125	14.79	133	10.85	6.13	1.4	339	16.89				0.44	
1610	125	15.36	131	10.63	5.83	21.6	-207	16.89				0.74	
1615	125	14.70	131	10.88	5.81	24.6	-999.9	16.89				0.61	
1620	125	14.96	131	10.76	5.80	26.7	-151	16.89				0.36	
1625	125	14.78	130	10.85	5.83	27.6	-463	16.89				0.54	
1630	125	14.86	136	10.83	5.79	30.4	-207	16.89		0.03		0.25	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name: Beede waste oil
Well I.D.: AE 18D
Sampler(s): R. Lam B. Hogan
Date: 7/17/00
Well Depth in ft.: 55.43
Intake set 5 ft. From bottom
Screen Length in ft.: 10 ft
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft.: 15.28
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: _____

Volume Sampled = 4.5 L
Sample Time: 1725 VOMs, metals, alkalinity, SO4, Cl, NO2, NO3
↳ VIALS

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1650	145	17.92	211	9.95	7.27	4.1	-100.9	15.47	0.22	0.22	2	0.57	
1655	145	14.50	196	10.95	7.25	-105.5	-395	15.48		0.23		0.30	
1700	145	14.39	195	10.98	7.14	-119.5	-359	15.49		0.24		0.19	
1705	145	14.21	195	11.06	7.14	-122.9	-809	15.49		↓		0.26	
1710	145	14.31	194	11.09	7.21	-127.3	-734	15.49				0.21	
1715	145	14.18	194	11.05	7.16	-126.9	-121	15.49				0.23	
1720	145	14.04	194	11.11	7.21	-129.3	-118	15.49		↓		~~0.27~~ 0.20	
1725	145	14.06	193	11.10	7.21	-129.4	-433	15.49		0.24		0.24	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beale water co
Sampler(s): D. Gran Kevin Haengel
Well Depth in ft. 52.99
Screen Length in ft.
Water Level at Top of PVC or Inner Casing in ft. 18.47 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____
Weather: partly cloudy Low 80's

Well I.D. BWO SH 1I
Date: 7/19/00
Intake set ____ ft. From no data
Depth to screen from MP ____ ft.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1023	150	16.49	906	10.58	5.78	287.2		18.54	0.07	0.07	2.5	.67	
10:28	150	11.61	979	12.06	5.18	297.4		18.55		0.08	2.5	.42	
1033	150	11.19	1088	12.21	5.22	286.5		18.55		0.08	2.5	.34	
10:38	160	11.29	1087	12.17	5.25	285.8		18.51		0.04	2.5	.26	
10:43	150	11.27	1088	12.18	5.27	282.6		18.55		0.08	2.25	.25	
1048	150	11.27	1089	12.19	5.28	282.8		18.54		0.07	2.25	.22	
1053	150	11.30	1088	12.16	5.28	285.2		18.54		0.07	2.25	.22	
1058	150	11.24	1089	12.19	5.29	284.5		18.54		0.07	2.25	.25	
		Sample Time: 10:58											
		Amount pumped: 4.5 L											
		Parameters: ~~Metals (Fe, Mn)~~ (LT), VOCs only, ~~Alkalinity~~ (LT)											

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ USEPA Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWD-SH-1D
Sampler(s): L. Thuot, M. Arvanites
Date: 7/19/06
Well Depth in ft. 52.99
Intake set — ft. From (no data avail.)
Screen Length in ft. (data not avail.)
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 16.74'
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: Sunny, high ~ 83°F

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				475 cc/min	10%	
1027	148	13.30	171	5.22	7.33	66.7	1.8	16.96	0.22	0.22		0.26	
1035	150	11.74	143	3.18	7.72	58.4	2.0	16.99		0.25		0.39	
1040	145	11.69	141	2.99	7.90	51.8	2.0	16.99			450 cc/min	0.46	Slowed pump speed slightly
1045	135	11.77	139	2.91	7.73	46.9	2.1	16.99			425 cc/min	0.46	"
1050	135	11.72	139	2.89	7.78	48.3	2.1	16.99				0.50	
1055	135	11.66	139	2.85	7.79	47.0	2.1	16.99				0.58	
1100	135	11.66	138	2.81	7.74	45.8	2.2	16.99		0.25		0.65	
Sample time: 1103 - VOCs only													
cum. volume purged ≅ 5L													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): L. Thuot, M. Arvanites
Well Depth in ft. ? (no data)
Screen Length in ft. 15
Water Level at Top of PVC or Inner Casing in ft. 16.75'
Initial Water Level used for low flow if different than above in ft. _____
Weather: Sunny, humid (moderately) ~85°F

Well I.D. BWO-~~SH2S~~ SH2S
Date: 7/19/06
Intake set 7.5 ft. From bottom
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point Top of inner casing

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				450 cc/min	10%	
1425	140	14.87	34	8.15	6.45	61.3	2.5	16.79	0.04	0.04		0.85	
1435	145	13.22	32	8.90	5.96	80.3	1.8	16.80		0.05		0.53	
1445	142	13.01	32	9.78	5.89	80.5	1.6	16.79		0.04		0.23	
1450	145	13.05	31	10.40	5.73	81.3	1.6	16.79		↓		0.13	
1455	145	13.09	30	10.34	5.77	82.9	1.6	16.79		↓		0.18	
1505	145	12.91	30	10.41	5.85	82.1	1.5	16.79		↓		0.10	
1510	145	12.88	30	10.27	5.80	83.7	1.6	16.79		0.04		0.22	

Sample time: 1513 (VOC's, Fe, Mn, Cl⁻, SO₄) → includes field duplicate sample BWO-SH2S dup.
→ Alkalinity
Cum. amount purged: 7 liters

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede waste oil — Well I.D. SH 2I

Sampler(s): D. Green B. Hogan — Date: 7/17/06

Well Depth in ft. 47.78 — Intake set 5 ft. From bottom

Screen Length in ft. 10 — Depth to screen from MP _____ ft.

Water Level at Top of PVC or Inner Casing in ft. 17.18 — Check here if no inner casing ____

Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____

Weather: Sunny 80's Hazy not hot

slight petroleum odor

Sample time 12:25 (VOCs) + (~~Fe, Mn, Alkalinity, SO_4, Cl, NO_3/NO_2~~) samples lost

Cum. vol. purged ≈ 9L

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1128	145	17.69	246	10.2	6.29	44.4		17.18	0.00	0.00		0.49	
1135	130	13.26	253	11.41	6.28	5.2		17.19	0.01	0.01		0.41	
1140	135	13.47	253	11.32	6.28	1.3		17.18		0.00		0.40	
1145	140	13.48	252	11.33	6.28	-1.0	-999	17.18				0.41	
1150	135	13.39	248	11.36	6.28	0.7	-260	17.18				0.46	
1155	135	13.4	236	11.29	6.26	7.2	-750	17.18				0.41	
1200	140	13.18	226	11.43	6.20	20.3	-230	17.18				0.38	
1205	140	13.18	218	11.44	6.14	31.1	13	17.18				0.39	
1210	140	13.44	214	11.35	6.11	36.3	204	17.18				0.40	
1215	140	13.26	208	11.40	6.09	42.9	-608	17.18				0.37	
1220	135	13.46	210	11.33	6.11	44.0	-488	17.18				0.35	
1225	135	13.6	207	11.29	6.11	44.2	-549	17.18		0.00		0.37	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SH2D
Sampler(s): D Grant, M. Decelle
Date: 7-14-06
Well Depth in ft. 69.42
Intake set 5.46 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 16.16 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: hot, sunny, 80's

Sample Time. 1531
Sampled For. Metals, Alkalinity, Cl, SO4, VOCs
Total Volume Pumped: 12L

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI (Probe not working)	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1420	165	12.54	181	16.20	7.83	192.3		16.93	0.25	0.25	2.0	0.62	
1431	160	12.39	163	2.67	7.55	179.0		16.97		0.29		0.79	
1436	160	12.55	162	1.91	7.60	185.0		16.97		0.29		0.25	
1441	160	12.58	162	1.40	7.66	76.8		16.97		0.29		0.20	
1446	160	12.50	162	1.19	7.69	46.0		17.10		0.42	1.9	0.09	
1451	160	12.53	161	1.01	7.69	22.3		17.0		0.32		0.20	
1456	160	12.50	161	0.93	7.68	10.5		17.0				0.12	
1501	160	12.60	161	0.86	7.69	0.4		17.0				0.20	
1506	160	12.56	161	0.80	7.64	-10.4		17.0				0.12	
1511	160	12.54	161	0.77	7.66	-22.3		17.0				0.11	
1516	160	12.65	161	0.72	7.67	-30.9		17.0				0.18	
1521	160	12.60	161	0.69	7.68	-39.2		17.0				0.20	
1526	160	12.66	161	0.67	7.69	-45.1		17.0				0.10	
1531		12.72	161	0.64	7.69	-47.2		17.0		0.32		0.16	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): M. Derose, D. Gray
Well Depth in ft. 28.56
Screen Length in ft. 15
Water Level at Top of PVC or Inner Casing in ft. 22.47
Initial Water Level used for low flow if different than above in ft. _____

Well I.D. BWO-SH35
Date: 7-12-06
Intake set 2.5 ft. From Bottom
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point _____

Weather: rain, 80's, humid * Air bubble on DO Probe/membrane

Sample Time: 1726

Sampled For: VOCs, Alkalinity, Cl, SO4, NO3, NO2, Metals

Total Volume Pumped 6.0L

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
							* probe not working						
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1641	90	14.77	93	20.21	5.91	232.4		22.50	0.03	0.03	1.5	23.0 ~~9.30~~	no
1646	90	12.09	43	11.64	5.96	231.5		22.50		0.03		28.0	
1651	90	12.05	42	9.72	5.95	233.3		22.50		0.03		4.82	
1656	90	11.85	40	10.03	5.95	235.6		22.5				0.99	
1701	90	11.74	42	12.16	5.94	237.2		22.5				0.98	
1706	85	11.66	42	8.84	5.94	238.0		22.5				0.81	
1712	85	11.82	42	8.48	5.94	240.2		22.5		0.03		0.47	
1716	85	11.91	41	8.70	5.92	241.2		22.51		0.04		0.30	
1721	90	11.65	39	8.82	5.94	242.4		22.51		0.04		0.49	
1726	90	11.62	39	8.56	5.93	243.6		22.51		0.04		0.27	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beaderwork ou
Sampler(s): D.G. M.O.
Well Depth in ft. 54.93
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 24.02
Initial Water Level used for low flow if different than above in ft. _____
Weather: Cloudy, Humid, 80's rain shower

Well I.D. SH 3I
Date: 7/12/06
Intake set 5 ft. From Bottom
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point _____

Sample Time: 1612
Sampled for: VOCs, Alkalinity, SO4, NO2, NO3, metals, Cl-; Duplicate Sample Taken
Total Volume Pumped: 5 L

probe not working

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1532	140	14.89	150	~~5.28~~ 5.28	6.05	235.8		24.1	0.08 no 24.1	0.08 no 24.17	2.0	3.78	
1537	140	11.71	123	4.39	5.76	241.1		24.1	no 24.1	no 0.08 24.17		6.65	
1542	140	11.29	121	3.33	5.73	240.1		24.05	no 24.05	0.03 ~~24.05~~		0.79	
1547	140	11.49	122	2.32	5.73	239.2		24.05	24.05	no 0.03 ~~24.05~~		0.75	
1552	140	11.35	125	1.94	5.74	238.6		24.05		no ~~24.05~~		0.47	
1557	140	11.26	128	1.94	5.77	237.8		24.05		no ~~24.05~~		0.97	
1602	140	11.27	128	2.12	5.78	237.7		24.05		no ~~24.05~~		0.41	
1607	140	11.20	130	1.68	5.79	237.4		24.05		no ~~24.05~~		0.46	
1612	140	11.20	129	2.03	5.79	237.6		24.05		0.03		0.34	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beebe wash 02 — Well I.D. SH 3D
Sampler(s): D. Gray K. Haengel — Date: 7/18/06
Well Depth in ft. 73.58 — Intake set _____ ft. From _____
Screen Length in ft. 10 — Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 23.90 — Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Sunny HOT Humid 90's

total purged = 8 liters
1352 sampled DOH, metals (Fe, Mn) SO4, Cl, NO2, NO3 Alkalinity
* DATA no good!

1152 start pump slow recovery to fill chamber

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
11:57	85	16.04	142	10.22	7.98	78.1	138.9	24.52	0.38	0.38	1	.61	
12:02	75	14.37	148	10.98	6.85	-50.2	1262	24.67		0.77	.8	41.6	
12:14	70	14.65	153	10.97	6.16	-37.9	1865	24.70		0.80	.8	24.1	← 39.1
12:22	70	15.02	158	10.75	6.65	-82.4	1665	24.68		0.78	.8	39.1	← 37.1
12:32	65	14.99	165	10.76	7.78	-91	1917	24.68		0.78	.8	30.9	
12:42	65	15.14	176	10.70	8.44	-21.0		24.67		0.77	.8	22.9	
12:52	65	14.62	176	10.89	8.63	6.7		24.67		0.77	.8	22.7	
13:02	65	14.82	177	10.78	8.66	22.3		24.67		0.77	.8	20.2	
13:12	65	14.41	173	10.95	8.57	34.1		24.72		0.82	.8	19.4	
13:17	65	14.44	176	10.95	8.59	36.1		24.72		0.82	.8	19.0	
1322	65	14.61	177	10.88	8.68	36.0		24.70		0.80	.8	18.2	
1327	65	14.36	175	10.98	8.64	39.6		24.70		0.80	.8	18.3	
1332	65	14.43	173	10.95	8.58	43.4		24.70		0.80	.8	18.4	
1337	65	14.61	172	10.89	8.53	46.6		24.71		0.81	.8	17.5	
1342	65	14.24	169	10.89	8.44	49.7		24.71		0.81	.8	17.3	
1347	65	14.39	167	10.95	8.36	51.9		24.71		0.81	.8	17.4	
1352		14.49	165	10.93	8.26	53.7		24.71		0.81	.8	17.0	17.0

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ USEPA Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SH4S
Sampler(s): L. Thuot, M. Arvanites
Date: 7/12/06
Well Depth in ft. 29.20
Intake set 2.5 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 16.18 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: rainy, humid, ~80°F

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				475 cc/min	10%	
1610	155	13.26	62	8.75	6.62	133.2	14.7	16.19	0.01	0.01		14.0	
1620	155	11.01	53	5.65	5.52	167.4	5.5	16.19				0.36	
1630	157	11.11	57	4.96	5.57	180.8	5.6	16.19				0.31	
1635	155	10.62	58	5.04	5.28	185.3	5.9	16.19				0.52	
1640	155	10.76	59	4.99	5.53	186.9	5.8	16.19				0.63	
1645	155	10.81	59	5.01	5.56	188.0	5.5	16.19				0.43	
1650	157	10.70	59	5.01	5.56	188.8	5.6	16.19		0.01		0.90	
Sample time: 1654 (VOCs, Fe, Mn, SO_4, Cl, NO_3, NO_2)													
Cum volume purged ≈ 17L										alkalinity			

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ USEPA Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SH4I
Sampler(s): L Thuot, M. Avramides
Date: 7/12/06
Well Depth in ft. 54.90'
Intake set 5 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 19.73 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: overcast, ~80°F, humid, light rain.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				450 cc/min	10%	
1327 ~~1307~~ (1)	137	15.31	187	5.76	7.05	140.8	18.4	19.78	0.05	0.05		8.69	
1335	143	11.89	213	1.14	6.41	109.3	38.1	19.77		0.04		~~20.8~~ (2)	20.0
1345	140	11.70	214	0.59	6.63	100.2	11.1	19.77		0.04		6.58	
1355	143	11.48	213	0.49	6.62	93.6	8.6	19.77		0.04		2.77	
1405	145	11.52	213	0.44	6.63	88.0	6.3	19.78		0.05		0.96	
1415 ~~1410~~ (3)	143	11.40	213	0.42	6.60	83.4	6.1	19.77		0.04		0.69	
1420 ~~1415~~ (4)	143	11.45	213	0.39	6.65	80.8	6.3	19.77		0.04		0.77	
1425	145	11.42	212	0.39	6.63	78.6	6.3	19.77		0.04		0.70	
~~1430~~ sample time = 1428 (VOCs, Fe, Mn, Alkalinity, SO_4, Cl, NO_3/NO_2)													
cum. vol. purged = 10 liters													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede
Sampler(s): L Thuot, M. Arvanitis
Well Depth in ft. 73.74
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 19.8'

Well I.D. BWD-SH4D
Date: 7/12/06
Intake set 5 ft. From bottom
Depth to screen from MP _____ ft.
Check here if no inner casing ____

Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____

Weather: rainy, ~80°F, humid

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				480 cc/min	10%	
1450	160	12.47	242	2.67	8.08	107.0	6.4	20.07	0.27	0.27		0.86	
1500	160	11.35	243	0.82	8.91	96.6	7.6	20.10		0.30		2.04	
1510	158	11.57	242	0.56	8.48	-75.3	6.7	20.10		↓		1.80	
1520	157	11.52	241	0.46	8.43	-172.8	6.3	20.10				1.17	
1530	158	11.42	239	0.40	8.36	-187.5	6.1	20.10				1.00	
1535	160	11.29	239	0.40	8.26	-184.5	6.2	20.10				0.72	
1540	157	11.32	236	0.37	8.17	-186.4	6.2	20.10		↓		0.89	
1545	156	11.44	236	0.36	8.13	-184.2	5.9	20.10		0.30		0.86	
Sample time:			1448	(VOCs, Fe + Mn, NO_3/NO_2, SO_4, Cl)									
Cum. level purged: 9.5 liters													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name: Beede waste oil
Well I.D.: SH 14S
Sampler(s): Dan Gatti Bryan Hom
Date: 7/17/08
Well Depth in ft.: 22.41
Intake set 20 ft. From TOP PVC
Screen Length in ft.: 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 16.06 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Sunny 80s HALF HOT HUMID

Sample time 10:45 Very ~~[illegible]~~ (r)
Total Purged 4.5 L

no good!

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	
1013	100	18.7	55	10.8 ~~10.59~~	6.01	229.6	-100	16.08	0.02	0.02		1.29	
1020	100	14.6	37	10.9	5.36	310.5	-270	16.08		0.02		0.89	
1025	105	14.18	35	11.07	5.10	322.6	-860	16.08		↓		0.38	
1030	105	14.07	35	11.12	5.13	318.5	-450	16.08		↓		0.39	
1035	110	14.1	34	11.1	5.16	315.9	-480	16.08		0.02		0.38	
1040	105	13.75	34	11.24	5.16	~~443~~ 315.0	-208	16.06		0.00		0.35	
1045	105	13.83	34	11.2	5.16	314.2	-575	16.06		0.00		0.33	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ USEPA Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BW0-SH14I
Sampler(s): Z. Thuot, M. Arvanites
Date: 7/17/06
Well Depth in ft. 53.93'
Intake set 48.5 ft. From top of PVC
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 16.44'
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: Sunny, hot, humid, high ~95°F

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				425 cc/min	10%	
1059	150	15.27	535	8.42	7.58	-21.4	1.6	16.43	-0.01	-0.01		0.88	
1110	148	12.65	408	0.93	7.99	-44.7	1.4	16.43				0.93	
1115	150	12.69	405	0.80	8.13	-50.2	1.6	16.43				0.46	
1120	147	12.63	406	0.74	8.12	-50.2	1.4	16.43				0.66	
1125	150	12.66	405	0.64	8.12	-50.8	1.5	16.43				0.76	
1130	147	12.68	404	0.67	8.12	-54.2	1.5	16.43				0.63	
1135	150	12.73	403	0.64	8.17	-53.2	1.5	16.43		-0.01		0.78	

Sample time: 1138 (VOCs)
Cum. volume purged ≅ 6L

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): L. Thuot, M. Arvanites
Well Depth in ft. 105.20
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 16.49' Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____
Weather: Sunny, humid, 85°F

Well I.D. BWO SH-14D
Date: 7/17/06
Intake set 100 ft. From top of PVC
Depth to screen from MP ____ ft.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				425cc/min	10%	
1007	120	15.94	1385	7.20	7.24	4.9	2.0	17.26	0.77	0.77	↓	1.19	
1015	104	13.50	1304	1.20	8.01	-35.4	2.2	18.12		1.63	400cc/min	0.26	
1020	84	14.47	1291	0.79	8.35	-26.9	1.6	18.38		1.89	300cc/min	0.20	
1025	83	14.95	1290	0.74	8.43	-23.2	1.6	18.49		2.00		0.18	
1030	83	14.93	1293	0.72	8.51	-17.9	2.6	18.56		2.07		0.26	
1035	84	15.00	1291	0.70	8.48	-17.4	3.0	18.62		2.13		0.18	
1040	84	14.91	1292	0.69	8.59	-16.9	2.4	18.72		2.23	↓	0.19	
Sample time: 1043 (VOC's only)													
Tem. volume purged: 3 liters													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste oil
Well I.D. SH-15S
Sampler(s): L. Thvot, M. Arvanites
Date: 7/17/06
Well Depth in ft. 15.53
Intake set 5 ft. From Bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 5.44 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Sunny, humid, ~90°F

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				525cc/min	10%	
1348	180	21.90	314	3.89	7.52	46.2	1.2	5.46	0.02	0.02		0.56	
1400	183	16.65	310	0.59	7.88	16.1	1.4	5.45		0.01		0.19	
1405	185	16.72	301	0.50	7.92	19.4	1.4	5.45		0.01		0.27	
1410	185	16.76	297	0.49	7.92	23.8	1.5	5.45		0.01		0.19	
1415	185	16.84	290	0.48	7.98	27.4	1.5	5.46		0.02		0.29	
1420	185	16.83	282	0.45	7.99	27.9	1.5	5.46		↓		0.20	
1425	187	16.81	274	0.46	8.13	21.2	1.5	5.46		↓		0.22	
1430	188	16.74	262	0.43	8.13	21.0	1.4	5.46		↓		0.29	
1435	188	16.67	251	0.42	8.12	21.1	1.5	5.46		↓		0.19	
1440	190	16.65	247	0.42	8.08	28.3	1.4	5.46		↓		0.21	
1445	190	16.73	242	0.40	8.08	29.3	1.5	5.46		0.02	↓	0.23	
Sample time: 1448 (VOC's, Mn, Fe, Alkalinity, SO4, Cl, NO3+, NO2)													
Cum. volume purged: 11 Liters													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ (USEPA) Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): L. Thuot M. Arvanites
Well Depth in ft. 51.62
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 5.87 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____
Weather: Sunny, humid, ~90°F

Well I.D. BWO SH-15 I
Date: 7/17/06
Intake set 5 ft. From Bottom
Depth to screen from MP ____ ft.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				525 cc/min	10%	
1508	200	19.79	1744	7.84	7.96	41.2	1.2	5.90	0.03	0.03		0.55	
1515	200	13.84	1373	4.20	8.01	39.3	1.3	5.90				0.18	
1520	200	13.73	1408	4.26	8.09	35.6	1.4	5.90				0.12	
1525	200	13.58	1425	4.34	8.14	32.6	1.4	5.90				~~0.37~~ 0.26	
1530	197	13.49	1479	4.57	8.14	31.4	1.5	5.90				0.09	
1535	198	13.43	1496	4.67	7.84	45.6	1.5	5.90				0.12	
1540	200	13.29	1534	4.79	7.75	48.4	1.4	5.90		0.03		0.12	
1545	200	13.19	1572	5.03	7.72	50.3	1.4	5.91		0.04		0.11	
1550	198	13.16	1578	5.12	7.69	50.2	1.5	5.91		0.04		0.11	
1555	200	13.18	1598	5.26	7.69	50.6	1.5	5.91		0.04		0.10	
sample time: 1558 (VOCs, Fe, Mn, alkalinity, SO_4, Cl, NO_3/NO_2)													
(cum. volumed purged ≅ 1 L)													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede waste oil
Well I.D. SH-15D
Sampler(s): D Gratz & B. Hogan
Date: 7/17/2006
Well Depth in ft. 100.90 feet
Intake set 5 ft. From Bottom
Screen Length in ft.
Depth to screen from MP ft.
Water Level at Top of PVC or Inner Casing in ft. 6.50 feet Check here if no inner casing
Initial Water Level used for low flow if different than above in ft. Measuring point
Weather:

Sample time 1445 VOA only

total purged 3.5 liters

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	6.50				10%	
1359	85	21.43	277	8.83	7.47	165.7	-45.6		0.00	0.00	2	0.88	
1405	85	18.94	255	9.50	7.36	138.2	-39.5	6.92		0.42	2.75	1.10	
1410	60	19.83	251	9.31	7.48	34.1	-20.4	7.05		0.55		0.96	
1415	60	20.10	250	9.16	7.53	-21.9	-154	7.10		0.60		0.70	
1420	65	20.33	249	9.10	7.56	-44	-214	7.14		0.64		1.1	
1425	65	20.0	248	9.19	7.56	-62.1	-266	7.18		0.68		0.56	
1430	65	20.02	248	9.19	7.58	-65.7	-337	7.23		0.73		0.52	
1435	60	19.68	247	9.29	7.56	-67.3	-80	7.23		0.73	2	0.46	
1440	60	19.54	247	9.32	7.56	-69.2	-278	7.25		0.75	2.75	0.59	
1445	60	19.65	246	9.29	7.53	-54.6	-680	7.26		0.76		0.73	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): L. Thurot, M. Avamler
Well Depth in ft. 29.68
Screen Length in ft. (no data avail.)
Water Level at Top of PVC or Inner Casing in ft. 22.37
Initial Water Level used for low flow if different than above in ft. _____
Weather: Overcast, some rain, ~ 75°F

Well I.D. BWO-SH16S
Date: 7/13/06
Intake set _____ ft. From (no data avail.)
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point _____

D.O. calibrated in range but seems to be off

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				575cc/min	10%	
1335	190	12.18	150	9.84	6.42	88.5	1.8	22.39	~~0.00~~ 0.02	0.02		0.30	
1340	180	10.52	144	9.06	6.45	87.8	2.0	22.39				0.29	
1350	180	10.55	155	9.18	6.36	86.1	2.0	22.39				0.14	
1355	182	10.48	160	9.18	6.30	85.7	2.1	22.39				0.16	
1400	182	10.50	159	9.21	6.34	86.5	2.4	22.39		0.02		0.15	

Sample time: 1403 (VOCs)
Cum amount purged: 5 liters

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ USEPA Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SH16I
Sampler(s): L. Thuot, M. Arvanitis
Date: 7/13/06
Well Depth in ft. 51.82
Intake set ? ft. From (no data available)
Screen Length in ft. (no data available)
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 23.29
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: Overcast, mild humidity, ~ 73°F - 75°F

*D.O. appears to be reading accurately/correctly.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO* mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				575 cc/min	10%	
1418	190	12.14	153	3.67	6.92	64.6	~~64.6~~ 1.6	23.37	0.08	0.08		0.27	
1425	190	11.02	136	0.84	7.10	56.8	1.7	23.37				0.26	
1430	190	11.06	133	0.69	7.20	50.1	1.7	23.37				0.32	
1435	188	10.99	133	0.60	7.20	45.9	1.9	23.37				0.34	
1440	188	10.99	134	0.57	7.22	44.7	1.8	23.37				0.19	
1445	190	11.06	134	0.57	7.28	43.3	1.9	23.37		0.08		0.23	
sample time: 1448 (VOCs)													
cum. volume purged ≈ 6L													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): L. Thiot M. Arvanites
Well Depth in ft. 85.03
Screen Length in ft. No data available
Water Level at Top of PVC or Inner Casing in ft. 24.64'
Initial Water Level used for low flow if different than above in ft. _____
Weather: Overcast, slight rain ~70°F

Well I.D. BWO-SH16D
Date: 7/13/06
Intake set _____ ft. From _____
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point _____

PH checked with pH paper and was between 7 and 8

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed		Turb NTU HACH	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%				400cc/min		10%	
1510								25.15	0.51	0.51				Sorte cup filling
1515								25.29		0.65				↓
1519	26	18.26	175	2.97	10.72	-114.6	1.7	25.44		0.80			0.36	
1530	26	17.03	174	2.30	10.67	-109.2	1.7	25.79		1.15			0.32	
1535	26	16.95	173	2.27	10.49	-98.6	1.7	25.89		1.25			0.31	
1540	26	16.86	173	2.20	10.37	-100.4	1.7	25.96		1.32			0.32	
1545	28	16.83	173	2.13	10.15	-90.2	1.7	26.06		1.42			0.31	
1550	26	17.09	173	2.14	10.02	-86.6	1.7	26.17		1.53			0.30	
Sample time: 1553 (VOCs)														
Cum. amount purged: 1 Liter														

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ USEPA Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SH-18D
Sampler(s): L. Thuot, M. Arvanites
Date: 7/14/06
Well Depth in ft. (no data avail.)
Intake set ? ft. From (no data avail.)
Screen Length in ft. 10? (presumed, no data avail.)
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 22.88 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Sunny, mod. humidity, wind, ~85°F

pH of purge H_2O checked w/ pH paper; result was btw. 7 & 8.

Note: purge water contains a soapy "slippery" residue.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				425 cc/min	10%	
1145	130	19.82	106	5.59	8.15	4.6	3.4	23.10	0.22	0.22	↓	0.35	slow
1155	120	16.18	102	3.68	8.61	-17.4	1.6	23.21		0.33	400 cc/min	0.20	slowed pump speed slightly.
1205	120	16.12	103	3.15	8.64	-22.3	1.5	23.23		0.35		0.18	
1215	120	15.87	103	2.96	8.64	-24.4	1.7	23.24		0.36		0.22	
1220	120	15.98	103	2.82	8.62	-24.8	1.7	23.25		0.37		0.25	
1225	120	15.90	103	0.80	8.64	-25.0	1.7	23.25		0.37		0.25	
1230	122	15.76	103	0.89	8.65	-24.1	1.7	23.25		0.37		0.22	
1235	120	15.84	103	1.11	8.69	-24.7	1.6	23.26		0.38	↓	0.20	
Sample time: 1238 (VOCs)													
Cum. Volume purged ≅ 6.0 L													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): M. Delle, J. Greny
Well Depth in ft. 52.90
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. ~~4.70~~ 7.40 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____

Well I.D. BW0-94 PZI
Date: 7-13-06
Intake set 35 ft. From bottom
Depth to screen from MP ____ ft.

Weather: Cloudy, light rain, 70's
Sample Time: 1149
Sampled For: VOA
Total Volume Purged 4 L

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI (not working)	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1119	130	15.10	207	59.33	6.85	1116.5		7.40	0.00	0.00	2.0	0.90	
1124	130	13.23	270	63.01	6.08	189.2		7.40				0.74	
1129	130	13.09	272	44.76	6.05	197.1		7.40				0.23	
1134	130	13.04	268	28.23	6.05	201.2		7.40				0.22	
1139	130	13.05	262	19.38	6.08	203.6		7.40				0.27	
1144	130	13.03	255	15.79	6.10	205.0		7.40				0.24	
1149	130	12.95	253	13.70	6.11	206.8		7.40		0.00		0.18	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Boone Waste Oil
Sampler(s): D. Greene, M. Delerie
Well Depth in ft. 104.36
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 5.42
Initial Water Level used for low flow if different than above in ft. _____
Weather: Rainy, 70's

Well I.D. BWO-SH19D
Date: 7-13-06
Intake set _____ ft. From _____
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point _____

Sample Time: 1110
Sampled For: VOAs
Total Volume Pumped: 4L

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	
1030	110	15.77	162	58.86	7.07	228.3		5.55	0.13	0.13	1.25	0.55	
1035	110	13.91	133	10.09	7.45	189.2		5.55		0.13		0.74	
1040	110	13.87	132	5.20	7.82	152.2		5.55		0.13		0.54	*Changed YSI to bottom
1100 ~~1045~~	110	13.58	132	62.31	7.94	115.7		5.63		0.21		0.28	
1105	110	13.53	132	62.40	8.08	110.8		5.63		0.21		0.21	
1110	110	13.47	132	27.08	8.10	106.6		5.63		0.21	✓	0.43	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): M. Boccello, D. Green
Well Depth in ft. 15.97
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 7.08 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____
Weather: Warm, Sunny, 80's

Well I.D. BWO-MW SH 2 S
Date: 7-10-06
Intake set 5 ft. From bottom
Depth to screen from MP ____ ft.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	*pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	*Pre purge
1523	150	15.18	303	4.74	5.13	280.2		0.01		7.09	2.0	3.67	not reading
1528	155	12.93	285	2.93	4.85	261.8				7.09		0.18	accurately
1533	155	12.97	282	2.18	3.49	307.5				7.09		0.15	
1538	155	12.85	285	1.74	3.31	321.2				7.09		0.15	
1543	155	12.78	282	1.20	3.31	321.7				7.09		0.71	
1548	155	12.64	280	0.91	3.10	334.8				7.09		0.15	
1553	155	12.68	282	0.36	3.33	324.3				7.09		0.12	
1558	155	12.62	281	1.73	3.16	334.5				7.09		0.17	
1603	155	12.62	281	3.74	3.21	332.8		0.01		7.09		0.29	

Sample Time: 1603 ; 1605
Sampled for VOAs, Metals, Chloride, Sulfides, Nitrate
Total Volume Pumped:

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

USEPA

Job Name Beede Waste Oil
Well I.D. BWO - SH22R
Sampler(s): L. Thuot, M. Arvanites
Date: 7/10/06
Well Depth in ft. 158.92
Intake set 11.5 ft. From bottom
Screen Length in ft. 101
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 6.5'
Check here if no inner casing ✓
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: partly sunny, windy, ~85°f

Sample time: 1833 (VOC's, Fe, Mn, NO3, NO2, Alkalinity)
Purge Volume: 13 liters

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1705 ~~1700~~	160	14.02	659	2.76	8.53	-118.8	14.7	6.53	0.03	0.03	450cc/min	3.44	
1710	160	13.39	671	0.62	7.77	-154.5	32.5	6.54		0.04		31.5	
1715	155	13.23	698	0.44	7.67	-143.5	8.7	6.54		0.04		13.5	
1720	157	13.23	701	0.35	7.72	-148.8	6.2	6.56		0.06		6.64	
1725	155	13.36	698	0.32	7.70	-149.0	4.7	6.57		0.07		4.97	
1730	155	13.17	698	0.29	7.67	-148.2	3.9	6.57		0.07		3.73	
1735	155	13.38	697	0.28	7.70	-150.6	5.6	6.57		0.07		4.93	
1740	156	13.27	700	0.28	7.72	-152.4	7.4	6.58		0.08		8.65	
1745	157	13.38	697	0.26	7.74	-154.4	6.7	6.58		0.08		9.41	
1750	158	13.26	697	0.25	7.76	-156.9	12.5	6.59		0.09		14.4	
1755	135	13.41	697	0.26	7.77	-155.5	8.6	6.59			400cc/min	12.4	
1800	133	13.53	698	0.28	7.77	-153.9	6.4	6.59				7.20	
1805	133	13.55	700	0.29	7.77	-154.8	6.6	6.59				7.29	
1810	132	13.80	701	0.29	7.79	-156.0	7.7	6.59		0.09		9.21	
1815	133	13.73	700	0.28	7.79	-156.0	5.8	6.58		0.08		7.53	
1820	133	13.63	703	0.29	7.79	-156.3	6.0	6.59		0.09		6.38	
1825	133	13.53	700	0.28	7.80	-156.6	5.8	6.59				6.57	
1830	130	13.59	699	0.28	7.78	-156.8	5.4	6.59		0.09		5.51	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): M. Doerre, D. Gray
Well Depth in ft. 52.10
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 7.06' Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____
Weather: Warm, Sunny, 80's

Well I.D. BWO-SM-22D
Date: 7.10.06
Intake set 5' ft. From bottom
Depth to screen from MP ____ ft.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1631	150	14.78	552	9.58	5.55	225.1		0.29		7.35	2.0	0.15	
1636	150	12.60	436	7.37	5.31	236.7				7.35		0.28	
1641	~~150~~ 130 ml	12.46	418	6.65	5.00	251.2				7.35		0.35	
1646	130	12.35	416	6.23	4.77	265.8				7.35		0.19	
1651	130	12.30	416	5.31	4.52	278.2				7.35		0.20	
1656	130	12.26	416	4.68	4.42	283.7				7.35		0.12	
1701	130	12.22	415	4.43	4.53	277.8				7.35		0.19	
1706	130	12.30	412	4.18	4.47	280.3				7.35		0.12	
1711	130	12.13	413	3.98	4.45	280.8		0.29		7.35			

Sample Time: 1711
Sampled For: Metals, Alkalinity, Chlorides, Sulfides, Nitrates,
Total Volume Pumped: 8.0 L

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste (Ji)
Sampler(s): M Devero, A. Orenz
Well Depth in ft. _____
Screen Length in ft. _____
Water Level at Top of PVC or Inner Casing in ft. _____ Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 9.22 Measuring point _____
Weather: Warm, Sunny, 80's

Well I.D. BW0-SW02.35
Date: 7-10-04
Intake set _____ ft. From _____
Depth to screen from MP _____ ft.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1419	140	15.14	696	3.63	5.86	173.6		0.00		9.22	20	89.7	
1424	145	13.73	655	2.62	5.24	204.7		0.00		9.22		5.11	
1429	145	13.65	658	2.19	5.03	218.9		0.03		9.25		1.61	
1434	145	13.56	664	2.53	5.14	214.3				9.25		1.66	
1439	145	13.74	649	2.44	5.10	218.5				9.25		0.71	
1444	140	13.68	647	2.42	5.02	224.6				9.25		0.55	
1449	140	13.66	642	2.39	5.21	214.3				9.25		0.52	
1450	145	13.59	642	2.41	5.10	223.4		0.03		9.25		0.39	

Sampling Time 1450
Sampled For: VOAs, Metals, Alkalinity, Chlorides, Sulfide, Nitrates
Total Volume Pumped 7.0 L

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. SH-23I
Sampler(s): USEPA: L. Thuot, M. Arvantes
Date: 7/10/06
Well Depth in ft. 37.81
Intake set ? ft. From ?
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 9.28 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: partly sunny, wind ~ 85°F

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				450 ml/min	10%	
1417	160	13.67	907	2.02	5.96	221.1	1.2	9.45	0.17	0.17		0.70	
1427	160	13.01	945	1.02	5.92	215.0	4.1	9.44		0.16		3.71	
1435	150	13.07	1041	0.77	5.91	162.5	6.5	9.44		0.16		6.78	Fine Particulate in sample
1445	145	12.75	1047	0.63	5.90	151.5	3.5	9.43		0.15		2.42	
1450	150	12.82	1043	0.67	5.91	146.1	3.6	9.43				1.98	
1455	145	12.71	1036	0.64	5.92	142.9	2.4	9.43				1.37	
1500	148	12.73	1039	0.60	5.94	139.9	2.1	9.43				0.78	
1505	150	12.79	1029	0.61	5.95	138.2	1.9	9.43				0.68	
1510	150	12.76	1030	0.57	5.95	137.2	2.0	9.43		0.15		0.73	

Sample time: 1513 (VOCs, Fe, Mn, SO_4, Cl, NO_3/NO_2, alkalinity)

Volume purged = ~8L

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

USEPA
~~NHDES~~ Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. SH-23D
Sampler(s): L. Thuot, M. Arvanites
Date: 7/10/06
Well Depth in ft. ~~37.81~~ 65.52'
Intake set 5 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 9.00'
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: partly sunny, ~85°f, wind

	Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
	Stabilization		3%	3%	10%	0.1	+/- 10	10%				450 cc/min	10%	
1535	~~1435~~	150	14.55	190	2.82	7.56	105.4	2.1	9.32	0.32	0.32		0.75	
1545	~~1445~~	150	12.79	176	0.60	7.62	10.1	1.8	9.36		0.36		0.97	
1550	~~1450~~	150	12.80	175	0.47	7.58	-7.6	1.9	9.36				0.82	
1555	→	148	12.85	175	0.41	7.54	-20.6	2.2	9.36				1.10	
	1600	148	12.85	177	0.36	7.46	-33.8	2.4	9.36				1.31	
	1605	150	12.66	179	0.33	7.40	-46.8	2.1	9.36				0.93	
	1610	150	12.55	179	0.32	7.39	-55.0	2.0	9.36				0.70	
	1615	150	12.67	180	0.31	7.39	-58.0	1.9	9.36				0.65	
	1620	150	12.71	180	0.29	7.40	-62.9	1.8	9.36		0.36		0.57	
	Sample time:				~~1523~~ 1623	(VOCs, Fe, Mn, alkalinity, NO_3/NO_2, SO_4, Cl)								
	Volume purged: ~ 7L													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beach Waste Oil
Well I.D. BWO-SH245
Sampler(s): M. Decelio, A. Lorenz
Date: 7-11-06
Well Depth in ft. 19.74
Intake set _____ ft. From _____
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 12.76 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Cloudy, Warm 80's

Sample Time: 1115 Total Volume Pumped: 8L
Sampled For: VOAs, SO4, Cl, NO2, NO3, Alkalinity, Fe & Mn

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	
1050	195	13.99	1507	10.48	5.11	278.4	1.4	0.14		12.9	2.75	1.87	
1055	195	12.37	1256	10.34	5.06	274.5	1.5	0.06		12.82		0.17	
1100	195	12.47	1136	10.23	5.07	273.0	1.6			12.82		0.31	
1105	195	12.32	1149	10.22	5.06	271.2	1.6			12.82		0.37	
1110	195	12.39	1190	10.36	5.06	272.4	1.6			12.82		0.27	
1115	195	12.27	1223	10.49	5.06	272.4	1.6	0.06		12.82		0.36	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name [illegible] Well I.D. BWO-SH24I
Sampler(s): D. Barr M. Oberlle Date: 7/11/06 7/12/06
Well Depth in ft. 43.86 Ft Intake set 5 ft. From [illegible]
Screen Length in ft. 10 Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 12.75 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: 80's Cloudy, humid, T storms 7/11/06
80's cloudy humid 7/12/06

	Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
	Stabilization	3%	3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	
	1223	140	13.95	388	2.77	5.63	240.0	1.5			12.75	2.2	1.42	
	1228	~~55~~ 140	12.72	409	1.43	5.48	234.3	1.7			12.75			RMW/TSt [illegible] stop
7/12/06	1008	~~140~~ 55	14.11	444	61.58	5.44	+288	-72?	~~8.56~~ 12.78	0.03	0.03 12.78	2.0	8.56	
	1015	55	14.83	432	5.45	5.39	265.9	-21 ??	12.78		0.03 12.78	2.0	9.50	
	1020	90	16.60	430	4.53	5.40	257.3	-464	12.78		0.03 12.78	2.0	13.1	Removed particles stuck in [illegible]
	1025	75	14.92	437	3.55	5.38	250.2	-195	12.78		0.03 12.78	2.0	13.2	
	1030	80	14.25	441	3.05	5.38	245.7	-464	12.78		0.03 12.78	2.0	6.14	
	1035	60	14.43	443	2.90	5.38	242.9	-483	12.78		0.03 12.78	2.0	4.72	
	1040	140	14.99	444	2.78	5.37	241.6	-303	12.77		0.02 12.78	2.0	4.47	removed dirt particles in pump
	1050	140	12.44	445	2.49	5.36	240.4	-355	12.78		0.03	2.0	3.24	
	1055	140	12.49	443	2.34	5.36	240.0	-142	12.78	~~0.00~~	0.03	2.0	1.82	
	1100	80	12.72	440	2.21	5.37	239.8	-203	12.78			2.0	1.75	removed dirt particles in pump
	1105	140	13.79	436	2.39	5.38	239.7	-817	12.78			2.0	1.60	
	1110	140	12.58	434	2.50	5.38	239.8	-373	12.78			2.0	1.20	
	1115	140	12.61	434	2.35	5.38	240.0	-296	12.78			2.0	~~1.28~~ 0.97	
	1120	140	12.60	433	2.20	5.38	240.3	-471	12.78			2.0	0.70	
	1125	140	12.53	431	2.09	5.38	240.6	-109	12.78			2.0	0.77	
	1130		12.59	431	2.04	5.39	240.9	-405	12.78		0.03	2.0	0.50	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

9 liters total purged 1130 stopped

VOA, metals, nutrients, SO4, Cl
BWO-SH24I

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): D. Irons, M. Bruno
Well Depth in ft. ~~43.60~~ 3.11.06 103.75
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 14.97 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____
Weather: Cloudy, warm, 80's, humid

Well I.D. BW20-SH 24D
Date: 7.11.06
Intake set 5 ft. From bottom
Depth to screen from MP ____ ft.

Sample Time: 1233 Total Volume Pumped: 4.0L
Sampled For: VOAs, SO_4, Cl, NO_2, NO_3, metals (Fe, Mn), Alcalinity

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1138	65	18.44	994	6.666	7.19	215.1	7.2	0.83		15.8	2.75 ~~15.8~~	0.47	
1143	45	17.08	810	3.08	7.51	191.3	1.3	1.33		16.3	~~16.3~~ 2.75	0.52	
1148	45	17.43	830	2.39	7.55	181.4	1.2	1.83		16.8	2.5	0.47	
1153	40	19.62	843	2.23	7.58	171.8	1.3	2.13		17.1	2.5	0.22	
1158	40	19.54	854	2.12	7.60	163.1	1.3	2.38		19.35	2.25	0.22	
1203	40	17.90	859	1.98	7.62	159.2	1.1	~~2.90~~ 2.84 (1)		19.81	2.0	0.24	
1208	35	18.22	861	2.00	7.63	156.3	1.1	3.53		18.5	2.0	0.17	
1213	35	18.54	862	2.14	7.62	153.0	1.1	3.58		18.55	2.0	0.23	
1218	35	18.76	861	2.05	7.64	148.1	1.1	3.64		18.61	2.0	~~0.15~~ 0.15	7.11.06
1223	35	18.74	861	2.07	7.64	143.0	1.1	3.78		18.75	2.0	0.13	
1228	35	18.43	861	2.05	7.65	137.9	1.1	4.13		19.1	1.75	0.14	
1233	35	18.42	856	2.03	7.66	135.7	1.1	4.43		19.40	1.75	0.16	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SH25S
Sampler(s): L. Thuot, M. Ar
Date: 7/11/06
Well Depth in ft. 23.79
Intake set 5 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 14.61 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: warm, partly sunny, some rain (intermittent), humid 85°F

Bad probe

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO* mg/l	pH	ORP mv	~~Turb NTU YSI~~	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				425cc/min	10%	
1130	137	13.75	401	16.38	5.41	219.0		14.62	0.01	0.01		~~1.33~~ 0.63	
1140	140	12.57	379	11.09	4.79	246.4		14.63		0.02		0.56	
1145	137	12.26	370	10.83	4.69	260.3		14.62		0.01		0.55	
1150	136	12.18	366	10.66	4.69	266.3		14.62		0.01		0.19	
1155	137	12.24	361	10.60	4.71	269.7		14.62		0.01		0.30	
1200	138	12.33	361	10.56	4.75	272.1		14.63		0.02		0.34	
Sample time: 1204 (VOCs)													
volume purged = ~6L													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

* Note: D.O. meter may not be functioning properly.

NHDES Well Sampling Worksheet

Job Name Beede Waste O,I
Well I.D. BWO-SH25I
Sampler(s): I Thuot, M Arvanites
Date: 7/11/06
Well Depth in ft. 59.63'
Intake set 5 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 16.61' Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Overcast, humid, rain, (intermittent), ~85°F

YSI Sonde turbidity meter NOT operating correctly.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				425 cc/min	10%	
1024	140	13.71	350	6.34	7.9	204.3		16.70'	0.09	0.09		0.49	
1035	140	12.24	256	8.21	5.60	232.8		16.70				0.61	
1045	144	12.47	258	8.09	5.61	227.5		16.70'				~~0.85~~ @ 0.65	
1050	144	12.50	258	8.07	5.69	221.9		16.70'				0.30	
1055	144	12.58	260	8.02	5.76	217.7		16.70'				0.37	
1100	144	12.37	257	8.05	5.80	215.8		16.70'		0.09		0.39	
Sample time: 1103 - VOCs													
Cum. vol. purged = ~6L													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ Well Sampling Worksheet
(USEPA)

Job Name Beede Waste Oil
Sampler(s): L Thuot, M. Aramites
Well Depth in ft. 98.3
Screen Length in ft. 10
Well I.D. BWO-SH-25D
Date: ~~7/11/06~~ 7/12/06
Intake set 5 ft. From bottom
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. ~~20.45~~ 20.29 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: overcast, ~~intermit rain~~ ~ 85°F, partly sunny

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				>250 ml/min	10%	
1010	80	17.26	432	4.93	8.02	233.1	5.7	21.24	0.95	0.95		0.50	
1015	41	17.25	417	3.76	8.44	228.5	5.5	21.71		1.42		0.46	
1020	42	18.20	417	3.73	8.61	225.3	5.7	22.08		1.79		0.51	
1025	38	18.40	416	3.64	8.62	224.5	5.3	22.32		2.03		0.38	
1030	40	18.71	419	3.53	8.78	222.8	5.6	22.65		2.36		0.30	
1035	40	18.97	419	3.50	8.81	221.8	5.3	23.04		2.75		0.30	
1040	46	19.09	420	3.49	8.85	220.5	5.4	23.32		3.03		0.23	
1045	40	18.91	421	3.50	8.88	221.2	5.3	23.63		3.34		0.26	
1050	~~42~~ 44	18.81	422	3.43	8.89	219.9	5.2	24.00		3.71		0.24	
Sample time: 1053 VOCs only													
Total purged: 2 liters													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SH26S
Sampler(s): L. Truot M. Arvanites
Date: 7/17/06
Well Depth in ft. 21.94
Intake set ~2.8 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 15.59'
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: _____

Note: Lost bottom of tubing down well (not secured enough), added new polyeth. tubing to existing piece of sm. dia tubing at top of well.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				500cc/min	10%	
1648	165	13.06	169	2.40	7.98	51.0	1.4	15.61	0.02	0.02		0.46	
1655	166	12.25	156	0.68	8.09	46.2	1.5	15.60		0.01		0.27	
1700	155	12.28	156	0.57	8.07	47.4	1.5	15.60			475cc/min	0.28	Small air bubbles in tubing - pump speed [illegible]
1705	137	12.50	161	0.54	8.07	46.9	1.6	15.60			425cc/min	0.18	
1710	140	12.29	162	0.50	8.09	45.5	1.6	15.60				0.21	
1715	144	12.49	160	0.48	8.09	44.9	1.6	15.60				0.18	
1720	140	12.42	158	0.46	8.11	43.3	1.7	15.60		0.01		0.18	

Sample time: 1723 (VOC's only)
Cum. Volume purged: 6 Liters

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

USEPA
~~NIDES~~ Well Sampling Worksheet

Job Name Beede Waste O.1
Sampler(s): USEPA
Well Depth in ft. 16.84'
Screen Length in ft. 10'
Well I.D. SH-275
Date: 7/10/06
Intake set 4 ft. From bottom
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 8.68' Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: overcast, humid ~ 80°F, partly sunny by noon.

dtw: 8.68' before purge

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1010 ~~1008~~	130	11.92	36	9.47	5.78	273.0	1.3	8.71	~~0.03~~	0.03		.61	
1020	135	11.74	35	8.93	5.21	292.2	1.2	8.72		0.04		.36	
1025	133	11.64	35	8.89	5.27	286.6	1.3	8.72		0.04		.46	
1030	135	11.70	35	8.78	5.31	281.5	1.3	8.71		0.03		.37	
1035	136	11.48	35	8.68	5.30	283.1	1.3	8.71		↓		.32	
1040	137	11.44	35	8.58	5.23	285.6	1.3	8.71		↓		.28	
1045	–	11.50	36	8.50	5.20	287.7	1.2	8.71		0.03		.22	
Sample time 1048 VOCs only													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede
Sampler(s): Lisa Thuot, Matt Arvanites
Well Depth in ft. ~~2.69~~ 11.75
Screen Length in ft. 10.0
Water Level at Top of PVC or Inner Casing in ft. 2.69 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____
Weather: Partly Cloudy, Humid

Well I.D. SH-28S
Date: 7/10/06
Intake set 7 ft. From top PVC
Depth to screen from MP ____ ft.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1130	140	19.37	94	1.88	5.51	246.4	10.2	2.72	0.03	0.03	425cc/min	17.6	
1140	150	19.20	90	1.17	5.46	233.0	6.4	2.71		0.02		9.09	
1150	150	19.29	89	1.07	5.49	210.8	4.2	2.71		0.02		3.54	
1200	150	19.48	89	1.00	5.52	188.7	3.0	2.72		0.03		2.09	
1205	150	19.39	88	0.93	5.53	178.3	2.6	2.72				1.78	
1210	150	19.54	88	0.92	5.55	172.5	2.8	2.72				1.48	
1215	150	19.31	89	0.90	5.55	168.5	2.2	2.72				1.14	
1220	150	19.52	89	0.90	5.57	165.3	2.4	2.72				0.88	
1225	160	19.50	89	0.87	5.56	163.3	1.9	2.72				0.94	
1230		19.53	89	0.88	5.57	161.4	2.0	2.72		0.03		0.91	
Sample @ 1233 for VOCs													
Volume purged: 9m													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Brode Waste Oil
Sampler(s): D. Grant, M. Devine
Well Depth in ft. 11.85
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 1.62'
Initial Water Level used for low flow if different than above in ft. _____
Weather: Warm, Sunny, 80's

Well I.D. BWO-#29 S
Date: 7-10-06
Intake set _____ ft. From _____
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point _____

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%
1205	125	14.66	1836	1.74	5.59	82.6		0.20		1.82	2.0	31.1
1210	125	14.43	2080	0.89	5.47	64.7		0.31		1.93		18.7
1215	125	14.43	2217	0.88	5.34	66.0				1.93		7.23
1220	125	14.37	2355	0.77	5.13	72.9				1.93		2.26
1225	125	14.33	2485	0.76	5.09	70.7				1.93		1.32
1230	125	14.41	2583	0.73	5.04	68.4				1.93		1.45
1235	125	14.57	2653	0.74	4.94	69.4				1.93		0.65
1240	125	14.57	2716	0.78	4.93	66.0				1.93		0.64
1245	125	14.52	2765	0.74	4.89	64.3				1.93		2.72
1250	125	14.62	2805	0.70	4.89	60.3		0.31		1.93		0.41

Sample Time: 1250
Sampled For: VOAs
Total Volume Purged: 7L

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ USEPA Well Sampling Worksheet

Job Name Beede Waste Oil — Well I.D. BWO-SH32S

Sampler(s): L. Thuot, M. Arbaitea — Date: 7/13/06

Well Depth in ft. 18.9 (LT) 25.66' — Intake set ~~2.62 ft. From bottom~~ (LT) no data avail.

Screen Length in ft. 10? (presumed - no data avail.) — Depth to screen from MP _____ ft.

Water Level at Top of PVC or Inner Casing in ft. 19.43 — Check here if no inner casing ____

Initial Water Level used for low flow if different than above in ft. _____ — Measuring point _____

Weather: rainy, humid, ~75°F

*Note: D.O. probe may not be accurate (reading > 10 mg/L & > 100%) Note: D.O. calibration in AM was O.K.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				550 cc/min	10%	
1032	158	12.27	39	10.17	7.00	52.7	45.8	19.43	0.00	0.00		61.1	
1040	160	11.60	36	10.37	7.66	32.3	3.9	19.43				2.47	
1050	163	11.48	34	10.54	7.64	25.2	4.7	19.43				2.49	
1100	162	11.47	33	11.21	7.65	27.1	3.3	19.43				0.82	
1105	162	11.51	33	10.95	7.69	28.4	4.6	19.43				2.49	
1110	165	11.53	33	10.74	7.68	37.8	3.6	19.43				1.37	
1115	165	11.48	33	10.67	7.37	43.6	5.0	19.43		0.00		1.18	
1120	- thick slug of orange-tinted/cloudy floc in flow-thru cell, cleaned out, rinsed.												
1125	160	11.62	31	10.45	8.00	8.6	10.0	19.43		0.00	550 cc/min	14.8	
1130	165	11.40	31	10.47	8.20	5.5	2.7	19.43				0.97	
1135	165	11.47	31	10.53	7.78	19.0	15.8	19.43				20.3	
1140	128	11.62	32	10.43	7.77	20.3	4.3	19.43			450 cc/min	3.19	slowed pump speed
1145	128	11.98	33	10.34	7.88	7.0	2.9	19.43			425 cc/min	1.17	slowed pump speed
1150	118	11.99	32	10.41	7.83	19.1	4.5	19.43				3.37	
1155	118	12.07	33	10.39	7.97	10.6	2.9	19.43				0.95	
1200	118	12.18	33	10.31	7.42	32.5	2.7	19.43				0.52	
1205	118	12.09	33	10.25	7.18	47.7	2.5	19.43		0.00		0.23	
Sample time: 1208 (VOCs)													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Cum. Volume purged = ~15 L

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ USEPA Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SH32I
Sampler(s): L. Thuot, M. Arvanitis
Date: 7/18/06
Well Depth in ft. 53.1
Intake set ~ ft. From (no data avail)
Screen Length in ft. (no data avail)
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 19.85 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Sunny, hot, humid, ~97+°F

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				525 cc/min	10%	
1440	175	15.40	647	11.09	7.29	79.7	2.4	19.87	0.02	0.02		0.73	
1450	175	13.34	190	10.46	7.72	69.8	1.9	19.87		0.02		0.15	
1455	160	13.27	174	10.46	7.67	68.4	2.1	19.87		0.02	500 cc/min	0.22	lowered pump speed slightly
1500	160	13.18	170	10.45	7.62	68.6	2.0	19.86		0.01		0.15	
1505	163	13.33	171	10.38	7.69	67.2	2.3	19.86				0.14	
1510	160	13.14	174	10.47	7.52	66.5	2.3	19.86				0.14	
1515	160	13.25	173	10.46	7.49	65.4	2.1	19.86		0.01		0.18	
sample time: 1518 (VOCs only)													
cum vol. purged ≈ 7L													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Wash O.1
Sampler(s): D. Gray, McDerey
Well Depth in ft. 26.65
Screen Length in ft. No data
Water Level at Top of PVC or Inner Casing in ft. 20.52 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____

Well I.D. BWD - SH 3 65
Date: 7-13-06
Intake set No data ft. From No data
Depth to screen from MP No data ft.

Weather: Warm, Partly cloudy, low 50's
Sample Time: 1659
Sampled For: VOAs,
Total Volume Pumped: 7.5L

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI (probe not working)	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1624	165	11.92	80	8.68	5.44	252.5		20.53	0.01	0.01	2.5	0.22	
1629	160	11.52	63	7.80	5.35	254.4		20.53			2.25	0.32	
1634	160	11.34	62	6.98	5.33	257.2		20.53				0.33	
1639	160	11.33	61	6.57	5.32	260.2		20.53				0.25	
1644	160	11.17	61	6.69	5.32	262.8		20.53				0.34	
1649	160	11.20	50	6.80	5.32	265.8		20.53				0.26	
1654	160	11.30	61	6.74	5.32	268.3		20.53				0.30	
1659	160	11.15	60	6.68	5.32	270.2		20.53	0.01	0.01		0.20	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute int within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): D. Green, M. Devello
Well Depth in ft. 38.16
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 20.49
Initial Water Level used for low flow if different than above in ft. _____

Well I.D. BWO-SH38S
Date: 7.13.06
Intake set _____ ft. From _____
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point _____

Weather: Warm (80°F), Sunny
- bubbles in water stream
Sample Time: 1831
Sampled For: VOAs
Total Volume Pumped. 7.5 L

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	,				10%	
1751	170	21.73	6.2	8.22	5.46	250.9		20.55	0.06	0.06	2.75	2.36	
1756	170	15.24	45	8.05	5.32	253.8		20.55			2.70	4.19	
1801	175	15.05	41	7.87	5.28	260.3		20.55			2.50	3.37	
1806	175	14.64	40	7.96	5.28	265.2		20.55				1.41	
1811	160	14.71	40	11.13	5.29	269.0		20.55				0.48	
1816	160	14.[illegible]	40	7.80	5.29	273.2		20.55				0.38	
1821	160	14.55	40	7.94	5.28	277.0		20.55				0.31	
1826	165	14.52	40	8.05	5.27	280.3		20.55				0.25	
1831	165	14.49	40	8.10	5.27	283.4		20.55		0.06		0.21	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

~~NHDES~~ (USEPA) Well Sampling Worksheet

Job Name Beede Waste Oil. Well I.D. BWO-SH40S
Sampler(s): L. Thuot, M. Avanites Date: 7/13/06
Well Depth in ft. 21.7 Intake set ? ft. From (no data available)
Screen Length in ft. (no data available) Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 15.30' Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Sunny, somewhat humid, ~ 80-85°F

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				550 cc/min	10%	
1647	173	14.88	161	9.21	6.83	75.6	1.5	15.31	0.01	0.01		0.26	
1655	170	13.71	144	8.43	6.81	77.2	1.7	15.43		0.13		0.30	
1700	170	13.78	144	8.63	6.80	75.9	1.9	15.43				0.41	
1705	173	13.61	144	8.71	6.82	76.4	1.8	15.43				0.33	
1710	173	13.64	144	8.70	6.85	74.6	1.9	15.43				0.44	
1715	173	13.63	143	8.75	6.86	74.3	1.8	15.43				0.38	
1720	175	13.62	143	8.74	6.85	73.9	1.8	15.43		0.13		0.26	
sample time: 1723 (VOCs)													
Cum. vol. purged ≅ 6L													

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SH4S
Sampler(s): D. Green, M. Neveu
Date: 7-14-06
Well Depth in ft. 15.74
Intake set 5 ft. From bottom
Screen Length in ft. 10
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 8.60
Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____
Measuring point _____
Weather: hot, sunny, 80's

Sampling Time: 1057
Sampled For: VOCs
Total Volume Pumped: 8 L

Probe not working

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1022	200	19.30	158	10.98	6.50	264.5		8.68	0.07	0.07	2.75	295	
1027	200	15.50	138	11.20	6.18	267.5		8.70		0.09		367	
1032	200	15.61	156	9.92	5.90	275.6		8.70		0.09		1.36	
1037	200	15.49	136	9.36	5.93	268.5		8.70				0.38	
1042	200	15.50	136	9.04	5.98	261.9		8.70				0.56	
1047	200	15.23	136	8.81	6.01	256.8		8.70				0.28	
1052	200	15.26	136	8.69	6.04	253.2		8.70				0.24	
1057	200	15.21	136	8.61	6.05	250.5		8.70		0.09		0.19	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Bee de Waste Oil
Sampler(s): L. Truot M. Avanikes
Well Depth in ft. 20.63
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 13.84 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____
Weather: Sunny, very humid, high ~ 97°F

Well I.D. BWO-SH43S
Date: 7/18/06
Intake set ? ft. From (no data avail)
Depth to screen from MP ____ ft.

Note: Well has moderate to strong petroleum odor, slight sheen at surface

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%				525a/min	10%	
1140	186	15.54	221	2.66	8.45	30.6	1.5	13.85	0.01	0.01		0.66	
1150	185	14.33	205	0.50	9.80	-15.6	1.6	13.86		0.02		0.46	
1155	185	14.37	205	0.41	9.40	-3.2	1.6	13.86				0.31	
1200	185	14.32	204	0.32	9.29	1.6	1.7	13.86				0.31	
1205	185	14.12	204	0.33	9.12	3.6	1.7	13.86				0.41	
1210	188	14.18	204	0.33	9.10	5.7	1.7	13.86				0.42	
1215	184	14.16	204	0.33	9.07	5.8	1.7	13.86		0.02		0.43	
Sample time:		1218		VOCs, Fe, Mn, Alkalinity, SO_4, Cl, NO_3, NO_2 Field duplicate ⇒ BWO-SH43S dup.									
Cum. Volume purged:				8 Liters									

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Deere Waste Oil
Sampler(s): D. Grant, M. Decelo
Well Depth in ft. 22.71
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 15.14 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____

Well I.D. BWO-SH445
Date: 7-14-06
Intake set 3.05 ft. From bottom
Depth to screen from MP ____ ft.

Weather: Warm, sunny, 80's
Lots of iron floc coming up.
Sample Time: 1222 Total Volume Purged: 10L
Samples Taken

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI (now per working)	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1131	225	14.16	158	45.51	6.19	246.5		15.16	0.02	0.02	3.0	378	
1136	235	22.40		9.14	6.23	250.3		15.16		0.02		3.78	
1141	230	21.52	150	8.16	5.71	272.1		15.17		0.03		55.3	
1146	230	12.56	153	7.76	5.68	271.7		15.15		0.01		4.05	
1151	230	12.48	152	7.41	5.66	272.1		15.15		0.01		20.8	Flushed Chamber
1157 ~~1156~~	225	14.20	138	8.74	5.56	277.4		15.17		0.03		19.5	
1202	120	13.22	152	6.81	5.71	270.3		15.16		0.02		1.64	
1207	115	13.86	157	6.46	5.76	269.0		15.16		0.02		0.89	
1212	115	13.89	157	6.43	5.78	268.0		15.16		0.02		0.66	
1217	115	13.87	156	6.47	5.82	267.2		15.17		0.03		0.27	
1222	115	13.83	156	6.43	5.84	266.9		15.17		0.03		0.19	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

* See here report on Friday 7/14/06

Job Name Beede Waste Oil
Well I.D. SH 455
Sampler(s): D. Gram & Haenge
Date: 7/18/06
Well Depth in ft. _____
Intake set _____ ft. From _____
Screen Length in ft. _____
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 11.77 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Sunny, hot & humid 80's

Sample time 1120 VOA, oil

purge volume = 6 liters

* DAMN NO GOOD

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
1030	140	19.0	30	9.78	6.33	237.7	~~-618~~	11.80	0.03	0.03	2	2.30	
1035	140	15.63	25	10.54	5.84	270.0	~~-300~~	11.78		0.01	2	1.80	
1040	145	15.43	24	10.61	5.19	292.5	~~-400~~	11.8		0.03	1.75	.91	
10:45	153	15.27	24	10.66	5.04	295.7	~~-300~~	11.80		0.03	1.75	.61	
10:50	140	15.37	24	10.61	5.09	292.5	~~-999~~	11.78		0.01	1.75	.58	
10:55	140	15.66	24	10.58	5.28	280.3		11.80		0.03	1.75	.43	
11:00	140	15.53	24	10.57	5.45	271.2		11.80		0.03	1.75	.37	
11:05	140	15.54	24	10.57	5.54	266.5		11.78		0.01	1.75	.34	
11:10	140	15.50	24	10.62	5.60	264.0		11.78		0.01	1.75	.34	
11:15	140	15.45	24	10.6	5.62	263.3		11.80		0.03	1.75	.32	
11:20	140	15.50	24	10.22	5.68	258.9		11.80		0.03	1.75	.33	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Sampler(s): D. Grant, M. Decelle
Well Depth in ft. NA
Screen Length in ft. NA
Water Level at Top of PVC or Inner Casing in ft. NA
Initial Water Level used for low flow if different than above in ft. NA
Weather: rainy, 80's, humid
Sample Time: 1810
Sampled For: VOAs

Well I.D. ~~[illegible]~~ MO 7.12.06 BWD-2W-P04
Date: 7.12.06
Intake set NA ft. From NA
Depth to screen from MP NA ft.
Check here if no inner casing NA
Measuring point NA

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet)		Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede waste oil
Well I.D. SW WP10
Sampler(s): D. Gantz
Date: 7/17/06
Well Depth in ft. _____
Intake set _____ ft. From _____
Screen Length in ft. _____
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. _____ Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: low 90's very HT humid

Could not sample well due to beach day flooding
well 6 ft from shore in 1 foot water
1608 sample time VOM's only surface water sample
BWO - SW WP10

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet)		Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede waste oil
Well I.D. SW WP 12
Sampler(s): D. Gunn
Date: 7/17/06
Well Depth in ft. _____
Intake set _____ ft. From _____
Screen Length in ft. _____
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. _____ Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: _____

Surface water same at 1500 VOA only
could not get to well due to high water because of
beaver dams 2 1 Foot water at well

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet)		Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Brake waste oil
Sampler(s): Dan GMM
Well Depth in ft. _____
Screen Length in ft. _____
Water Level at Top of PVC or Inner Casing in ft. _____ Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: _____

Well I.D. SWMP 14
Date: 7/14/06 1512
Intake set _____ ft. From _____
Depth to screen from MP _____ ft.

well is water from bram down; could not sample well or get water elevation from well

sample at 1512 VOA's only

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet)		Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede work on
Well I.D. SW WP 15
Sampler(s): DAN GRANT
Date: 7/14/06 1510
Well Depth in ft. _____
Intake set _____ ft. From _____
Screen Length in ft. _____
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. _____ Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: _____

well in water from beaver dam, could not sample well or get water elevation from well

sampled at 1510 VOA'S ONLY

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI	WL Feet	Draw Down (in feet)		Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. BWO-SWMP 17
Sampler(s): D Gregg, M Devine
Date: 7-10-06
Well Depth in ft. _____
Intake set _____ ft. From _____
Screen Length in ft. _____
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. _____ Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Warm, Sunny, 80's

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI (N/A)	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%					10%	
	Sample Time				1200								
	Sample Fac				VOAs								

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

NHDES Well Sampling Worksheet

Job Name Beede Waste Oil
Well I.D. WP 18
Sampler(s): D. Gray M. Deeth
Date: 7/10/06
Well Depth in ft. 12.06
Intake set <1 ft. From bottom
Screen Length in ft.
Depth to screen from MP 0.80 >> ft.
Water Level at Top of PVC or Inner Casing in ft. 0.80 ft Check here if no inner casing
Initial Water Level used for low flow if different than above in ft. Measuring point
Weather: water level 0.80 from top of inner casing
Very humid 80's overcast

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU YSI (No good probe)	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Turb NTU HACH	
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		10%	
1035	160	23.75	145	6.57	8.95	-7.8					2.75	4.79	
1045	160	16.61	230	1.09	6.35	56.9						5.75	
1050	160	16.03	228	0.68	5.57	113.7						1.10	
1055	160	15.91	226	0.62	5.63	111.7						0.74	
1100	160	15.82	224	0.62	5.65	110.3						0.49	
1105	160	15.95	223	0.59	5.70	108.3						0.38	
1110	160	15.85	222	0.58	5.62	113.6						0.40	
1115	160	15.81	221	0.57	5.68	111.6						0.36	
	Sample Time: 1115												
	Sampled For: VOCs, Metals, Alkalinity, Sulfide, Chloride, Nitrates												
	Total Volume Purged: 7.0 L												

Tubing Factors
To purge standing water in tubing
1/8" ID height in feet x 2.41 = ml needed
1/4" ID height in feet x 9.64 = ml needed

Stabilization = when 3 consecutive readings, taken at 3 - 5 minute intervals, are within the stabilization limits listed above.

NR = No Reading

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 20, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070011
Project: Beede Waste Oil - Plaistow, NH
Analysis: VOAs in Water
Analyst: Joseph Montanaro 7/20/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-VOAGCMS8.

Samples were analyzed by GC/MS. Samples were introduced to the GC via a Tekmar pre-concentrator and an Archon autosampler. The analysis SOP is based on US EPA Method 8260B, SW-846, Rev 2.0,1996. Method 624, 40CFR Part 136 Appendix A, July 1, 1992, and USEPA CLP SOW for Organic Analysis OLM04.2, 1999.

Date Samples Received by the Laboratory: 7/11/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau
Chemistry Team Leader

7/25/06

Qualifiers: RL = Reporting limit
ND = Not Detected above Reporting limit
NA = Not Applicable due to high sample dilutions or sample interferences
NC = Not calculated since analyte concentration is ND.
J = Estimated value
E = Estimated value exceeds the calibration range
L = Estimated value is below the calibration range
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 01	Lab Sample ID:	AA62639
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	102	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 02	Lab Sample ID:	AA62640
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	94	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-WP18	Lab Sample ID:	AA62641
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	97	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SWWP17	Lab Sample ID:	AA62642
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	98	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	100	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH29S	Lab Sample ID:	AA62643
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	99	74 - 136
Toluene-D8	92	85 - 118
1,4-Bromofluorobenzene	102	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH23S	Lab Sample ID:	AA62644
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	**1.8**	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	101	74 - 136
Toluene-D8	99	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH22S	Lab Sample ID:	AA62645
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	103	74 - 136
Toluene-D8	97	85 - 118
1,4-Bromofluorobenzene	97	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for SVOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5.0 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	6

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	105	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	95	78 - 111

Comments: Laboratory blank is associated with samples AA62641 lab duplicate study, AA62651 and AA62652.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH22D	Lab Sample ID:	AA62646
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	99	85 - 118
1,4-Bromofluorobenzene	97	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH27S	Lab Sample ID:	AA62647
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH28S	Lab Sample ID:	AA62648
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	108	74 - 136
Toluene-D8	94	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH23I	Lab Sample ID:	AA62649
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	**1.7**	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	106	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	101	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH23D	Lab Sample ID:	AA62650
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	**1.0**	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**11**	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	103	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	97	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5.0 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	6

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	96	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments: Laboratory blank is associated with samples AA62639 - AA62650.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH22R	Lab Sample ID:	AA62651
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	113	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	106	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH22S DUP	Lab Sample ID:	AA62652
Date of Collection:	7/10/2006	Matrix	Water
Date of Extraction:	7/11/06	Volume Purged:	5 mL
Date of Analysis:	7/11/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	116	74 - 136
Toluene-D8	103	85 - 118
1,4-Bromofluorobenzene	102	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

VOA MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Beede Waste Oil - Plaistow, NH

Sample ID: AA62645

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	ND	19	95	67 - 129
1,1,1-Trichloroethane	20	ND	24	122	75 - 139
1,1,2,2-Tetrachloroethane	20	ND	21	104	50 - 142
1,1,2-Trichloro-1,2,2-Trifluoro	20	ND	20	100	55 - 135
1,1,2-Trichloroethane	20	ND	22	108	62 - 142
1,1-Dichloroethylene	20	ND	23	114	80 - 138
1,1-Dichloropropene	20	ND	23	117	73 - 131
1,1-dichloroethane	20	ND	25	123	61 - 152
1,2,3-Trichlorobenzene	20	ND	16	79	49 - 143
1,2,3-Trichloropropane	20	ND	23	112	53 - 135
1,2,4-Trichlorobenzene	20	ND	20	98	63 - 131
1,2,4-Trimethylbenzene	20	ND	23	116	79 - 142
1,2-Dibromo-3-Chloropropane	20	ND	21	103	28 - 122
1,2-Dibromoethane	20	ND	19	97	53 - 139
1,2-Dichlorobenzene	20	ND	21	106	74 - 129
1,2-Dichloroethane	20	ND	22	110	61 - 142
1,2-Dichloropropane	20	ND	22	110	71 - 126
1,3,5-Trimethylbenzene	20	ND	24	118	77 - 140
1,3-Dichlorobenzene	20	ND	20	101	78 - 127
1,3-Dichloropropane	20	ND	22	108	63 - 130
1,4-Dichlorobenzene	20	ND	21	103	72 - 131
2,2-Dichloropropane	20	ND	24	120	50 - 139
2-Butanone (MEK)	20	ND	21	106	29 - 163
2-Chlorotoluene	20	ND	21	104	74 - 134
2-Hexanone	20	ND	19	97	36 - 141
2-Propanone (acetone)	20	ND	16	82	29 - 164
4-Chlorotoluene	20	ND	23	116	68 - 141
4-Methyl-2-Pentanone(MIBK)	20	ND	21	106	35 - 139
Acrylonitrile	20	ND	24	121	42 - 150
Benzene	20	ND	24	118	78 - 134
Bromobenzene	20	ND	19	93	76 - 126
Bromochloromethane	20	ND	21	102	62 - 140
Bromodichloromethane	20	ND	19	94	62 - 133
Bromoform	20	ND	16	78	31 - 133
Bromomethane	20	ND	21	107	58 - 148
Carbon Disulfide	20	ND	22	108	66 - 135
Carbon tetrachloride	20	ND	19	96	62 - 146
Chlorobenzene	20	ND	24	118	74 - 139
Chloroethane	20	ND	24	121	65 - 145
Chloroform	20	ND	23	115	60 - 144
Chloromethane	20	ND	22	108	58 - 134
Dibromochloromethane	20	ND	17	85	34 - 140
Dibromomethane	20	ND	22	110	67 - 125

Dichlorodifluoromethane	20	ND	16	82	30 - 132
Ethyl Ether	20	ND	28	138	58 - 145
Ethylbenzene	20	ND	24	120	73 - 143
Hexachlorobutadiene	20	ND	16	80	56 - 144
Isopropylbenzene	20	ND	23	112	73 - 139
M/P Xylene	40	ND	48	120	79 - 136
Methyl-t-Butyl Ether	20	ND	25	126	50 - 144
Methylene Chloride	20	ND	26	130	70 - 144
N-Butylbenzene	20	ND	20	100	68 - 143
N-Propylbenzene	20	ND	24	119	72 - 149
Naphthalene	20	ND	18	88	33 - 154
Ortho Xylene	20	ND	23	114	80 - 129
Para-Isopropyltoluene	20	ND	21	104	71 - 140
Sec-Butylbenzene	20	ND	25	124	75 - 148
Styrene	20	ND	22	110	61 - 148
Tert-Butylbenzene	20	ND	22	109	71 - 139
Tetrachloroethylene	20	ND	19	93	45 - 145
Tetrahydrofuran	20	ND	27	136	37 - 143
Toluene	20	ND	24	122	77 - 142
Trans-1,2-Dichloroethylene	20	ND	24	120	79 - 139
Trichloroethylene	20	ND	21	106	65 - 143
Trichlorofluoromethane	20	ND	24	118	58 - 161
Vinyl Acetate	20	ND	21	104	22 - 173
Vinyl Chloride	20	ND	22	112	68 - 139
c-1,3-dichloropropene	20	ND	22	110	51 - 144
cis-1,2-Dichloroethylene	20	ND	24	118	59 - 154
t-1,3-Dichloropropene	20	ND	19	95	47 - 145

Comments:

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION ug/L	MSD % REC	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	20	18	88	7	40
1,1,1-Trichloroethane	20	23	116	5	16
1,1,2,2-Tetrachloroethane	20	20	101	3	40
1,1,2-Trichloro-1,2,2-Trif	20	19	97	3	40
1,1,2-Trichloroethane	20	21	105	3	40
1,1-Dichloroethylene	20	22	110	4	35
1,1-Dichloropropene	20	22	112	4	40
1,1-dichloroethane	20	25	125	2	40
1,2,3-Trichlorobenzene	20	16	82	4	40
1,2,3-Trichloropropane	20	19	94	18	40
1,2,4-Trichlorobenzene	20	16	80	20	40
1,2,4-Trimethylbenzene	20	20	100	15	40
1,2-Dibromo-3-Chloropro	20	19	95	8	40
1,2-Dibromoethane	20	20	99	2	40
1,2-Dichlorobenzene	20	18	92	15	40
1,2-Dichloroethane	20	22	108	2	23
1,2-Dichloropropane	20	21	104	6	40
1,3,5-Trimethylbenzene	20	21	103	14	40
1,3-Dichlorobenzene	20	19	95	7	40
1,3-Dichloropropane	20	23	115	6	40
1,4-Dichlorobenzene	20	19	97	6	21
2,2-Dichloropropane	20	21	104	14	40
2-Butanone (MEK)	20	18	90	17	40
2-Chlorotoluene	20	19	97	7	40
2-Hexanone	20	17	86	12	40
2-Propanone (acetone)	20	16	82	0	40
4-Chlorotoluene	20	20	98	17	40
4-Methyl-2-Pentanone(M	20	22	108	2	40
Acrylonitrile	20	25	122	1	40
Benzene	20	23	116	2	14
Bromobenzene	20	18	89	4	40
Bromochloromethane	20	21	105	3	40
Bromodichloromethane	20	19	96	2	21
Bromoform	20	17	83	6	40
Bromomethane	20	21	103	4	40
Carbon Disulfide	20	21	104	4	40
Carbon tetrachloride	20	19	93	3	19
Chlorobenzene	20	23	116	2	40
Chloroethane	20	24	122	1	40
Chloroform	20	23	112	3	16
Chloromethane	20	21	102	6	40
Dibromochloromethane	20	17	85	0	36
Dibromomethane	20	22	108	2	40
Dichlorodifluoromethane	20	17	84	2	40
Ethyl Ether	20	24	122	12	40
Ethylbenzene	20	24	118	2	40
Hexachlorobutadiene	20	12	61	26	40
Isopropylbenzene	20	20	102	9	40
M/P Xylene	40	45	112	7	40
Methyl-t-Butyl Ether	20	24	120	5	40
Methylene Chloride	20	24	122	6	40
N-Butylbenzene	20	18	91	9	40

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

Sample ID: AA62641

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
1,1,1,2-Tetrachloroethane	ND	ND	ND	30
1,1,1-Trichloroethane	ND	ND	ND	30
1,1,2,2-Tetrachloroethane	ND	ND	ND	30
1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	ND	ND	30
1,1,2-Trichloroethane	ND	ND	ND	30
1,1-Dichloroethylene	ND	ND	ND	30
1,1-Dichloropropene	ND	ND	ND	30
1,1-dichloroethane	ND	ND	ND	30
1,2,3-Trichlorobenzene	ND	ND	ND	30
1,2,3-Trichloropropane	ND	ND	ND	30
1,2,4-Trichlorobenzene	ND	ND	ND	30
1,2,4-Trimethylbenzene	ND	ND	ND	30
1,2-Dibromo-3-Chloropropane	ND	ND	ND	30
1,2-Dibromoethane	ND	ND	ND	30
1,2-Dichlorobenzene	ND	ND	ND	30
1,2-Dichloroethane	ND	ND	ND	30
1,2-Dichloropropane	ND	ND	ND	30
1,3,5-Trimethylbenzene	ND	ND	ND	30
1,3-Dichlorobenzene	ND	ND	ND	30
1,3-Dichloropropane	ND	ND	ND	30
1,4-Dichlorobenzene	ND	ND	ND	30
2,2-Dichloropropane	ND	ND	ND	30
2-Butanone (MEK)	ND	ND	ND	30
2-Chlorotoluene	ND	ND	ND	30
2-Hexanone	ND	ND	ND	30
2-Propanone (acetone)	ND	ND	ND	30
4-Chlorotoluene	ND	ND	ND	30
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	30
Acrylonitrile	ND	ND	ND	30
Benzene	ND	ND	ND	30
Bromobenzene	ND	ND	ND	30
Bromochloromethane	ND	ND	ND	30
Bromodichloromethane	ND	ND	ND	30
Bromoform	ND	ND	ND	30
Bromomethane	ND	ND	ND	30
Carbon Disulfide	ND	ND	ND	30
Carbon tetrachloride	ND	ND	ND	30
Chlorobenzene	ND	ND	ND	30
Chloroethane	ND	ND	ND	30
Chloroform	ND	ND	ND	30
Chloromethane	ND	ND	ND	30
Dibromochloromethane	ND	ND	ND	30
Dibromomethane	ND	ND	ND	30
Dichlorodifluoromethane	ND	ND	ND	30
Ethyl Ether	ND	ND	ND	30
Ethylbenzene	ND	ND	ND	30
Hexachlorobutadiene	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	30
M/P Xylene	ND	ND	ND	30

Methyl-t-Butyl Ether	ND	ND	ND	30
Methylene Chloride	ND	ND	ND	30
N-Butylbenzene	ND	ND	ND	30
N-Propylbenzene	ND	ND	ND	30
Naphthalene	ND	ND	ND	30
Ortho Xylene	ND	ND	ND	30
Para-Isopropyltoluene	ND	ND	ND	30
Sec-Butylbenzene	ND	ND	ND	30
Styrene	ND	ND	ND	30
Tert-Butylbenzene	ND	ND	ND	30
Tetrachloroethylene	ND	ND	ND	30
Tetrahydrofuran	ND	ND	ND	30
Toluene	ND	ND	ND	30
Trans-1,2-Dichloroethylene	ND	ND	ND	30
Trichloroethylene	ND	ND	ND	30
Trichlorofluoromethane	ND	ND	ND	30
Vinyl Acetate	ND	ND	ND	30
Vinyl Chloride	ND	ND	ND	30
c-1,3-dichloropropene	ND	ND	ND	30
cis-1,2-Dichloroethylene	ND	ND	ND	30
t-1,3-Dichloropropene	ND	ND	ND	30

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY FORTIFIED BLANK (LFB) AND DUPLICATE (LFB Dup) RECOVERY

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED ug/mL	LFB CONCENTRATION ug/mL	LFB RECOVERY %	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	19	95	79 - 136
1,1,1-Trichloroethane	20	25	125	75 - 146
1,1,2,2-Tetrachloroethane	20	19	95	62 - 141
1,1,2-Trichloro-1,2,2-Trifluoroeth	20	20	100	56 - 130
1,1,2-Trichloroethane	20	19	95	75 - 138
1,1-Dichloroethylene	20	23	115	75 - 136
1,1-Dichloropropene	20	21	105	77 - 137
1,1-dichloroethane	20	24	120	76 - 142
1,2,3-Trichlorobenzene	20	17	85	64 - 143
1,2,3-Trichloropropane	20	19	95	66 - 133
1,2,4-Trichlorobenzene	20	15	75	80 - 131
1,2,4-Trimethylbenzene	20	19	95	74 - 155
1,2-Dibromo-3-Chloropropane	20	15	75	37 - 139
1,2-Dibromoethane	20	18	90	72 - 135
1,2-Dichlorobenzene	20	16	80	85 - 128
1,2-Dichloroethane	20	21	105	74 - 138
1,2-Dichloropropane	20	20	100	83 - 124
1,3,5-Trimethylbenzene	20	19	95	80 - 145
1,3-Dichlorobenzene	20	16	80	84 - 130
1,3-Dichloropropane	20	20	100	77 - 129
1,4-Dichlorobenzene	20	16	80	82 - 128
2,2-Dichloropropane	20	25	125	32 - 171
2-Butanone (MEK)	20	19	95	38 - 179
2-Chlorotoluene	20	18	90	78 - 134
2-Hexanone	20	18	90	45 - 158
2-Propanone (acetone)	20	22	110	14 - 209
4-Chlorotoluene	20	19	95	75 - 144
4-Methyl-2-Pentanone(MIBK)	20	18	90	40 - 144
Acrylonitrile	20	21	105	52 - 154
Benzene	20	21	105	83 - 130
Bromobenzene	20	18	90	85 - 126
Bromochloromethane	20	20	100	69 - 137
Bromodichloromethane	20	21	105	70 - 143
Bromoform	20	19	95	51 - 136
Bromomethane	20	19	95	65 - 140
Carbon Disulfide	20	23	115	68 - 140
Carbon tetrachloride	20	20	100	70 - 144
Chlorobenzene	20	22	110	84 - 131
Chloroethane	20	22	110	70 - 134
Chloroform	20	22	110	76 - 141
Chloromethane	20	19	95	63 - 123
Dibromochloromethane	20	18	90	39 - 154
Dibromomethane	20	20	100	79 - 124
Dichlorodifluoromethane	20	17	85	37 - 117
Ethyl Ether	20	22	110	67 - 140
Ethylbenzene	40	22	55	81 - 133
Hexachlorobutadiene	20	14	70	68 - 146
Isopropylbenzene	20	19	95	78 - 137
M/P Xylene	20	44	220	68 - 155

Methyl-t-Butyl Ether	20	22	110	63 - 144
Methylene Chloride	20	23	115	75 - 140
N-Butylbenzene	20	16	80	69 - 147
N-Propylbenzene	20	20	100	76 - 138
Naphthalene	20	17	85	53 - 155
Ortho Xylene	20	21	105	85 - 135
Para-Isopropyltoluene	20	18	90	77 - 141
Sec-Butylbenzene	20	20	100	80 - 141
Styrene	20	21	105	82 - 139
Tert-Butylbenzene	20	19	95	75 - 144
Tetrachloroethylene	20	19	95	32 - 173
Tetrahydrofuran	20	24	120	47 - 149
Toluene	20	22	110	85 - 134
Trans-1,2-Dichloroethylene	20	23	115	80 - 138
Trichloroethylene	20	20	100	76 - 135
Trichlorofluoromethane	20	21	105	60 - 149
Vinyl Acetate	20	20	100	38 - 187
Vinyl Chloride	20	21	105	66 - 133
c-1,3-dichloropropene	20	21	105	68 - 149
cis-1,2-Dichloroethylene	20	23	115	76 - 143
t-1,3-Dichloropropene	20	20	100	62 - 160

COMPOUND	LFB Dup CONCENTRATION ug/L	LFB Dup RECOVERY %	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	18	90	6	40
1,1,1-Trichloroethane	24	120	4	16
1,1,2,2-Tetrachloroethane	19	94	1	40
1,1,2-Trichloro-1,2,2-Trifluo	20	101	1	40
1,1,2-Trichloroethane	20	99	4	40
1,1-Dichloroethylene	23	116	1	35
1,1-Dichloropropene	23	117	11	40
1,1-dichloroethane	25	124	3	40
1,2,3-Trichlorobenzene	18	88	4	40
1,2,3-Trichloropropane	25	123	25	40
1,2,4-Trichlorobenzene	18	88	16	40
1,2,4-Trimethylbenzene	24	121	24	40
1,2-Dibromo-3-Chloropropa	18	92	20	40
1,2-Dibromoethane	20	98	9	40
1,2-Dichlorobenzene	22	111	33	40
1,2-Dichloroethane	22	111	5	23
1,2-Dichloropropane	21	106	6	40
1,3,5-Trimethylbenzene	23	117	20	40
1,3-Dichlorobenzene	19	97	19	40
1,3-Dichloropropane	21	107	7	40
1,4-Dichlorobenzene	22	111	32	21
2,2-Dichloropropane	21	107	16	40
2-Butanone (MEK)	24	122	25	40
2-Chlorotoluene	20	101	11	40
2-Hexanone	22	108	18	40
2-Propanone (acetone)	25	126	13	40
4-Chlorotoluene	24	118	22	40
4-Methyl-2-Pentanone(MIB	21	106	16	40
Acrylonitrile	24	120	13	40
Benzene	23	115	9	14
Bromobenzene	18	91	1	40
Bromochloromethane	20	100	0	40
Bromodichloromethane	18	92	14	21
Bromoform	15	74	26	40
Bromomethane	21	103	8	40
Carbon Disulfide	21	105	10	40
Carbon tetrachloride	19	95	5	19
Chlorobenzene	23	117	6	40
Chloroethane	24	121	10	40
Chloroform	24	119	7	16
Chloromethane	21	104	9	40
Dibromochloromethane	18	88	3	36
Dibromomethane	20	100	0	40
Dichlorodifluoromethane	17	86	1	40
Ethyl Ether	26	129	16	40
Ethylbenzene	23	57	4	40
Hexachlorobutadiene	17	83	17	40
Isopropylbenzene	24	120	23	40
M/P Xylene	46	230	4	40
Methyl-t-Butyl Ether	25	123	11	40
Methylene Chloride	25	126	9	40
N-Butylbenzene	19	97	19	40
N-Propylbenzene	25	125	22	40
Naphthalene	21	105	21	40
Ortho Xylene	22	108	3	40
Para-Isopropyltoluene	22	108	18	40
Sec-Butylbenzene	24	119	17	40

Styrene	21	107	1	40
Tert-Butylbenzene	22	110	14	40
Tetrachloroethylene	23	113	17	40
Tetrahydrofuran	29	143	17	40
Toluene	24	121	9	40
Trans-1,2-Dichloroethylene	23	115	0	40
Trichloroethylene	21	104	4	22
Trichlorofluoromethane	22	112	6	40
Vinyl Acetate	21	103	3	40
Vinyl Chloride	22	109	4	19
c-1,3-dichloropropene	20	101	4	40
cis-1,2-Dichloroethylene	24	121	5	40
t-1,3-Dichloropropene	19	94	7	40

Samples in Batch: AA62639, AA62640, AA62641, AA62642, AA62643, AA62644, AA62645, AA62646, AA62647, AA62648, AA62649, AA62650, AA62651, AA62652

Comments:

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

July 20, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070011
Project: Beede Waste Oil - Plaistow, NH
Analysis: Alkalinity
Analyst: Inna Germansderfer 7 6 7/25/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, INGALKCARB0.SOP.

Analysis was performed by ESAT contractors working at the EPA New England Laboratory.

Date Samples Received by the Laboratory: 07/11/2006

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 7/31/06

Daniel N. Boudreau
Chemistry Team Leader

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Alkalinity

Date of Collection: 07/10/2006
Matrix: Water

Sample Number	Lab ID	Analysis	Concentration mg/L	RL mg/L	Qualifier
BWO-WP18	AA62641	07/11/2006	**24**	20	
Comments					
BWO-SH23S	AA62644	07/11/2006	**44**	20	
Comments					
Blank		07/11/2006	ND	20	
Comments					
BWO-SH22S	AA62645	07/11/2006	**8.0**	0.7	
Comments					
BWO-SH22D	AA62646	07/11/2006	**28**	20	
Comments					
BWO-SH23I	AA62649	07/11/2006	**52**	20	
Comments					
BWO-SH23D	AA62650	07/11/2006	**40**	20	
Comments					
BWO-SH22R	AA62651	07/11/2006	**42**	20	
Comments					
BWO-SH22S D	AA62652	07/11/2006	**8.0**	0.7	
Comments					
Blank		07/11/2006	ND	0.5	
Comments					

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

SAMPLE ID	PARAMETER	SAMPLE RESULT mg/L	SAMPLE DUPE RESULT mg/L	PRECISION RPD %	QC LIMITS (%RPD)
AA62644	Alkalinity	44	44	0	15
AA62645	Alkalinity	8.0	9.3	15.0	15

Comments:

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 19, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070011
Project: Beede Waste Oil - Plaistow, NH
Analysis: Ion Chromatography Anions
Analyst: Inna Germansderfer IG 7/21/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGDXIC9.

The analysis was performed using either a Dionex DX320 or DX120 Ion Chromatograph.

Date Samples Received by the Laboratory: 7/11/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/14/06
Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL = Reporting limit
ND = Not Detected above reporting limit
NA = Not Applicable
NC = Not calculated since analyte concentration is ND
J1 = Estimated value due to MS recovery outside accceptance criteria
J2 = Estimated value due to LFB result outside acceptance criteria
J3 = Estimated value due to RPD result outside acceptance criteria
J4 = Estimated value due to LCS result outside acceptance criteria
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-WP18	Lab Sample ID:	AA62641
Date of Collection:	07/10/2006 11:15	Matrix	Water
Date of Analysis:	07/11/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**40**	0.10	
	Nitrate	**11**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**8.2**	0.50	

Comments: Sample was collected 7.10.06 and was run 7.11.06 on ICS2000 IC

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**2.5**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	**ND**	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH23S	Lab Sample ID:	AA62644
Date of Collection:	07/10/2006 14:50	Matrix	Water
Date of Analysis:	07/11/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**140**	1.00	
	Nitrate	**12**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**34**	0.50	

Comments: Sample was run without dilution 7.11.06 and rerun 7.12.06 with 10 x dilution for chloride only. Data from both runs were used for report
Sample was collected 7.10.06 and was run 7.11.06 on ICS2000 IC

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**2.7**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH22S	Lab Sample ID:	AA62645
Date of Collection:	07/10/2006 16:03	Matrix	Water
Date of Analysis:	07/11/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**72**	0.10	
	Nitrate	**2.1**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**11**	0.50	

Comments: Sample was collected 7.10.06 and was run 7.11.06 on ICS2000 IC

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**0.47**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH22D	Lab Sample ID:	AA62646
Date of Collection:	07/10/2006 17:11	Matrix	Water
Date of Analysis:	07/11/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**90**	0.10	
	Nitrate	**10**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**21**	0.50	

Comments: Sample was collected 7.10.06 and was run 7.11.06 on ICS2000 IC

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**2.3**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH23I	Lab Sample ID:	AA62649
Date of Collection:	07/10/2006 15:13	Matrix	Water
Date of Analysis:	07/11/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**290**	1.0	
	Nitrate	**10**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**25**	0.50	

Comments: Sample was run without dilution 7.11.06 and rerun 7.12.06 with 10 x dilution for chloride only. Data from both runs were used for report
Sample was collected 7.10.06 and was run 7.11.06 on ICS2000 IC

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**2.3**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH23D	Lab Sample ID:	AA62650
Date of Collection:	07/10/2006 16:23	Matrix	Water
Date of Analysis:	07/11/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**18**	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**21**	0.50	

Comments: Sample was collected 7.10.06 and was run 7.11.06 on ICS2000 IC

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH22R	Lab Sample ID:	AA62651
Date of Collection:	07/10/2006 18:33	Matrix	Water
Date of Analysis:	07/11/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**190**	1.00	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**19**	0.50	

Comments: Sample was run without dilution 7.11.06 and rerun 7.12.06 with 10 x dilution for chloride only. Data from both runs were used for report
Sample was collected 7.10.06 and was run 7.11.06 on ICS2000 IC

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH22S DUP	Lab Sample ID:	AA62652
Date of Collection:	07/10/2006 16:03	Matrix	Water
Date of Analysis:	07/11/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**72**	0.10	
	Nitrate	**2.0**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**11**	0.50	

Comments: Sample was collected 7.10.06 and was run 7.11.06 on ICS2000 IC

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**0.45**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Analysis:	07/11/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	ND	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	ND	0.10	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MATRIX SPIKE (MS) RESULTS

Beede Waste Oil - Plaistow, NH

Sample ID: AA62641

PARAMETER	SPIKE ADDED mg/L	SAMPLE CONCENTRATION mg/L	MS CONCENTRATION mg/L	MS % REC	QC LIMITS (% REC)
Chloride	1.5	40	44	0	80 - 120
Nitrate	5.0	11	15.3	97	80 - 120
Nitrite	5.0	ND	ND	0	80 - 120
Sulfate	7.5	8.2	14.5	90	80 - 120

Comments: In the spike sample chloride and nitrite came as one peak due to the high concentration of chloride and low, compare to chloride ,concentration of nitrite. % recovery for nitrite is not calculated.

Read the zero in MS recovery as an R qualifier.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

Sample ID: AA62641

PARAMETER	SAMPLE RESULT mg/L	SAMPLE DUPLICATE RESULT mg/L	PRECISION RPD %	QC LIMITS
Chloride	40	40	0.00	20
Nitrate	11	11	0.00	20
Nitrite	ND	ND	ND	20
Sulfate	8.2	8.5	3.6	20

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

Beede Waste Oil - Plaistow, NH

PARAMETER	LFB AMOUNT SPIKED mg/L	LFB RESULT mg/L	LFB RECOVERY %	QC LIMITS %
Chloride	1.5	1.4	93	90 - 110
Nitrate	5	4.8	96	90 - 110
Nitrite	5	4.7	94	90 - 110
Sulfate	7.5	7.2	96	90 - 110

Comments:

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology Drive
N. Chelmsford, MA 01863

Project Number: 06070011
Project: Beede Waste Oil - Plaistow, NH
Analysis: Total Recoverable Metals in Water by ICP
EPA Chemist: Mike Dowling
MD 8/14/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGICP6.

Samples were analyzed by inductively coupled plasma - atomic emission spectrometry using pneumatic nebulization. Preparation and analysis SOP's are based on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Revision 2, Final Update III, 3010A and 6010B," respectively.

Date Samples Received by the Laboratory: 7/11/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions, please call me at 617-918-8340.

Sincerely,

Daniel N Boudreau 8/14/06
Daniel N Boudreau
Chemistry Laboratory Services Coordinator

Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside accceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

The samples were prepared and analyzed by ESAT contractors.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-WP18	Lab Sample ID:	AA62641
Date of Collection:	7/10/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH23S	Lab Sample ID:	AA62644
Date of Collection:	7/10/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH22S	Lab Sample ID:	AA62645
Date of Collection:	7/10/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	**28**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH22D	Lab Sample ID:	AA62646
Date of Collection:	7/10/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH23I	Lab Sample ID:	AA62649
Date of Collection:	7/10/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**680**	100	
7439-96-5	Manganese	**240**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH23D	Lab Sample ID:	AA62650
Date of Collection:	7/10/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**270**	100	
7439-96-5	Manganese	**450**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH22R	Lab Sample ID:	AA62651
Date of Collection:	7/10/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**1100**	100	
7439-96-5	Manganese	**120**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH22S DUP	Lab Sample ID:	AA62652
Date of Collection:	7/10/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	**29**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Reagent Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Sample ID: AA62651

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
Iron	500	1100	1560	92	75 - 125
Manganese	500	120	595	95	75 - 125

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Sample ID: AA62650

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
Iron	270	270	0	20
Manganese	450	450	0	20

Comments:

Laboratory Fortified Blank (LFB) Results

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Iron	500	481	96	85 - 115
Manganese	500	471	94	85 - 115

Comments:

Samples in Batch: AA62641, AA62644, AA62645, AA62646, AA62649, AA62650, AA62651, AA62652

EPA
Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 20, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070014
Project: Beede Waste Oil - Plaistow, NH
Analysis: VOAs in Water
Analyst: Joseph Montanaro

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-VOAGCMS8.

Samples were analyzed by GC/MS. Samples were introduced to the GC via a Tekmar pre-concentrator and an Archon autosampler. The analysis SOP is based on US EPA Method 8260B, SW-846, Rev 2.0,1996. Method 624, 40CFR Part 136 Appendix A, July 1, 1992, and USEPA CLP SOW for Organic Analysis OLM04.2, 1999.

Date Samples Received by the Laboratory: 7/11/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers: RL = Reporting limit
ND = Not Detected above Reporting limit
NA = Not Applicable due to high sample dilutions or sample interferences
NC = Not calculated since analyte concentration is ND.
J = Estimated value
E = Estimated value exceeds the calibration range
L = Estimated value is below the calibration range
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP03	Lab Sample ID:	AA62679
Date of Collection:	7/11/2006	Matrix	Water
Date of Extraction:	7/12/06	Volume Purged:	5 mL
Date of Analysis:	7/12/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	98	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP04	Lab Sample ID:	AA62680
Date of Collection:	7/11/2006	Matrix	Water
Date of Extraction:	7/12/06	Volume Purged:	5 mL
Date of Analysis:	7/12/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	100	74 - 136
Toluene-D8	94	85 - 118
1,4-Bromofluorobenzene	92	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH25I	Lab Sample ID:	AA62681
Date of Collection:	7/11/2006	Matrix	Water
Date of Extraction:	7/12/06	Volume Purged:	5 mL
Date of Analysis:	7/12/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	105	74 - 136
Toluene-D8	97	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/12/06	Volume Purged:	5.0 mL
Date of Analysis:	7/12/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	6

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	95	74 - 136
Toluene-D8	95	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments: Laboratory blank applies to all samples in this project.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH24S	Lab Sample ID:	AA62682
Date of Collection:	7/11/2006	Matrix	Water
Date of Extraction:	7/12/06	Volume Purged:	5 mL
Date of Analysis:	7/12/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	108	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH25S	Lab Sample ID:	AA62683
Date of Collection:	7/11/2006	Matrix	Water
Date of Extraction:	7/12/06	Volume Purged:	5 mL
Date of Analysis:	7/12/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	**1.4**	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	99	85 - 118
1,4-Bromofluorobenzene	97	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH24D	Lab Sample ID:	AA62684
Date of Collection:	7/11/2006	Matrix	Water
Date of Extraction:	7/12/06	Volume Purged:	5 mL
Date of Analysis:	7/12/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	96	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

VOA MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Beede Waste Oil - Plaistow, NH

Sample ID: AA62681

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	ND	22	108	67 - 129
1,1,1-Trichloroethane	20	ND	20	102	75 - 139
1,1,2,2-Tetrachloroethane	20	ND	21	107	50 - 142
1,1,2-Trichloro-1,2,2-Trifluoro	20	ND	17	84	55 - 135
1,1,2-Trichloroethane	20	ND	21	104	62 - 142
1,1-Dichloroethylene	20	ND	21	102	80 - 138
1,1-Dichloropropene	20	ND	20	99	73 - 131
1,1-dichloroethane	20	ND	20	98	61 - 152
1,2,3-Trichlorobenzene	20	ND	20	99	49 - 143
1,2,3-Trichloropropane	20	ND	17	87	53 - 135
1,2,4-Trichlorobenzene	20	ND	19	95	63 - 131
1,2,4-Trimethylbenzene	20	ND	21	102	79 - 142
1,2-Dibromo-3-Chloropropane	20	ND	15	75	28 - 122
1,2-Dibromoethane	20	ND	21	106	53 - 139
1,2-Dichlorobenzene	20	ND	20	98	74 - 129
1,2-Dichloroethane	20	ND	20	101	61 - 142
1,2-Dichloropropane	20	ND	19	97	71 - 126
1,3,5-Trimethylbenzene	20	ND	20	100	77 - 140
1,3-Dichlorobenzene	20	ND	19	97	78 - 127
1,3-Dichloropropane	20	ND	22	110	63 - 130
1,4-Dichlorobenzene	20	ND	19	95	72 - 131
2,2-Dichloropropane	20	ND	21	102	50 - 139
2-Butanone (MEK)	20	ND	23	113	29 - 163
2-Chlorotoluene	20	ND	21	102	74 - 134
2-Hexanone	20	ND	22	108	36 - 141
2-Propanone (acetone)	20	ND	23	113	29 - 164
4-Chlorotoluene	20	ND	20	98	68 - 141
4-Methyl-2-Pentanone(MIBK)	20	ND	21	102	35 - 139
Acrylonitrile	20	ND	22	108	42 - 150
Benzene	20	ND	20	99	78 - 134
Bromobenzene	20	ND	21	103	76 - 126
Bromochloromethane	20	ND	21	104	62 - 140
Bromodichloromethane	20	ND	22	110	62 - 133
Bromoform	20	ND	20	98	31 - 133
Bromomethane	20	ND	14	72	58 - 148
Carbon Disulfide	20	ND	20	98	66 - 135
Carbon tetrachloride	20	ND	18	92	62 - 146
Chlorobenzene	20	ND	21	105	74 - 139
Chloroethane	20	ND	19	94	65 - 145
Chloroform	20	ND	20	100	60 - 144
Chloromethane	20	ND	18	90	58 - 134
Dibromochloromethane	20	ND	18	92	34 - 140
Dibromomethane	20	ND	22	108	67 - 125

Dichlorodifluoromethane	20	ND	14	72	30 - 132
Ethyl Ether	20	ND	22	109	58 - 145
Ethylbenzene	20	ND	21	103	73 - 143
Hexachlorobutadiene	20	ND	21	104	56 - 144
Isopropylbenzene	20	ND	18	91	73 - 139
M/P Xylene	40	ND	43	107	79 - 136
Methyl-t-Butyl Ether	20	ND	21	104	50 - 144
Methylene Chloride	20	ND	21	102	70 - 144
N-Butylbenzene	20	ND	20	99	68 - 143
N-Propylbenzene	20	ND	20	98	72 - 149
Naphthalene	20	ND	18	89	33 - 154
Ortho Xylene	20	ND	21	106	80 - 129
Para-Isopropyltoluene	20	ND	18	92	71 - 140
Sec-Butylbenzene	20	ND	20	99	75 - 148
Styrene	20	ND	20	100	61 - 148
Tert-Butylbenzene	20	ND	20	100	71 - 139
Tetrachloroethylene	20	ND	18	92	45 - 145
Tetrahydrofuran	20	ND	19	96	37 - 143
Toluene	20	ND	20	100	77 - 142
Trans-1,2-Dichloroethylene	20	ND	19	97	79 - 139
Trichloroethylene	20	ND	21	106	65 - 143
Trichlorofluoromethane	20	ND	19	95	58 - 161
Vinyl Acetate	20	ND	19	96	22 - 173
Vinyl Chloride	20	ND	19	93	68 - 139
c-1,3-dichloropropene	20	ND	21	103	51 - 144
cis-1,2-Dichloroethylene	20	ND	20	102	59 - 154
t-1,3-Dichloropropene	20	ND	23	115	47 - 145

Comments:

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION ug/L	MSD % REC	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	20	20	98	10	40
1,1,1-Trichloroethane	20	19	97	6	16
1,1,2,2-Tetrachloroethane	20	20	102	5	40
1,1,2-Trichloro-1,2,2-Trif	20	18	88	5	40
1,1,2-Trichloroethane	20	20	102	2	40
1,1-Dichloroethylene	20	20	100	2	35
1,1-Dichloropropene	20	19	96	3	40
1,1-dichloroethane	20	19	94	5	40
1,2,3-Trichlorobenzene	20	19	95	4	40
1,2,3-Trichloropropane	20	17	84	4	40
1,2,4-Trichlorobenzene	20	18	92	4	40
1,2,4-Trimethylbenzene	20	20	99	3	40
1,2-Dibromo-3-Chloropro	20	18	89	18	40
1,2-Dibromoethane	20	20	100	6	40
1,2-Dichlorobenzene	20	19	96	2	40
1,2-Dichloroethane	20	20	98	4	23
1,2-Dichloropropane	20	20	101	4	40
1,3,5-Trimethylbenzene	20	19	96	5	40
1,3-Dichlorobenzene	20	20	99	2	40
1,3-Dichloropropane	20	21	103	7	40
1,4-Dichlorobenzene	20	19	97	2	21
2,2-Dichloropropane	20	20	100	2	40
2-Butanone (MEK)	20	16	80	35	40
2-Chlorotoluene	20	19	97	5	40
2-Hexanone	20	18	88	21	40
2-Propanone (acetone)	20	16	82	32	40
4-Chlorotoluene	20	19	95	4	40
4-Methyl-2-Pentanone(M	20	16	82	22	40
Acrylonitrile	20	18	88	20	40
Benzene	20	19	93	6	14
Bromobenzene	20	20	99	4	40
Bromochloromethane	20	21	103	1	40
Bromodichloromethane	20	21	104	6	21
Bromoform	20	18	90	8	40
Bromomethane	20	16	80	11	40
Carbon Disulfide	20	16	81	19	40
Carbon tetrachloride	20	18	89	3	19
Chlorobenzene	20	21	103	2	40
Chloroethane	20	17	87	8	40
Chloroform	20	19	97	3	16
Chloromethane	20	17	84	7	40
Dibromochloromethane	20	18	89	4	36
Dibromomethane	20	20	100	8	40
Dichlorodifluoromethane	20	12	60	18	40
Ethyl Ether	20	17	83	28	40
Ethylbenzene	20	20	102	1	40
Hexachlorobutadiene	20	20	102	2	40
Isopropylbenzene	20	18	90	1	40
M/P Xylene	40	42	105	2	40
Methyl-t-Butyl Ether	20	17	86	20	40
Methylene Chloride	20	19	94	9	40
N-Butylbenzene	20	19	95	4	40

N-Propylbenzene	20	19	94	4	40
Naphthalene	20	18	90	1	40
Ortho Xylene	20	21	104	2	40
Para-Isopropyltoluene	20	19	93	1	40
Sec-Butylbenzene	20	19	95	4	40
Styrene	20	20	99	1	40
Tert-Butylbenzene	20	19	93	7	40
Tetrachloroethylene	20	17	85	9	40
Tetrahydrofuran	20	14	70	32	40
Toluene	20	20	98	2	40
Trans-1,2-Dichloroethyle	20	20	101	4	40
Trichloroethylene	20	20	99	7	22
Trichlorofluoromethane	20	17	83	13	40
Vinyl Acetate	20	17	85	13	40
Vinyl Chloride	20	17	83	11	19
c-1,3-dichloropropene	20	20	100	3	40
cis-1,2-Dichloroethylene	20	20	100	2	40
t-1,3-Dichloropropene	20	22	108	6	40

Comments:

Samples in Batch: AA62679, AA62680, AA62681, AA62682, AA62683, AA62684

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

Sample ID: AA62682

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
1,1,1,2-Tetrachloroethane	ND	ND	ND	30
1,1,1-Trichloroethane	ND	ND	ND	30
1,1,2,2-Tetrachloroethane	ND	ND	ND	30
1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	ND	ND	30
1,1,2-Trichloroethane	ND	ND	ND	30
1,1-Dichloroethylene	ND	ND	ND	30
1,1-Dichloropropene	ND	ND	ND	30
1,1-dichloroethane	ND	ND	ND	30
1,2,3-Trichlorobenzene	ND	ND	ND	30
1,2,3-Trichloropropane	ND	ND	ND	30
1,2,4-Trichlorobenzene	ND	ND	ND	30
1,2,4-Trimethylbenzene	ND	ND	ND	30
1,2-Dibromo-3-Chloropropane	ND	ND	ND	30
1,2-Dibromoethane	ND	ND	ND	30
1,2-Dichlorobenzene	ND	ND	ND	30
1,2-Dichloroethane	ND	ND	ND	30
1,2-Dichloropropane	ND	ND	ND	30
1,3,5-Trimethylbenzene	ND	ND	ND	30
1,3-Dichlorobenzene	ND	ND	ND	30
1,3-Dichloropropane	ND	ND	ND	30
1,4-Dichlorobenzene	ND	ND	ND	30
2,2-Dichloropropane	ND	ND	ND	30
2-Butanone (MEK)	ND	ND	ND	30
2-Chlorotoluene	ND	ND	ND	30
2-Hexanone	ND	ND	ND	30
2-Propanone (acetone)	ND	ND	ND	30
4-Chlorotoluene	ND	ND	ND	30
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	30
Acrylonitrile	ND	ND	ND	30
Benzene	ND	ND	ND	30
Bromobenzene	ND	ND	ND	30
Bromochloromethane	ND	ND	ND	30
Bromodichloromethane	ND	ND	ND	30
Bromoform	ND	ND	ND	30
Bromomethane	ND	ND	ND	30
Carbon Disulfide	ND	ND	ND	30
Carbon tetrachloride	ND	ND	ND	30
Chlorobenzene	ND	ND	ND	30
Chloroethane	ND	ND	ND	30
Chloroform	ND	ND	ND	30
Chloromethane	ND	ND	ND	30
Dibromochloromethane	ND	ND	ND	30
Dibromomethane	ND	ND	ND	30
Dichlorodifluoromethane	ND	ND	ND	30
Ethyl Ether	ND	ND	ND	30
Ethylbenzene	ND	ND	ND	30
Hexachlorobutadiene	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	30
M/P Xylene	ND	ND	ND	30

Methyl-t-Butyl Ether	ND	ND	ND	30
Methylene Chloride	ND	ND	ND	30
N-Butylbenzene	ND	ND	ND	30
N-Propylbenzene	ND	ND	ND	30
Naphthalene	ND	ND	ND	30
Ortho Xylene	ND	ND	ND	30
Para-Isopropyltoluene	ND	ND	ND	30
Sec-Butylbenzene	ND	ND	ND	30
Styrene	ND	ND	ND	30
Tert-Butylbenzene	ND	ND	ND	30
Tetrachloroethylene	ND	ND	ND	30
Tetrahydrofuran	ND	ND	ND	30
Toluene	ND	ND	ND	30
Trans-1,2-Dichloroethylene	ND	ND	ND	30
Trichloroethylene	ND	ND	ND	30
Trichlorofluoromethane	ND	ND	ND	30
Vinyl Acetate	ND	ND	ND	30
Vinyl Chloride	ND	ND	ND	30
c-1,3-dichloropropene	ND	ND	ND	30
cis-1,2-Dichloroethylene	ND	ND	ND	30
t-1,3-Dichloropropene	ND	ND	ND	30

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY FORTIFIED BLANK (LFB) AND DUPLICATE (LFB Dup) RECOVERY

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED ug/mL	LFB CONCENTRATION ug/mL	LFB RECOVERY %	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	21	105	79 - 136
1,1,1-Trichloroethane	20	20	100	75 - 146
1,1,2,2-Tetrachloroethane	20	21	105	62 - 141
1,1,2-Trichloro-1,2,2-Trifluoroeth	20	18	90	56 - 130
1,1,2-Trichloroethane	20	22	110	75 - 138
1,1-Dichloroethylene	20	19	95	75 - 136
1,1-Dichloropropene	20	22	110	77 - 137
1,1-dichloroethane	20	19	95	76 - 142
1,2,3-Trichlorobenzene	20	21	105	64 - 143
1,2,3-Trichloropropane	20	17	85	66 - 133
1,2,4-Trichlorobenzene	20	20	100	80 - 131
1,2,4-Trimethylbenzene	20	21	105	74 - 155
1,2-Dibromo-3-Chloropropane	20	15	75	37 - 139
1,2-Dibromoethane	20	21	105	72 - 135
1,2-Dichlorobenzene	20	21	105	85 - 128
1,2-Dichloroethane	20	20	100	74 - 138
1,2-Dichloropropane	20	22	110	83 - 124
1,3,5-Trimethylbenzene	20	21	105	80 - 145
1,3-Dichlorobenzene	20	21	105	84 - 130
1,3-Dichloropropane	20	22	110	77 - 129
1,4-Dichlorobenzene	20	20	100	82 - 128
2,2-Dichloropropane	20	23	115	32 - 171
2-Butanone (MEK)	20	32	160	38 - 179
2-Chlorotoluene	20	21	105	78 - 134
2-Hexanone	20	31	155	45 - 158
2-Propanone (acetone)	20	42	210	14 - 209
4-Chlorotoluene	20	21	105	75 - 144
4-Methyl-2-Pentanone(MIBK)	20	21	105	40 - 144
Acrylonitrile	20	19	95	52 - 154
Benzene	20	19	95	83 - 130
Bromobenzene	20	21	105	85 - 126
Bromochloromethane	20	20	100	69 - 137
Bromodichloromethane	20	21	105	70 - 143
Bromoform	20	20	100	51 - 136
Bromomethane	20	14	70	65 - 140
Carbon Disulfide	20	18	90	68 - 140
Carbon tetrachloride	20	19	95	70 - 144
Chlorobenzene	20	20	100	84 - 131
Chloroethane	20	17	85	70 - 134
Chloroform	20	19	95	76 - 141
Chloromethane	20	20	100	63 - 123
Dibromochloromethane	20	19	95	39 - 154
Dibromomethane	20	21	105	79 - 124
Dichlorodifluoromethane	20	14	70	37 - 117
Ethyl Ether	20	20	100	67 - 140
Ethylbenzene	20	22	110	81 - 133
Hexachlorobutadiene	20	22	110	68 - 146
Isopropylbenzene	20	19	95	78 - 137
M/P Xylene	40	44	110	68 - 155

Methyl-t-Butyl Ether	20	20	100	63 - 144
Methylene Chloride	20	20	100	75 - 140
N-Butylbenzene	20	20	100	69 - 147
N-Propylbenzene	20	20	100	76 - 138
Naphthalene	20	18	90	53 - 155
Ortho Xylene	20	23	115	85 - 135
Para-Isopropyltoluene	20	20	100	77 - 141
Sec-Butylbenzene	20	21	105	80 - 141
Styrene	20	21	105	82 - 139
Tert-Butylbenzene	20	20	100	75 - 144
Tetrachloroethylene	20	18	90	32 - 173
Tetrahydrofuran	20	17	85	47 - 149
Toluene	20	21	105	85 - 134
Trans-1,2-Dichloroethylene	20	20	100	80 - 138
Trichloroethylene	20	22	110	76 - 135
Trichlorofluoromethane	20	18	90	60 - 149
Vinyl Acetate	20	19	95	38 - 187
Vinyl Chloride	20	18	90	66 - 133
c-1,3-dichloropropene	20	23	115	68 - 149
cis-1,2-Dichloroethylene	20	21	105	76 - 143
t-1,3-Dichloropropene	20	23	115	62 - 160

COMPOUND	LFB Dup CONCENTRATION ug/L	LFB Dup RECOVERY %	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	21	103	2	40
1,1,1-Trichloroethane	19	94	7	16
1,1,2,2-Tetrachloroethane	19	97	8	40
1,1,2-Trichloro-1,2,2-Trifluo	18	90	0	40
1,1,2-Trichloroethane	22	111	1	40
1,1-Dichloroethylene	19	95	1	35
1,1-Dichloropropene	20	100	10	40
1,1-dichloroethane	20	99	4	40
1,2,3-Trichlorobenzene	20	101	4	40
1,2,3-Trichloropropane	18	90	6	40
1,2,4-Trichlorobenzene	20	101	1	40
1,2,4-Trimethylbenzene	20	98	7	40
1,2-Dibromo-3-Chloropropa	17	87	15	40
1,2-Dibromoethane	21	104	1	40
1,2-Dichlorobenzene	20	99	6	40
1,2-Dichloroethane	21	103	3	23
1,2-Dichloropropane	20	98	12	40
1,3,5-Trimethylbenzene	20	101	4	40
1,3-Dichlorobenzene	20	100	5	40
1,3-Dichloropropane	21	105	5	40
1,4-Dichlorobenzene	19	97	3	21
2,2-Dichloropropane	18	91	24	40
2-Butanone (MEK)	26	129	22	40
2-Chlorotoluene	21	103	2	40
2-Hexanone	25	124	23	40
2-Propanone (acetone)	30	148	35	40
4-Chlorotoluene	19	94	11	40
4-Methyl-2-Pentanone(MIB	18	91	15	40
Acrylonitrile	19	93	3	40
Benzene	20	98	3	14
Bromobenzene	20	99	6	40
Bromochloromethane	19	95	6	40
Bromodichloromethane	22	112	7	21
Bromoform	19	95	6	40
Bromomethane	17	85	19	40
Carbon Disulfide	18	92	2	40
Carbon tetrachloride	18	92	3	19
Chlorobenzene	21	104	4	40
Chloroethane	18	92	8	40
Chloroform	20	99	4	16
Chloromethane	17	86	15	40
Dibromochloromethane	18	92	3	36
Dibromomethane	23	116	10	40
Dichlorodifluoromethane	13	67	5	40
Ethyl Ether	18	91	9	40
Ethylbenzene	20	100	10	40
Hexachlorobutadiene	20	101	9	40
Isopropylbenzene	18	89	7	40
M/P Xylene	45	111	1	40
Methyl-t-Butyl Ether	19	96	5	40
Methylene Chloride	21	103	3	40
N-Butylbenzene	19	95	5	40
N-Propylbenzene	20	98	2	40
Naphthalene	18	92	2	40
Ortho Xylene	21	106	9	40
Para-Isopropyltoluene	19	96	5	40
Sec-Butylbenzene	19	96	10	40

Styrene	20	102	3	40
Tert-Butylbenzene	19	95	6	40
Tetrachloroethylene	21	104	14	40
Tetrahydrofuran	17	87	2	40
Toluene	20	100	5	40
Trans-1,2-Dichloroethylene	19	93	8	40
Trichloroethylene	21	107	3	22
Trichlorofluoromethane	17	87	3	40
Vinyl Acetate	17	86	10	40
Vinyl Chloride	17	84	8	19
c-1,3-dichloropropene	22	108	7	40
cis-1,2-Dichloroethylene	19	93	12	40
t-1,3-Dichloropropene	22	108	7	40

Samples in Batch: AA62679, AA62680, AA62681, AA62682, AA62683, AA62684

Comments:

EPA
Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

July 20, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070014
Project: Beede Waste Oil - Plaistow, NH
Analysis: Alkalinity
Analyst: Inna Germansderfer I G 7/25/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, INGALKCARB0.SOP.

Analysis was performed by ESAT contractors working at the EPA New England Laboratory.

Date Samples Received by the Laboratory: 07/11/2006

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 7/31/06
Daniel N. Boudreau
Chemistry Team Leader

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Alkalinity

Date of Collection: 07/11/2006
Matrix: Water

Sample Number	Lab ID	Analysis	Concentration mg/L	RL mg/L	Qualifier
BWO-SH24S	AA62682	07/12/2006	**1.3**	0.7	
Comments					
Blank		07/12/2006	ND	0.5	
Comments					
BWO-SH24D	AA62684	07/12/2006	**340**	20	
Comments					
Blank		07/12/2006	ND	20	
Comments					

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

SAMPLE ID	PARAMETER	SAMPLE RESULT mg/L	SAMPLE DUPE RESULT mg/L	PRECISION RPD %	QC LIMITS (%RPD)
AA62682	Alkalinity	1.3	1.7	26.7	15
AA62684	Alkalinity	340	340	0	15

Comments:

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 21, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070014
Project: Beede Waste Oil - Plaistow, NH
Analysis: Ion Chromatography Anions
Analyst: Inna Germansderfer IG 7/21/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGDXIC9.

The analysis was performed using either a Dionex DX320 or DX120 Ion Chromatograph.

Date Samples Received by the Laboratory: 7/11/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/10/06

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL = Reporting limit
ND = Not Detected above reporting limit
NA = Not Applicable
NC = Not calculated since analyte concentration is ND
J1 = Estimated value due to MS recovery outside accceptance criteria
J2 = Estimated value due to LFB result outside acceptance criteria
J3 = Estimated value due to RPD result outside acceptance criteria
J4 = Estimated value due to LCS result outside acceptance criteria
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH24S	Lab Sample ID:	AA62682
Date of Collection:	07/11/2006 11:15	Matrix	Water
Date of Analysis:	07/12/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**207**	50	
	Nitrate	**6.7**	0.10	J
	Nitrite	ND	0.10	
	Sulfate	**30**	0.50	J

Comments: Sample was collected 7.11.06 and run 7.12.06 on ICS 2000 IC
J- estimated value , MS recovery outside QC limits. Recovery for nitrite were not detected due to the high concentration of chloride , close elution of nitrite and much lower concentration.
For sulfate concentration of the sample exactly 4 times spike level.

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**1.5**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Analysis:	07/12/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	ND	0.10	
	Nitrate	ND	0.10	
	Sulfate	ND	0.50	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH24D	Lab Sample ID:	AA62684
Date of Collection:	07/11/2006 12:33	Matrix	Water
Date of Analysis:	07/13/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	7.7	0.10	
	Nitrate	ND	0.10	J
	Nitrite	ND	0.10	J
	Sulfate	78	0.10	

Comments: Sample was collected 7.11.06 at 12:33 pm and was run 7.13.06 at 18:00 pm on DX120 . Sample was run in ICS2000 as AA62682 7.11.06 but instrument problem made data unusable to report. Sample was rerun on DX120 7.13.06.
J- estimated value due to analyzing out of hold time. Time of collection7.11.06 12:33pm. Time of analyzis- 7.13.06 18:00 pm

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Analysis:	07/13/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	ND	0.10	
	Nitrate	ND	0.10	
	Sulfate	ND	0.10	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MATRIX SPIKE (MS) RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED mg/L	SAMPLE CONCENTRATION mg/L	MS CONCENTRATION mg/L	MS % REC	QC LIMITS (% REC)
Sample ID: AA62682					
Chloride	1.5	207	370	R	80 - 120
Nitrate	5	6.7	9.9	71	80 - 120
Nitrite	5	ND	ND	ND	80 - 120
Sulfate	7.5	30.0	29	R	80 - 120

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY DUPLICATE RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SAMPLE RESULT mg/L	SAMPLE DUPLICATE RESULT mg/L	PRECISION RPD %	QC LIMITS RPD (%)
Sample ID: AA62684				
Chloride	7.7	7.6	1.3	20
Nitrate	ND	ND	ND	20
Nitrite	ND	ND	ND	20
Sulfate	78	78	0.0	20

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

Beede Waste Oil - Plaistow, NH

COMPOUND	LFB AMOUNT SPIKED mg/L	LFB RESULT mg/L	LFB RECOVERY %	QC LIMITS %
Sample ID: AA62682				
Chloride	1.5	1.4	93	90 - 110
Nitrate	5	4.8	96	90 - 110
Nitrite	5	4.7	94	90 - 110
Sulfate	7.5	7.2	96	90 - 110
Sample ID: AA62684				
Chloride	1.5	1.6	107	90 - 110
Nitrate	5	4.9	98	90 - 110
Sulfate	7.5	7.5	100	90 - 110

Samples in Batch: AA62682, AA62684

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology Drive
N. Chelmsford, MA 01863

Project Number: 06070014
Project: Beede Waste Oil - Plaistow, NH
Analysis: Total Recoverable Metals in Water by ICP
EPA Chemist: Mike Dowling
MD 8/14/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGICP6.

Samples were analyzed by inductively coupled plasma - atomic emission spectrometry using pneumatic nebulization. Preparation and analysis SOP's are based on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Revision 2, Final Update III, 3010A and 6010B," respectively.

Date Samples Received by the Laboratory: 7/11/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions, please call me at 617-918-8340.

Sincerely,
Daniel N Boudreau 8/14/06
Daniel N Boudreau
Chemistry Laboratory Services Coordinator

Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside accceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

The samples were prepared and analyzed by ESAT contractors.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH24S	Lab Sample ID:	AA62682
Date of Collection:	7/11/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	**85**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH24D	Lab Sample ID:	AA62684
Date of Collection:	7/11/2006	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	**550**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Reagent Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix:	Water
Date of Preparation:	7/13/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Sample ID: AA62682

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
Iron	500	ND	509	102	75 - 125
Manganese	500	85	576	98	75 - 125

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Sample ID: AA62684

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
Iron	ND	ND	NC	20
Manganese	550	560	2	20

Comments:

Laboratory Fortified Blank (LFB) Results

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Iron	500	486	97	85 - 115
Manganese	500	478	96	85 - 115

Comments:

Samples in Batch: AA62682, AA62684

EPA
Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070021
Project: Beede Waste Oil - Plaistow, NH
Analysis: VOAs in Water
Analyst: Joseph Montanaro 8/8/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-VOAGCMS8.

Samples were analyzed by GC/MS. Samples were introduced to the GC via a Tekmar pre-concentrator and an Archon autosampler. The analysis SOP is based on US EPA Method 8260B, SW-846, Rev 2.0,1996. Method 624, 40CFR Part 136 Appendix A, July 1, 1992, and USEPA CLP SOW for Organic Analysis OLM04.2, 1999.

Date Samples Received by the Laboratory: 7/13/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/10/06

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers: RL = Reporting limit
ND = Not Detected above Reporting limit
NA = Not Applicable due to high sample dilutions or sample interferences
NC = Not calculated since analyte concentration is ND.
J = Estimated value
E = Estimated value exceeds the calibration range
L = Estimated value is below the calibration range
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 05	Lab Sample ID:	AA62869
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	105	74 - 136
Toluene-D8	97	85 - 118
1,4-Bromofluorobenzene	100	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 06	Lab Sample ID:	AA62870
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	108	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	100	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH24I	Lab Sample ID:	AA62871
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	**1.3**	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	**3.3**	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	**3.1**	1.0
91-20-3	Naphthalene	**29**	1.0
95-47-6	Ortho Xylene	**13**	1.0
99-87-6	Para-Isopropyltoluene	**1.2**	1.0
135-98-8	Sec-Butylbenzene	**1.9**	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	97	85 - 118
1,4-Bromofluorobenzene	106	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-AE12	Lab Sample ID:	AA62872
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**8.5**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	**36**	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	**8.9**	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	**20**	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	**1.4**	1.0
108-38-3/106-42-	M/P Xylene	**21**	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	**3.1**	1.0
91-20-3	Naphthalene	**16**	1.0
95-47-6	Ortho Xylene	**31**	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**6.2**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	103	74 - 136
Toluene-D8	97	85 - 118
1,4-Bromofluorobenzene	102	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH3I	Lab Sample ID:	AA62873
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**1.3**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**2.8**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	95	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH3I DUP	Lab Sample ID:	AA62874
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**1.3**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**2.7**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	104	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH3S	Lab Sample ID:	AA62875
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	106	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	100	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SWWP4	Lab Sample ID:	AA62876
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	**2.2**	1.0	J
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	110	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments: Acetone did not meet the criteria for continuous calibration and is qualified with a J.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH25D	Lab Sample ID:	AA62877
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	106	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	95	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH4I	Lab Sample ID:	AA62878
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	106	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	100	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH4D	Lab Sample ID:	AA62879
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	102	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH4S	Lab Sample ID:	AA62880
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	106	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5.0 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	6

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	101	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	95	78 - 111

Comments: Laboratory blank is associated with AA62869, AA62870, AA62871, AA62872, AA62873, AA62874, AA62875, AA62876, AA62877, AA62878, AA62879, and AA62880.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-AE4	Lab Sample ID:	AA62881
Date of Collection:	7/12/2006	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	**54**	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	**18**	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	**2.5**	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	**1.6**	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	**19**	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	**4.2**	1.0
108-38-3/106-42-	M/P Xylene	**37**	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	**6.3**	1.0
91-20-3	Naphthalene	**26**	1.0
95-47-6	Ortho Xylene	**1.6**	1.0
99-87-6	Para-Isopropyltoluene	**4.2**	1.0
135-98-8	Sec-Butylbenzene	**2.5**	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	98	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	99	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for SVOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	
Date of Extraction:	7/13/06	Volume Purged:	5.0 mL
Date of Analysis:	7/13/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	6

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	101	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments: Laboratory blank is associated with sample AA62881.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

VOA MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Beede Waste Oil - Plaistow, NH

Sample ID: AA62881

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	ND	19	95	67 - 129
1,1,1-Trichloroethane	20	ND	22	108	75 - 139
1,1,2,2-Tetrachloroethane	20	ND	19	93	50 - 142
1,1,2-Trichloro-1,2,2-Trifluoro	20	ND	18	89	55 - 135
1,1,2-Trichloroethane	20	ND	20	100	62 - 142
1,1-Dichloroethylene	20	ND	22	112	80 - 138
1,1-Dichloropropene	20	ND	21	106	73 - 131
1,1-dichloroethane	20	ND	24	118	61 - 152
1,2,3-Trichlorobenzene	20	ND	19	95	49 - 143
1,2,3-Trichloropropane	20	ND	17	84	53 - 135
1,2,4-Trichlorobenzene	20	ND	19	93	63 - 131
1,2,4-Trimethylbenzene	20	54	65	54	79 - 142
1,2-Dibromo-3-Chloropropane	20	ND	16	79	28 - 122
1,2-Dibromoethane	20	ND	18	91	53 - 139
1,2-Dichlorobenzene	20	ND	20	98	74 - 129
1,2-Dichloroethane	20	ND	20	99	61 - 142
1,2-Dichloropropane	20	ND	21	102	71 - 126
1,3,5-Trimethylbenzene	20	18	34	82	77 - 140
1,3-Dichlorobenzene	20	ND	17	83	78 - 127
1,3-Dichloropropane	20	ND	20	98	63 - 130
1,4-Dichlorobenzene	20	ND	17	85	72 - 131
2,2-Dichloropropane	20	ND	24	118	50 - 139
2-Butanone (MEK)	20	ND	16	81	29 - 163
2-Chlorotoluene	20	ND	20	99	74 - 134
2-Hexanone	20	ND	15	77	36 - 141
2-Propanone (acetone)	20	2.5	13	50	29 - 164
4-Chlorotoluene	20	ND	19	96	68 - 141
4-Methyl-2-Pentanone(MIBK)	20	ND	18	89	35 - 139
Acrylonitrile	20	ND	19	97	42 - 150
Benzene	20	1.6	24	113	78 - 134
Bromobenzene	20	ND	17	87	76 - 126
Bromochloromethane	20	ND	21	103	62 - 140
Bromodichloromethane	20	ND	19	95	62 - 133
Bromoform	20	ND	18	89	31 - 133
Bromomethane	20	ND	12	58	58 - 148
Carbon Disulfide	20	ND	20	100	66 - 135
Carbon tetrachloride	20	ND	20	100	62 - 146
Chlorobenzene	20	ND	23	117	74 - 139
Chloroethane	20	ND	22	109	65 - 145
Chloroform	20	ND	21	106	60 - 144
Chloromethane	20	ND	16	81	58 - 134
Dibromochloromethane	20	ND	19	93	34 - 140
Dibromomethane	20	ND	19	94	67 - 125

Dichlorodifluoromethane	20	ND	16	80	30 - 132
Ethyl Ether	20	ND	22	111	58 - 145
Ethylbenzene	20	19	40	103	73 - 143
Hexachlorobutadiene	20	ND	19	93	56 - 144
Isopropylbenzene	20	4.2	22	90	73 - 139
M/P Xylene	40	37	78	104	79 - 136
Methyl-t-Butyl Ether	20	ND	22	108	50 - 144
Methylene Chloride	20	ND	23	114	70 - 144
N-Butylbenzene	20	ND	22	109	68 - 143
N-Propylbenzene	20	6.3	26	98	72 - 149
Naphthalene	20	26	44	92	33 - 154
Ortho Xylene	20	1.6	23	108	80 - 129
Para-Isopropyltoluene	20	4.2	22	87	71 - 140
Sec-Butylbenzene	20	2.5	24	108	75 - 148
Styrene	20	ND	22	108	61 - 148
Tert-Butylbenzene	20	ND	21	105	71 - 139
Tetrachloroethylene	20	ND	19	93	45 - 145
Tetrahydrofuran	20	ND	21	107	37 - 143
Toluene	20	ND	24	122	77 - 142
Trans-1,2-Dichloroethylene	20	ND	23	114	79 - 139
Trichloroethylene	20	ND	21	102	65 - 143
Trichlorofluoromethane	20	ND	21	106	58 - 161
Vinyl Acetate	20	ND	20	98	22 - 173
Vinyl Chloride	20	ND	20	100	68 - 139
c-1,3-dichloropropene	20	ND	21	106	51 - 144
cis-1,2-Dichloroethylene	20	ND	23	112	59 - 154
t-1,3-Dichloropropene	20	ND	18	92	47 - 145

Comments: The RPD for 1,2,4-trimethylbenzene exceeded the QC limit in the MS/MSD study.

Acetone exceeded the QC in the LFB/LFB dulicate study.

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION ug/L	MSD % REC	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	20	18	92	3	40
1,1,1-Trichloroethane	20	22	112	4	16
1,1,2,2-Tetrachloroethane	20	19	97	5	40
1,1,2-Trichloro-1,2,2-Trif	20	19	96	8	40
1,1,2-Trichloroethane	20	20	99	1	40
1,1-Dichloroethylene	20	21	106	6	35
1,1-Dichloropropene	20	21	104	2	40
1,1-dichloroethane	20	23	114	3	40
1,2,3-Trichlorobenzene	20	19	94	1	40
1,2,3-Trichloropropane	20	16	78	7	40
1,2,4-Trichlorobenzene	20	20	98	5	40
1,2,4-Trimethylbenzene	20	61	35	43	40
1,2-Dibromo-3-Chloropro	20	17	83	6	40
1,2-Dibromoethane	20	19	93	2	40
1,2-Dichlorobenzene	20	20	99	1	40
1,2-Dichloroethane	20	19	97	2	23
1,2-Dichloropropane	20	20	100	2	40
1,3,5-Trimethylbenzene	20	34	81	1	40
1,3-Dichlorobenzene	20	18	91	9	40
1,3-Dichloropropane	20	20	100	2	40
1,4-Dichlorobenzene	20	18	91	7	21
2,2-Dichloropropane	20	23	114	3	40
2-Butanone (MEK)	20	14	70	14	40
2-Chlorotoluene	20	19	95	4	40
2-Hexanone	20	15	76	2	40
2-Propanone (acetone)	20	11	44	14	40
4-Chlorotoluene	20	18	92	4	40
4-Methyl-2-Pentanone(M	20	17	87	3	40
Acrylonitrile	20	19	95	2	40
Benzene	20	25	114	1	14
Bromobenzene	20	18	88	2	40
Bromochloromethane	20	21	102	1	40
Bromodichloromethane	20	18	90	5	21
Bromoform	20	15	76	16	40
Bromomethane	20	12	62	8	40
Carbon Disulfide	20	19	97	4	40
Carbon tetrachloride	20	19	95	5	19
Chlorobenzene	20	22	112	4	40
Chloroethane	20	23	114	4	40
Chloroform	20	22	108	2	16
Chloromethane	20	16	79	3	40
Dibromochloromethane	20	18	89	4	36
Dibromomethane	20	19	93	2	40
Dichlorodifluoromethane	20	16	81	1	40
Ethyl Ether	20	22	108	3	40
Ethylbenzene	20	39	100	3	40
Hexachlorobutadiene	20	18	88	5	40
Isopropylbenzene	20	22	88	2	40
M/P Xylene	40	79	104	0	40
Methyl-t-Butyl Ether	20	21	104	4	40
Methylene Chloride	20	23	114	0	40
N-Butylbenzene	20	21	105	4	40

N-Propylbenzene	20	25	92	6	40
Naphthalene	20	40	71	27	40
Ortho Xylene	20	24	110	2	40
Para-Isopropyltoluene	20	20	79	10	40
Sec-Butylbenzene	20	24	108	0	40
Styrene	20	21	104	4	40
Tert-Butylbenzene	20	20	98	7	40
Tetrachloroethylene	20	18	90	4	40
Tetrahydrofuran	20	21	106	1	40
Toluene	20	24	118	3	40
Trans-1,2-Dichloroethyle	20	23	117	3	40
Trichloroethylene	20	21	103	1	22
Trichlorofluoromethane	20	21	106	0	40
Vinyl Acetate	20	19	94	4	40
Vinyl Chloride	20	19	97	3	19
c-1,3-dichloropropene	20	20	99	7	40
cis-1,2-Dichloroethylene	20	23	114	2	40
t-1,3-Dichloropropene	20	18	90	2	40

Comments:

Samples in Batch: AA62869, AA62870, AA62871, AA62872, AA62873, AA62874, AA62875, AA62876, AA62877, AA62878, AA62879, AA62880, AA62881

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

Sample ID: AA62881

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
1,1,1,2-Tetrachloroethane	ND	ND	ND	30
1,1,1-Trichloroethane	ND	ND	ND	30
1,1,2,2-Tetrachloroethane	ND	ND	ND	30
1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	ND	ND	30
1,1,2-Trichloroethane	ND	ND	ND	30
1,1-Dichloroethylene	ND	ND	ND	30
1,1-Dichloropropene	ND	ND	ND	30
1,1-dichloroethane	ND	ND	ND	30
1,2,3-Trichlorobenzene	ND	ND	ND	30
1,2,3-Trichloropropane	ND	ND	ND	30
1,2,4-Trichlorobenzene	ND	ND	ND	30
1,2,4-Trimethylbenzene	54.0	51.2	5.32	30
1,2-Dibromo-3-Chloropropane	ND	ND	ND	30
1,2-Dibromoethane	ND	ND	ND	30
1,2-Dichlorobenzene	ND	ND	ND	30
1,2-Dichloroethane	ND	ND	ND	30
1,2-Dichloropropane	ND	ND	ND	30
1,3,5-Trimethylbenzene	18.0	17.6	2.25	30
1,3-Dichlorobenzene	ND	ND	ND	30
1,3-Dichloropropane	ND	ND	ND	30
1,4-Dichlorobenzene	ND	ND	ND	30
2,2-Dichloropropane	ND	ND	ND	30
2-Butanone (MEK)	ND	ND	ND	30
2-Chlorotoluene	ND	ND	ND	30
2-Hexanone	ND	ND	ND	30
2-Propanone (acetone)	2.5	2.09	17.9	30
4-Chlorotoluene	ND	ND	ND	30
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	30
Acrylonitrile	ND	ND	ND	30
Benzene	1.6	1.54	3.82	30
Bromobenzene	ND	ND	ND	30
Bromochloromethane	ND	ND	ND	30
Bromodichloromethane	ND	ND	ND	30
Bromoform	ND	ND	ND	30
Bromomethane	ND	ND	ND	30
Carbon Disulfide	ND	ND	ND	30
Carbon tetrachloride	ND	ND	ND	30
Chlorobenzene	ND	ND	ND	30
Chloroethane	ND	ND	ND	30
Chloroform	ND	ND	ND	30
Chloromethane	ND	ND	ND	30
Dibromochloromethane	ND	ND	ND	30
Dibromomethane	ND	ND	ND	30
Dichlorodifluoromethane	ND	ND	ND	30
Ethyl Ether	ND	ND	ND	30
Ethylbenzene	19.3	18.5	4.23	30
Hexachlorobutadiene	ND	ND	ND	30
Isopropylbenzene	4.2	3.99	5.13	30
M/P Xylene	36.7	36.5	0.546	30

Methyl-t-Butyl Ether	ND	ND	ND	30
Methylene Chloride	ND	ND	ND	30
N-Butylbenzene	ND	ND	ND	30
N-Propylbenzene	6.3	5.86	7.24	30
Naphthalene	25.5	27.4	7.18	30
Ortho Xylene	1.6	1.72	7.23	30
Para-Isopropyltoluene	4.2	4.20	0.00	30
Sec-Butylbenzene	2.5	2.21	12.3	30
Styrene	ND	ND	ND	30
Tert-Butylbenzene	ND	ND	ND	30
Tetrachloroethylene	ND	ND	ND	30
Tetrahydrofuran	ND	ND	ND	30
Toluene	ND	ND	ND	30
Trans-1,2-Dichloroethylene	ND	ND	ND	30
Trichloroethylene	ND	ND	ND	30
Trichlorofluoromethane	ND	ND	ND	30
Vinyl Acetate	ND	ND	ND	30
Vinyl Chloride	ND	ND	ND	30
c-1,3-dichloropropene	ND	ND	ND	30
cis-1,2-Dichloroethylene	ND	ND	ND	30
t-1,3-Dichloropropene	ND	ND	ND	30

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY FORTIFIED BLANK (LFB) AND DUPLICATE (LFB Dup) RECOVERY

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED ug/mL	LFB CONCENTRATION ug/mL	LFB RECOVERY %	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	23	115	79 - 136
1,1,1-Trichloroethane	20	21	105	75 - 146
1,1,2,2-Tetrachloroethane	20	21	105	62 - 141
1,1,2-Trichloro-1,2,2-Trifluoroeth	20	17	85	56 - 130
1,1,2-Trichloroethane	20	22	110	75 - 138
1,1-Dichloroethylene	20	21	105	75 - 136
1,1-Dichloropropene	20	21	105	77 - 137
1,1-dichloroethane	20	20	100	76 - 142
1,2,3-Trichlorobenzene	20	20	100	64 - 143
1,2,3-Trichloropropane	20	18	90	66 - 133
1,2,4-Trichlorobenzene	20	20	100	80 - 131
1,2,4-Trimethylbenzene	20	20	100	74 - 155
1,2-Dibromo-3-Chloropropane	20	18	90	37 - 139
1,2-Dibromoethane	20	22	110	72 - 135
1,2-Dichlorobenzene	20	20	100	85 - 128
1,2-Dichloroethane	20	20	100	74 - 138
1,2-Dichloropropane	20	20	100	83 - 124
1,3,5-Trimethylbenzene	20	20	100	80 - 145
1,3-Dichlorobenzene	20	20	100	84 - 130
1,3-Dichloropropane	20	22	110	77 - 129
1,4-Dichlorobenzene	20	20	100	82 - 128
2,2-Dichloropropane	20	24	120	32 - 171
2-Butanone (MEK)	20	28	140	38 - 179
2-Chlorotoluene	20	21	105	78 - 134
2-Hexanone	20	28	140	45 - 158
2-Propanone (acetone)	20	44	220	14 - 209
4-Chlorotoluene	20	19	95	75 - 144
4-Methyl-2-Pentanone(MIBK)	20	20	100	40 - 144
Acrylonitrile	20	19	95	52 - 154
Benzene	20	20	100	83 - 130
Bromobenzene	20	21	105	85 - 126
Bromochloromethane	20	20	100	69 - 137
Bromodichloromethane	20	22	110	70 - 143
Bromoform	20	19	95	51 - 136
Bromomethane	20	16	80	65 - 140
Carbon Disulfide	20	20	100	68 - 140
Carbon tetrachloride	20	19	95	70 - 144
Chlorobenzene	20	21	105	84 - 131
Chloroethane	20	19	95	70 - 134
Chloroform	20	20	100	76 - 141
Chloromethane	20	20	100	63 - 123
Dibromochloromethane	20	18	90	39 - 154
Dibromomethane	20	23	115	79 - 124
Dichlorodifluoromethane	20	14	70	37 - 117
Ethyl Ether	20	20	100	67 - 140
Ethylbenzene	20	21	105	81 - 133
Hexachlorobutadiene	20	21	105	68 - 146
Isopropylbenzene	20	19	95	78 - 137
M/P Xylene	40	44	110	68 - 155

Methyl-t-Butyl Ether	20	21	105	63 - 144
Methylene Chloride	20	20	100	75 - 140
N-Butylbenzene	20	20	100	69 - 147
N-Propylbenzene	20	20	100	76 - 138
Naphthalene	20	18	90	53 - 155
Ortho Xylene	20	22	110	85 - 135
Para-Isopropyltoluene	20	20	100	77 - 141
Sec-Butylbenzene	20	20	100	80 - 141
Styrene	20	20	100	82 - 139
Tert-Butylbenzene	20	20	100	75 - 144
Tetrachloroethylene	20	19	95	32 - 173
Tetrahydrofuran	20	18	90	47 - 149
Toluene	20	20	100	85 - 134
Trans-1,2-Dichloroethylene	20	21	105	80 - 138
Trichloroethylene	20	21	105	76 - 135
Trichlorofluoromethane	20	18	90	60 - 149
Vinyl Acetate	20	19	95	38 - 187
Vinyl Chloride	20	19	95	66 - 133
c-1,3-dichloropropene	20	24	120	68 - 149
cis-1,2-Dichloroethylene	20	21	105	76 - 143
t-1,3-Dichloropropene	20	22	110	62 - 160

COMPOUND	LFB Dup CONCENTRATION ug/L	LFB Dup RECOVERY %	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	21	103	12	40
1,1,1-Trichloroethane	21	105	1	16
1,1,2,2-Tetrachloroethane	21	107	2	40
1,1,2-Trichloro-1,2,2-Trifluo	16	82	4	40
1,1,2-Trichloroethane	22	111	1	40
1,1-Dichloroethylene	21	103	2	35
1,1-Dichloropropene	20	100	5	40
1,1-dichloroethane	21	104	4	40
1,2,3-Trichlorobenzene	20	101	1	40
1,2,3-Trichloropropane	17	87	4	40
1,2,4-Trichlorobenzene	19	97	3	40
1,2,4-Trimethylbenzene	21	103	3	40
1,2-Dibromo-3-Chloropropa	18	89	2	40
1,2-Dibromoethane	21	103	7	40
1,2-Dichlorobenzene	19	96	5	40
1,2-Dichloroethane	22	110	10	23
1,2-Dichloropropane	20	99	1	40
1,3,5-Trimethylbenzene	20	102	2	40
1,3-Dichlorobenzene	19	97	3	40
1,3-Dichloropropane	21	104	6	40
1,4-Dichlorobenzene	19	94	6	21
2,2-Dichloropropane	18	88	31	40
2-Butanone (MEK)	25	127	10	40
2-Chlorotoluene	20	102	3	40
2-Hexanone	22	108	26	40
2-Propanone (acetone)	33	164	29	40
4-Chlorotoluene	19	97	2	40
4-Methyl-2-Pentanone(MIB	18	90	11	40
Acrylonitrile	17	87	9	40
Benzene	20	99	1	14
Bromobenzene	20	99	6	40
Bromochloromethane	20	102	2	40
Bromodichloromethane	21	107	3	21
Bromoform	19	93	3	40
Bromomethane	13	65	22	40
Carbon Disulfide	19	93	8	40
Carbon tetrachloride	19	97	2	19
Chlorobenzene	21	105	0	40
Chloroethane	20	100	5	40
Chloroform	21	106	5	16
Chloromethane	19	94	6	40
Dibromochloromethane	19	94	4	36
Dibromomethane	21	105	9	40
Dichlorodifluoromethane	14	68	4	40
Ethyl Ether	19	95	6	40
Ethylbenzene	20	101	4	40
Hexachlorobutadiene	21	104	1	40
Isopropylbenzene	18	90	5	40
M/P Xylene	42	105	5	40
Methyl-t-Butyl Ether	19	96	10	40
Methylene Chloride	22	108	7	40
N-Butylbenzene	19	97	3	40
N-Propylbenzene	19	96	4	40
Naphthalene	17	87	4	40
Ortho Xylene	22	108	2	40
Para-Isopropyltoluene	19	95	6	40
Sec-Butylbenzene	19	94	7	40

Styrene	21	104	4	40
Tert-Butylbenzene	19	96	5	40
Tetrachloroethylene	23	116	20	40
Tetrahydrofuran	18	91	1	40
Toluene	22	110	10	40
Trans-1,2-Dichloroethylene	21	103	2	40
Trichloroethylene	20	102	3	22
Trichlorofluoromethane	19	93	3	40
Vinyl Acetate	18	89	7	40
Vinyl Chloride	18	92	4	19
c-1,3-dichloropropene	21	106	13	40
cis-1,2-Dichloroethylene	19	97	8	40
t-1,3-Dichloropropene	23	117	6	40

Samples in Batch: AA62869, AA62870, AA62871, AA62872, AA62873, AA62874, AA62875, AA62876, AA62877, AA62878, AA62879, AA62880, AA62881

Comments:

EPA
Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

July 24, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070021
Project: Beede Waste Oil - Plaistow, NH
Analysis: Alkalinity
Analyst: Inna Germansderfer I G 7/25/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, INGALKCARB0.SOP.

Analysis was performed by ESAT contractors working at the EPA New England Laboratory.

Date Samples Received by the Laboratory: 07/13/2006

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 7/31/06

Daniel N. Boudreau
Chemistry Team Leader

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Alkalinity

Date of Collection: 07/12/2006
Matrix:

Sample Number	Lab ID	Analysis	Concentration mg/L	RL mg/L	Qualifier
BWO-SH24I Comments	AA62871	07/14/2006	**31**	20	
BWO-AE12 Comments	AA62872	07/14/2006	**32**	20	
BWO-SH3I Comments	AA62873	07/14/2006	**50**	20	
BWO-SH3I DU Comments	AA62874	07/14/2006	**50**	20	
BWO-SH3S Comments	AA62875	07/17/2006	**9.0**	0.5	
BWO-SH4I Comments	AA62878	07/14/2006	**52**	20	
BWO-SH4D Comments	AA62879	07/14/2006	**27**	20	
Blank Comments		07/14/2006	ND	20	
BWO-SH4S Comments	AA62880	07/17/2006	**13**	0.5	
Blank Comments		07/17/2006	ND	0.5	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

SAMPLE ID	PARAMETER	SAMPLE RESULT mg/L	SAMPLE DUPE RESULT mg/L	PRECISION RPD %	QC LIMITS (%RPD)
AA62879	Alkalinity	27	26	3.8	15
AA62880	Alkalinity	13	13	0	15

Comments:

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 19, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070021
Project: Beede Waste Oil - Plaistow, NH
Analysis: Ion Chromatography Anions
Analyst: Inna Germansderfer 8/10/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGDXIC9.

The analysis was performed using either a Dionex DX320 or DX120 Ion Chromatograph.

Date Samples Received by the Laboratory: 7/13/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/9/06
Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL = Reporting limit
ND = Not Detected above reporting limit
NA = Not Applicable
NC = Not calculated since analyte concentration is ND
J1 = Estimated value due to MS recovery outside accceptance criteria
J2 = Estimated value due to LFB result outside acceptance criteria
J3 = Estimated value due to RPD result outside acceptance criteria
J4 = Estimated value due to LCS result outside acceptance criteria
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID: BWO-SH24I
Date of Collection: 07/12/2006 11:30

Lab Sample ID: AA62871

Date of Analysis: 07/13/2006

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**52**	0.10	
	Nitrate	**96**	0.10	
	Nitrite	**0.27**	0.10	
	Sulfate	**15**	0.10	

Comments: Sample was collected 7.12.06 and run on DX120 IC on 7.13.06

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**22**	0.02	
	Nitrite as Nitrogen	**0.08**	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID: BWO-AE12 Lab Sample ID: AA62872
Date of Collection: 07/12/2006 14:35

Date of Analysis: 07/13/2006

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**3.2**	0.10	
	Nitrate	**0.20**	0.10	
	Nitrite	**0.10**	0.10	
	Sulfate	**9.9**	0.10	

Comments: Sample was collected 7.12.06 and run on DX120 IC on 7.13.06

High RPD for nitrite due to the low (below RL) valueof nitrite in the sample.

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**0.05**	0.02	
	Nitrite as Nitrogen	**0.03**	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID: BWO-SH3I
Date of Collection: 07/12/2006 16:12

Lab Sample ID: AA62873

Date of Analysis: 07/13/2006

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**3.2**	0.10	
	Nitrate	**1.5**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**12**	0.10	

Comments: Sample was collected 7.12.06 and run on DX120 IC on 7.13.06

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**0.34**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID: BWO-SH3I DUP
Date of Collection: 07/12/2006 16:12

Lab Sample ID: AA62874

Date of Analysis: 07/13/2006

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**3.3**	0.10	
	Nitrate	**1.5**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**11**	0.10	

Comments: Sample was collected 7.12.06 and run on DX120 IC on 7.13.06

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**0.34**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID: BWO-SH3S
Date of Collection: 07/12/2006 17:26

Lab Sample ID: AA62875

Date of Analysis: 07/13/2006

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**4.1**	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**0.61**	0.10	

Comments: Sample was collected 7.12.06 and run on DX120 IC on 7.13.06

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID: BWO-SH4I
Date of Collection: 07/12/2006 14:28

Lab Sample ID: AA62878

Date of Analysis: 07/13/2006

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**24**	0.11	
	Nitrate	**0.16**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**17**	0.10	

Comments: Sample was collected 7.12.06 and run on DX120 IC on 7.13.06

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**0.04**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID: BWO-SH4D
Date of Collection: 07/12/2006 15:48

Lab Sample ID: AA62879

Date of Analysis: 07/13/2006

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**38**	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**30**	0.10	

Comments: Sample was collected 7.12.06 and run on DX120 IC on 7.13.06

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID: BWO-SH4S
Date of Collection: 07/12/2006 16:54

Lab Sample ID: AA62880

Date of Analysis: 07/13/2006

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	**3.0**	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**8.6**	0.10	

Comments: Sample was collected 7.12.06 and run on DX120 IC on 7.13.06

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank

Client Sample ID: N/A
Date of Collection: N/A

Lab Sample ID: N/A

Date of Analysis: 07/13/2006

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Chloride	ND	0.10	
	Nitrate	ND	0.10	
	Sulfate	ND	0.10	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

NE Lakes & Ponds

COMPOUND	LFB AMOUNT SPIKED mg/L	LFB RESULT mg/L	LFB RECOVERY %	QC LIMITS %
Sample ID: AA62880				
Chloride	1.5	1.4	93	90 - 110
Nitrate	5	5.2	104	90 - 110
Nitrite	5	5.0	100	90 - 110
Sulfate	7.5	7.5	100	90 - 110

Samples in Batch: AA62871, AA62872, AA62873, AA62874, AA62875, AA62878, AA62879, AA62880

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MATRIX SPIKE (MS) RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED mg/L	SAMPLE CONCENTRATION mg/L	MS CONCENTRATION mg/L	MS % REC	QC LIMITS (% REC)
Sample ID: AA62873					
Chloride	1.5	3.2	4.5	97	80 - 120
Nitrate	5	1.5	6.8	108	80 - 120
Nitrite	5	ND	5.2	104	80 - 120
Sulfate	7.5	12	18	88	80 - 120

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY DUPLICATE RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SAMPLE RESULT mg/L	SAMPLE DUPLICATE RESULT mg/L	PRECISION RPD %	QC LIMITS RPD (%)
Sample ID: AA62872				
Chloride	3.2	3.2	0.0	20
Nitrate	0.20	0.21	4.9	20
Nitrite	0.1	0.14	33	20
Sulfate	9.9	10.5	5.9	20

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

Beede Waste Oil - Plaistow, NH

COMPOUND	LFB AMOUNT SPIKED mg/L	LFB RESULT mg/L	LFB RECOVERY %	QC LIMITS %
1 Sample ID: AA62880				
Chloride	1.5	1.4	93	90 - 110
Nitrate	5	5.2	104	90 - 110
Nitrite	5	5.0	100	90 - 110
Sulfate	7.5	7.5	100	90 - 110

Samples in Batch: AA62871, AA62872, AA62873, AA62874, AA62875, AA62878, AA62879, AA62880

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology Drive
N. Chelmsford, MA 01863

Project Number: 06070021
Project: Beede Waste Oil - Plaistow, NH
Analysis: Total Recoverable Metals in Water by ICP
EPA Chemist: Mike Dowling
MD 8/14/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGICP6.

Samples were analyzed by inductively coupled plasma - atomic emission spectrometry using pneumatic nebulization. Preparation and analysis SOP's are based on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Revision 2, Final Update III, 3010A and 6010B," respectively.

Date Samples Received by the Laboratory: 7/13/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions, please call me at 617-918-8340.

Sincerely,

Daniel N Boudreau 8/14/06
Daniel N Boudreau
Chemistry Laboratory Services Coordinator

Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside accceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

The samples were prepared and analyzed by ESAT contractors.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH24I	Lab Sample ID:	AA62871
Date of Collection:	7/12/2006	Matrix:	Water
Date of Preparation:	7/14/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	**370**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-AE12	Lab Sample ID:	AA62872
Date of Collection:	7/12/2006	Matrix:	Water
Date of Preparation:	7/14/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**280**	100	
7439-96-5	Manganese	**1200**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH3I	Lab Sample ID:	AA62873
Date of Collection:	7/12/2006	Matrix:	Water
Date of Preparation:	7/14/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	**36**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH3I DUP	Lab Sample ID:	AA62874
Date of Collection:	7/12/2006	Matrix:	Water
Date of Preparation:	7/14/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	**36**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH3S	Lab Sample ID:	AA62875
Date of Collection:	7/12/2006	Matrix:	Water
Date of Preparation:	7/14/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH4I	Lab Sample ID:	AA62878
Date of Collection:	7/12/2006	Matrix:	Water
Date of Preparation:	7/14/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**410**	100	
7439-96-5	Manganese	**42**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH4D	Lab Sample ID:	AA62879
Date of Collection:	7/12/2006	Matrix:	Water
Date of Preparation:	7/14/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**400**	100	
7439-96-5	Manganese	**320**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH4S	Lab Sample ID:	AA62880
Date of Collection:	7/12/2006	Matrix:	Water
Date of Preparation:	7/14/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**140**	100	
7439-96-5	Manganese	**22**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Reagent Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix:	Water
Date of Preparation:	7/14/06	Final Volume:	50 mL
Date of Analysis:	7/24/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Sample ID: AA62880

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
Iron	500	140	629	98	75 - 125
Manganese	500	22	512	98	75 - 125

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Sample ID: AA62872

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
Iron	280	270	4	20
Manganese	1200	1100	9	20

Comments:

Laboratory Fortified Blank (LFB) Results

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Iron	500	518	104	85 - 115
Manganese	500	500	100	85 - 115

Comments:

Samples in Batch: AA62871, AA62872, AA62873, AA62874, AA62875, AA62878, AA62879, AA62880

EPA
Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070024
Project: Beede Waste Oil - Plaistow, NH
Analysis: VOAs in Water
Analyst: Dan Boudreau DB 8/8/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-VOAGCMS8.

Samples were analyzed by GC/MS. Samples were introduced to the GC via a Tekmar pre-concentrator and an Archon autosampler. The analysis SOP is based on US EPA Method 8260B, SW-846, Rev 2.0,1996. Method 624, 40CFR Part 136 Appendix A, July 1, 1992, and USEPA CLP SOW for Organic Analysis OLM04.2, 1999.

Date Samples Received by the Laboratory: 7/14/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/9/06

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers: RL = Reporting limit

- ND = Not Detected above Reporting limit
- NA = Not Applicable due to high sample dilutions or sample interferences
- NC = Not calculated since analyte concentration is ND.
- J = Estimated value
- E = Estimated value exceeds the calibration range
- L = Estimated value is below the calibration range
- B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.
- R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 07	Lab Sample ID:	AA62902
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	103	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	102	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 08	Lab Sample ID:	AA62903
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	102	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH19D	Lab Sample ID:	AA62904
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
*74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	103	74 - 136
Toluene-D8	99	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5.0 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	6.0

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	101	74 - 136
Toluene-D8	97	85 - 118
1,4-Bromofluorobenzene	95	78 - 111

Comments: Method balnk for samples AA62902 - AA62908, AA62904 Dup.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH19I	Lab Sample ID:	AA62905
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
•74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	**14**	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	108	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	95	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH36S	Lab Sample ID:	AA62906
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
•74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**1.4**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	109	74 - 136
Toluene-D8	95	85 - 118
1,4-Bromofluorobenzene	97	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH38S	Lab Sample ID:	AA62907
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	**6.5**	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
•74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**1.2**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**5.5**	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	102	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH32S	Lab Sample ID:	AA62908
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
*74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	111	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	99	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH16S	Lab Sample ID:	AA62909
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**1.1**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	96	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH16I	Lab Sample ID:	AA62910
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**1.2**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**1.9**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**1.1**	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	96	74 - 136
Toluene-D8	103	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH16D	Lab Sample ID:	AA62911
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	100	74 - 136
Toluene-D8	103	85 - 118
1,4-Bromofluorobenzene	97	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH40S	Lab Sample ID:	AA62912
Date of Collection:	7/13/2006	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**2.0**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**1.1**	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	99	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/14/06	Volume Purged:	5.0 mL
Date of Analysis:	7/14/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	96	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	93	78 - 111

Comments: Method blank for samples AA62909 - AA62912, AA62912 MS/MSD.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY FORTIFIED BLANK (LFB) AND DUPLICATE (LFB Dup) RECOVERY

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED ug/mL	LFB CONCENTRATION ug/mL	LFB RECOVERY %	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	17	85	79 - 136
1,1,1-Trichloroethane	20	20	100	75 - 146
1,1,2,2-Tetrachloroethane	20	17	85	62 - 141
1,1,2-Trichloro-1,2,2-Trifluoroeth	20	19	95	56 - 130
1,1,2-Trichloroethane	20	19	95	75 - 138
1,1-Dichloroethylene	20	19	95	75 - 136
1,1-Dichloropropene	20	17	85	77 - 137
1,1-dichloroethane	20	21	105	76 - 142
1,2,3-Trichlorobenzene	20	14	70	64 - 143
1,2,3-Trichloropropane	20	16	80	66 - 133
1,2,4-Trichlorobenzene	20	14	70	80 - 131
1,2,4-Trimethylbenzene	20	18	90	74 - 155
1,2-Dibromo-3-Chloropropane	20	14	70	37 - 139
1,2-Dibromoethane	20	17	85	72 - 135
1,2-Dichlorobenzene	20	17	85	85 - 128
1,2-Dichloroethane	20	20	100	74 - 138
1,2-Dichloropropane	20	19	95	83 - 124
1,3,5-Trimethylbenzene	20	18	90	80 - 145
1,3-Dichlorobenzene	20	18	90	84 - 130
1,3-Dichloropropane	20	19	95	77 - 129
1,4-Dichlorobenzene	20	18	90	82 - 128
2,2-Dichloropropane	20	21	105	32 - 171
2-Butanone (MEK)	20	19	95	38 - 179
2-Chlorotoluene	20	18	90	78 - 134
2-Hexanone	20	15	75	45 - 158
2-Propanone (acetone)	20	17	85	14 - 209
4-Chlorotoluene	20	18	90	75 - 144
4-Methyl-2-Pentanone(MIBK)	20	15	75	40 - 144
Acrylonitrile	20	18	90	52 - 154
Benzene	20	21	105	83 - 130
Bromobenzene	20	18	90	85 - 126
Bromochloromethane	20	21	105	69 - 137
Bromodichloromethane	20	18	90	70 - 143
Bromoform	20	16	80	51 - 136
Bromomethane	20	18	90	65 - 140
Carbon Disulfide	20	16	80	68 - 140
Carbon tetrachloride	20	16	80	70 - 144
Chlorobenzene	20	20	100	84 - 131
Chloroethane	20	19	95	70 - 134
Chloroform	20	20	100	76 - 141
Chloromethane	20	15	75	63 - 123
Dibromochloromethane	20	17	85	39 - 154
Dibromomethane	20	19	95	79 - 124
Dichlorodifluoromethane	20	12	60	37 - 117
Ethyl Ether	20	20	100	67 - 140
Ethylbenzene	20	19	95	81 - 133
Hexachlorobutadiene	20	13	65	68 - 146
Isopropylbenzene	20	18	90	78 - 137
M/P Xylene	40	39	98	68 - 155

Methyl-t-Butyl Ether	20	20	100	63 - 144
Methylene Chloride	20	22	110	75 - 140
N-Butylbenzene	20	16	80	69 - 147
N-Propylbenzene	20	18	90	76 - 138
Naphthalene	20	17	85	53 - 155
Ortho Xylene	20	19	95	85 - 135
Para-Isopropyltoluene	20	17	85	77 - 141
Sec-Butylbenzene	20	18	90	80 - 141
Styrene	20	19	95	82 - 139
Tert-Butylbenzene	20	17	85	75 - 144
Tetrachloroethylene	20	18	90	32 - 173
Tetrahydrofuran	20	18	90	47 - 149
Toluene	20	22	110	85 - 134
Trans-1,2-Dichloroethylene	20	20	100	80 - 138
Trichloroethylene	20	17	85	76 - 135
Trichlorofluoromethane	20	18	90	60 - 149
Vinyl Acetate	20	17	85	38 - 187
Vinyl Chloride	20	16	80	66 - 133
c-1,3-dichloropropene	20	19	95	68 - 149
cis-1,2-Dichloroethylene	20	22	110	76 - 143
t-1,3-Dichloropropene	20	18	90	62 - 160

COMPOUND	LFB Dup CONCENTRATION ug/L	LFB Dup RECOVERY %	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	17	86	1	40
1,1,1-Trichloroethane	20	99	1	16
1,1,2,2-Tetrachloroethane	18	91	6	40
1,1,2-Trichloro-1,2,2-Trifluo	20	100	5	40
1,1,2-Trichloroethane	21	103	8	40
1,1-Dichloroethylene	21	103	8	35
1,1-Dichloropropene	21	106	22	40
1,1-dichloroethane	23	113	7	40
1,2,3-Trichlorobenzene	17	84	18	40
1,2,3-Trichloropropane	18	92	13	40
1,2,4-Trichlorobenzene	20	98	33	40
1,2,4-Trimethylbenzene	21	106	16	40
1,2-Dibromo-3-Chloropropa	17	84	18	40
1,2-Dibromoethane	18	90	6	40
1,2-Dichlorobenzene	19	94	10	40
1,2-Dichloroethane	21	104	4	23
1,2-Dichloropropane	21	103	8	40
1,3,5-Trimethylbenzene	21	104	14	40
1,3-Dichlorobenzene	20	100	11	40
1,3-Dichloropropane	20	99	4	40
1,4-Dichlorobenzene	19	97	8	21
2,2-Dichloropropane	20	101	4	40
2-Butanone (MEK)	18	89	7	40
2-Chlorotoluene	21	104	14	40
2-Hexanone	17	83	10	40
2-Propanone (acetone)	17	85	1	40
4-Chlorotoluene	20	102	12	40
4-Methyl-2-Pentanone(MIB	17	86	14	40
Acrylonitrile	19	96	6	40
Benzene	24	118	11	14
Bromobenzene	19	97	7	40
Bromochloromethane	19	97	8	40
Bromodichloromethane	17	85	6	21
Bromoform	15	77	4	40
Bromomethane	20	102	12	40
Carbon Disulfide	16	80	1	40
Carbon tetrachloride	18	90	12	19
Chlorobenzene	23	113	12	40
Chloroethane	21	103	8	40
Chloroform	21	103	3	16
Chloromethane	17	86	14	40
Dibromochloromethane	16	82	4	36
Dibromomethane	19	96	1	40
Dichlorodifluoromethane	13	67	11	40
Ethyl Ether	21	107	7	40
Ethylbenzene	23	113	17	40
Hexachlorobutadiene	15	74	12	40
Isopropylbenzene	20	101	12	40
M/P Xylene	45	111	13	40
Methyl-t-Butyl Ether	21	104	3	40
Methylene Chloride	23	114	4	40
N-Butylbenzene	18	88	10	40
N-Propylbenzene	21	106	16	40
Naphthalene	19	96	12	40
Ortho Xylene	22	108	13	40
Para-Isopropyltoluene	19	94	10	40
Sec-Butylbenzene	21	106	16	40

Styrene	21	104	9	40
Tert-Butylbenzene	20	102	18	40
Tetrachloroethylene	19	96	6	40
Tetrahydrofuran	21	106	16	40
Toluene	24	118	7	40
Trans-1,2-Dichloroethylene	22	108	7	40
Trichloroethylene	20	99	15	22
Trichlorofluoromethane	19	95	5	40
Vinyl Acetate	17	84	1	40
Vinyl Chloride	18	88	10	19
c-1,3-dichloropropene	18	92	4	40
cis-1,2-Dichloroethylene	22	112	1	40
t-1,3-Dichloropropene	16	79	13	40

Samples in Batch: AA62902, AA62903, AA62904, AA62905, AA62906, AA62907, AA62908, AA62909, AA62910, AA62911, AA62912

Comments: 1,2,4-trichlorobenzene and hexachlorobutadiene are out of spec for the LFB.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

VOA MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Beede Waste Oil - Plaistow, NH

Sample ID: AA62912

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	ND	17	86	67 - 129
1,1,1-Trichloroethane	20	ND	21	106	75 - 139
1,1,2,2-Tetrachloroethane	20	ND	18	88	50 - 142
1,1,2-Trichloro-1,2,2-Trifluoro	20	ND	22	110	55 - 135
1,1,2-Trichloroethane	20	ND	20	100	62 - 142
1,1-Dichloroethylene	20	ND	21	105	80 - 138
1,1-Dichloropropene	20	ND	21	106	73 - 131
1,1-dichloroethane	20	ND	24	118	61 - 152
1,2,3-Trichlorobenzene	20	ND	16	79	49 - 143
1,2,3-Trichloropropane	20	ND	18	89	53 - 135
1,2,4-Trichlorobenzene	20	ND	18	88	63 - 131
1,2,4-Trimethylbenzene	20	ND	22	110	79 - 142
1,2-Dibromo-3-Chloropropane	20	ND	14	71	28 - 122
1,2-Dibromoethane	20	ND	18	89	53 - 139
1,2-Dichlorobenzene	20	ND	20	99	74 - 129
1,2-Dichloroethane	20	ND	20	99	61 - 142
1,2-Dichloropropane	20	ND	19	97	71 - 126
1,3,5-Trimethylbenzene	20	ND	21	106	77 - 140
1,3-Dichlorobenzene	20	ND	20	100	78 - 127
1,3-Dichloropropane	20	ND	20	100	63 - 130
1,4-Dichlorobenzene	20	ND	20	100	72 - 131
2,2-Dichloropropane	20	ND	23	113	50 - 139
2-Butanone (MEK)	20	ND	16	80	29 - 163
2-Chlorotoluene	20	ND	22	110	74 - 134
2-Hexanone	20	ND	14	71	36 - 141
2-Propanone (acetone)	20	ND	12	62	29 - 164
4-Chlorotoluene	20	ND	21	106	68 - 141
4-Methyl-2-Pentanone(MIBK)	20	ND	17	83	35 - 139
Acrylonitrile	20	ND	19	93	42 - 150
Benzene	20	ND	23	116	78 - 134
Bromobenzene	20	ND	18	90	76 - 126
Bromochloromethane	20	ND	21	102	62 - 140
Bromodichloromethane	20	ND	18	90	62 - 133
Bromoform	20	ND	17	83	31 - 133
Bromomethane	20	ND	22	109	58 - 148
Carbon Disulfide	20	ND	17	83	66 - 135
Carbon tetrachloride	20	ND	18	89	62 - 146
Chlorobenzene	20	ND	22	112	74 - 139
Chloroethane	20	ND	23	112	65 - 145
Chloroform	20	ND	21	106	60 - 144
Chloromethane	20	ND	18	88	58 - 134
Dibromochloromethane	20	ND	16	82	34 - 140
Dibromomethane	20	ND	19	93	67 - 125

Dichlorodifluoromethane	20	ND	14	72	30 - 132
Ethyl Ether	20	ND	21	104	58 - 145
Ethylbenzene	20	ND	23	116	73 - 143
Hexachlorobutadiene	20	ND	19	93	56 - 144
Isopropylbenzene	20	ND	21	106	73 - 139
M/P Xylene	40	ND	45	112	79 - 136
Methyl-t-Butyl Ether	20	ND	21	106	50 - 144
Methylene Chloride	20	ND	23	115	70 - 144
N-Butylbenzene	20	ND	20	98	68 - 143
N-Propylbenzene	20	ND	23	112	72 - 149
Naphthalene	20	ND	18	92	33 - 154
Ortho Xylene	20	ND	23	112	80 - 129
Para-Isopropyltoluene	20	ND	20	100	71 - 140
Sec-Butylbenzene	20	ND	23	116	75 - 148
Styrene	20	ND	21	106	61 - 148
Tert-Butylbenzene	20	ND	22	108	71 - 139
Tetrachloroethylene	20	2.0	19	85	45 - 145
Tetrahydrofuran	20	ND	21	107	37 - 143
Toluene	20	ND	24	118	77 - 142
Trans-1,2-Dichloroethylene	20	ND	23	112	79 - 139
Trichloroethylene	20	ND	19	97	65 - 143
Trichlorofluoromethane	20	ND	21	106	58 - 161
Vinyl Acetate	20	ND	17	87	22 - 173
Vinyl Chloride	20	ND	19	96	68 - 139
c-1,3-dichloropropene	20	ND	18	92	51 - 144
cis-1,2-Dichloroethylene	20	1.1	24	116	59 - 154
t-1,3-Dichloropropene	20	ND	17	84	47 - 145

Comments:

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION ug/L	MSD % REC	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	20	16	82	5	40
1,1,1-Trichloroethane	20	22	108	2	16
1,1,2,2-Tetrachloroethane	20	18	91	3	40
1,1,2-Trichloro-1,2,2-Trif	20	22	112	2	40
1,1,2-Trichloroethane	20	19	97	3	40
1,1-Dichloroethylene	20	22	111	6	35
1,1-Dichloropropene	20	21	105	1	40
1,1-dichloroethane	20	24	118	0	40
1,2,3-Trichlorobenzene	20	14	71	11	40
1,2,3-Trichloropropane	20	17	86	3	40
1,2,4-Trichlorobenzene	20	16	80	10	40
1,2,4-Trimethylbenzene	20	20	100	10	40
1,2-Dibromo-3-Chloropro	20	14	69	3	40
1,2-Dibromoethane	20	17	87	3	40
1,2-Dichlorobenzene	20	19	93	6	40
1,2-Dichloroethane	20	20	102	3	23
1,2-Dichloropropane	20	21	106	9	40
1,3,5-Trimethylbenzene	20	21	103	3	40
1,3-Dichlorobenzene	20	19	93	8	40
1,3-Dichloropropane	20	20	99	2	40
1,4-Dichlorobenzene	20	18	92	8	21
2,2-Dichloropropane	20	21	104	8	40
2-Butanone (MEK)	20	16	79	1	40
2-Chlorotoluene	20	20	102	8	40
2-Hexanone	20	14	70	1	40
2-Propanone (acetone)	20	14	68	10	40
4-Chlorotoluene	20	20	98	8	40
4-Methyl-2-Pentanone(M	20	17	87	5	40
Acrylonitrile	20	20	98	5	40
Benzene	20	23	116	0	14
Bromobenzene	20	18	91	1	40
Bromochloromethane	20	19	97	5	40
Bromodichloromethane	20	18	88	2	21
Bromoform	20	16	80	4	40
Bromomethane	20	22	110	1	40
Carbon Disulfide	20	17	83	0	40
Carbon tetrachloride	20	18	90	2	19
Chlorobenzene	20	22	111	1	40
Chloroethane	20	22	111	1	40
Chloroform	20	22	108	2	16
Chloromethane	20	18	90	2	40
Dibromochloromethane	20	17	84	2	36
Dibromomethane	20	19	95	2	40
Dichlorodifluoromethane	20	14	72	1	40
Ethyl Ether	20	23	114	9	40
Ethylbenzene	20	23	114	2	40
Hexachlorobutadiene	20	17	84	10	40
Isopropylbenzene	20	19	97	9	40
M/P Xylene	40	46	114	2	40
Methyl-t-Butyl Ether	20	21	104	2	40
Methylene Chloride	20	23	114	1	40
N-Butylbenzene	20	18	90	9	40

N-Propylbenzene	20	21	104	7	40
Naphthalene	20	18	88	4	40
Ortho Xylene	20	23	114	2	40
Para-Isopropyltoluene	20	18	91	9	40
Sec-Butylbenzene	20	21	103	12	40
Styrene	20	21	106	0	40
Tert-Butylbenzene	20	19	96	12	40
Tetrachloroethylene	20	19	86	2	40
Tetrahydrofuran	20	21	103	4	40
Toluene	20	25	122	3	40
Trans-1,2-Dichloroethyle	20	23	113	1	40
Trichloroethylene	20	21	104	7	22
Trichlorofluoromethane	20	20	100	6	40
Vinyl Acetate	20	17	86	2	40
Vinyl Chloride	20	19	95	1	19
c-1,3-dichloropropene	20	19	97	5	40
cis-1,2-Dichloroethylene	20	23	107	8	40
t-1,3-Dichloropropene	20	16	82	2	40

Comments:

Samples in Batch: AA62902, AA62903, AA62904, AA62905, AA62906, AA62907, AA62908, AA62909, AA62910, AA62911, AA62912

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

Sample ID: AA62904

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
1,1,1,2-Tetrachloroethane	ND	ND	ND	30
1,1,1-Trichloroethane	ND	ND	ND	30
1,1,2,2-Tetrachloroethane	ND	ND	ND	30
1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	ND	ND	30
1,1,2-Trichloroethane	ND	ND	ND	30
1,1-Dichloroethylene	ND	ND	ND	30
1,1-Dichloropropene	ND	ND	ND	30
1,1-dichloroethane	ND	ND	ND	30
1,2,3-Trichlorobenzene	ND	ND	ND	30
1,2,3-Trichloropropane	ND	ND	ND	30
1,2,4-Trichlorobenzene	ND	ND	ND	30
1,2,4-Trimethylbenzene	ND	ND	ND	30
1,2-Dibromo-3-Chloropropane	ND	ND	ND	30
1,2-Dibromoethane	ND	ND	ND	30
1,2-Dichlorobenzene	ND	ND	ND	30
1,2-Dichloroethane	ND	ND	ND	30
1,2-Dichloropropane	ND	ND	ND	30
1,3,5-Trimethylbenzene	ND	ND	ND	30
1,3-Dichlorobenzene	ND	ND	ND	30
1,3-Dichloropropane	ND	ND	ND	30
1,4-Dichlorobenzene	ND	ND	ND	30
2,2-Dichloropropane	ND	ND	ND	30
2-Butanone (MEK)	ND	ND	ND	30
2-Chlorotoluene	ND	ND	ND	30
2-Hexanone	ND	ND	ND	30
2-Propanone (acetone)	ND	ND	ND	30
4-Chlorotoluene	ND	ND	ND	30
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	30
Acrylonitrile	ND	ND	ND	30
Benzene	ND	ND	ND	30
Bromobenzene	ND	ND	ND	30
Bromochloromethane	ND	ND	ND	30
Bromodichloromethane	ND	ND	ND	30
Bromoform	ND	ND	ND	30
Bromomethane	ND	ND	ND	30
Carbon Disulfide	ND	ND	ND	30
Carbon tetrachloride	ND	ND	ND	30
Chlorobenzene	ND	ND	ND	30
Chloroethane	ND	ND	ND	30
Chloroform	ND	ND	ND	30
Chloromethane	ND	ND	ND	30
Dibromochloromethane	ND	ND	ND	30
Dibromomethane	ND	ND	ND	30
Dichlorodifluoromethane	ND	ND	ND	30
Ethyl Ether	ND	ND	ND	30
Ethylbenzene	ND	ND	ND	30
Hexachlorobutadiene	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	30
M/P Xylene	ND	ND	ND	30

Methyl-t-Butyl Ether	ND	ND	ND	30
Methylene Chloride	ND	ND	ND	30
N-Butylbenzene	ND	ND	ND	30
N-Propylbenzene	ND	ND	ND	30
Naphthalene	ND	ND	ND	30
Ortho Xylene	ND	ND	ND	30
Para-Isopropyltoluene	ND	ND	ND	30
Sec-Butylbenzene	ND	ND	ND	30
Styrene	ND	ND	ND	30
Tert-Butylbenzene	ND	ND	ND	30
Tetrachloroethylene	ND	ND	ND	30
Tetrahydrofuran	ND	ND	ND	30
Toluene	ND	ND	ND	30
Trans-1,2-Dichloroethylene	ND	ND	ND	30
Trichloroethylene	ND	ND	ND	30
Trichlorofluoromethane	ND	ND	ND	30
Vinyl Acetate	ND	ND	ND	30
Vinyl Chloride	ND	ND	ND	30
c-1,3-dichloropropene	ND	ND	ND	30
cis-1,2-Dichloroethylene	ND	ND	ND	30
t-1,3-Dichloropropene	ND	ND	ND	30

EPA
Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 20, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070029
Project: Beede Waste Oil - Plaistow, NH
Analysis: VOAs in Water
Analyst: Dan Boudreau DB 7/20/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-VOAGCMS8.

Samples were analyzed by GC/MS. Samples were introduced to the GC via a Tekmar pre-concentrator and an Archon autosampler. The analysis SOP is based on US EPA Method 8260B, SW-846, Rev 2.0,1996. Method 624, 40CFR Part 136 Appendix A, July 1, 1992, and USEPA CLP SOW for Organic Analysis OLM04.2, 1999.

Date Samples Received by the Laboratory: 7/17/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau
Chemistry Team Leader

7/26/06

Qualifiers: RL = Reporting limit
ND = Not Detected above Reporting limit
NA = Not Applicable due to high sample dilutions or sample interferences
NC = Not calculated since analyte concentration is ND.
J = Estimated value
E = Estimated value exceeds the calibration range
L = Estimated value is below the calibration range
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP-09	Lab Sample ID:	AA62949
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	112	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	105	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP-10	Lab Sample ID:	AA62950
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	114	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	100	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH41S	Lab Sample ID:	AA62951
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	112	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5.0 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	6

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	99	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments: Method blank for AA62951 MS & MSD.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH-44S	Lab Sample ID:	AA62952
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	118	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	102	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH2D	Lab Sample ID:	AA62953
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	115	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	100	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-AE11D	Lab Sample ID:	AA62954
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	**1.8**	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	**2.3**	1.0	J
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**5.2**	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	116	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	100	78 - 111

Comments: MEK is out of spec in the CCV.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH2S	Lab Sample ID:	AA62955
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	114	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH2S DUP	Lab Sample ID:	AA62956
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	112	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH18D	Lab Sample ID:	AA62957
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	115	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	95	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SWWP15	Lab Sample ID:	AA62958
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	116	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	99	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5.0 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	6

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	112	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	95	78 - 111

Comments: Method blank for samples AA62949 - AA62959, and AA62958 Dup.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SWWP14	Lab Sample ID:	AA62959
Date of Collection:	7/14/2006	Matrix	Water
Date of Extraction:	7/17/06	Volume Purged:	5 mL
Date of Analysis:	7/17/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	116	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY FORTIFIED BLANK (LFB) AND DUPLICATE (LFB Dup) RECOVERY

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED ug/mL	LFB CONCENTRATION ug/mL	LFB RECOVERY %	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	22	110	79 - 136
1,1,1-Trichloroethane	20	25	125	75 - 146
1,1,2,2-Tetrachloroethane	20	21	105	62 - 141
1,1,2-Trichloro-1,2,2-Trifluoroeth	20	28	140	56 - 130
1,1,2-Trichloroethane	20	23	115	75 - 138
1,1-Dichloroethylene	20	24	120	75 - 136
1,1-Dichloropropene	20	20	100	77 - 137
1,1-dichloroethane	20	22	110	76 - 142
1,2,3-Trichlorobenzene	20	19	95	64 - 143
1,2,3-Trichloropropane	20	18	90	66 - 133
1,2,4-Trichlorobenzene	20	19	95	80 - 131
1,2,4-Trimethylbenzene	20	20	100	74 - 155
1,2-Dibromo-3-Chloropropane	20	18	90	37 - 139
1,2-Dibromoethane	20	22	110	72 - 135
1,2-Dichlorobenzene	20	19	95	85 - 128
1,2-Dichloroethane	20	24	120	74 - 138
1,2-Dichloropropane	20	19	95	83 - 124
1,3,5-Trimethylbenzene	20	20	100	80 - 145
1,3-Dichlorobenzene	20	19	95	84 - 130
1,3-Dichloropropane	20	21	105	77 - 129
1,4-Dichlorobenzene	20	19	95	82 - 128
2,2-Dichloropropane	20	28	140	32 - 171
2-Butanone (MEK)	20	34	170	38 - 179
2-Chlorotoluene	20	19	95	78 - 134
2-Hexanone	20	24	120	45 - 158
2-Propanone (acetone)	20	48	240	14 - 209
4-Chlorotoluene	20	19	95	75 - 144
4-Methyl-2-Pentanone(MIBK)	20	19	95	40 - 144
Acrylonitrile	20	22	110	52 - 154
Benzene	20	21	105	83 - 130
Bromobenzene	20	20	100	85 - 126
Bromochloromethane	20	21	105	69 - 137
Bromodichloromethane	20	22	110	70 - 143
Bromoform	20	19	95	51 - 136
Bromomethane	20	12	60	65 - 140
Carbon Disulfide	20	20	100	68 - 140
Carbon tetrachloride	20	21	105	70 - 144
Chlorobenzene	20	23	115	84 - 131
Chloroethane	20	21	105	70 - 134
Chloroform	20	23	115	76 - 141
Chloromethane	20	24	120	63 - 123
Dibromochloromethane	20	20	100	39 - 154
Dibromomethane	20	21	105	79 - 124
Dichlorodifluoromethane	20	14	70	37 - 117
Ethyl Ether	20	22	110	67 - 140
Ethylbenzene	20	21	105	81 - 133
Hexachlorobutadiene	20	19	95	68 - 146
Isopropylbenzene	20	18	90	78 - 137
M/P Xylene	40	42	105	68 - 155

Methyl-t-Butyl Ether	20	23	115	63 - 144
Methylene Chloride	20	24	120	75 - 140
N-Butylbenzene	20	20	100	69 - 147
N-Propylbenzene	20	20	100	76 - 138
Naphthalene	20	18	90	53 - 155
Ortho Xylene	20	21	105	85 - 135
Para-Isopropyltoluene	20	19	95	77 - 141
Sec-Butylbenzene	20	19	95	80 - 141
Styrene	20	19	95	82 - 139
Tert-Butylbenzene	20	19	95	75 - 144
Tetrachloroethylene	20	17	85	32 - 173
Tetrahydrofuran	20	22	110	47 - 149
Toluene	20	21	105	85 - 134
Trans-1,2-Dichloroethylene	20	24	120	80 - 138
Trichloroethylene	20	21	105	76 - 135
Trichlorofluoromethane	20	20	100	60 - 149
Vinyl Acetate	20	23	115	38 - 187
Vinyl Chloride	20	20	100	66 - 133
c-1,3-dichloropropene	20	25	125	68 - 149
cis-1,2-Dichloroethylene	20	22	110	76 - 143
t-1,3-Dichloropropene	20	26	130	62 - 160

COMPOUND	LFB Dup CONCENTRATION ug/L	LFB Dup RECOVERY %	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	21	103	7	40
1,1,1-Trichloroethane	23	113	10	16
1,1,2,2-Tetrachloroethane	20	99	6	40
1,1,2-Trichloro-1,2,2-Trifluo	28	141	0	40
1,1,2-Trichloroethane	20	102	13	40
1,1-Dichloroethylene	22	110	9	35
1,1-Dichloropropene	19	96	5	40
1,1-dichloroethane	22	112	1	40
1,2,3-Trichlorobenzene	18	92	4	40
1,2,3-Trichloropropane	16	82	10	40
1,2,4-Trichlorobenzene	18	88	8	40
1,2,4-Trimethylbenzene	20	99	2	40
1,2-Dibromo-3-Chloropropa	17	84	8	40
1,2-Dibromoethane	19	93	17	40
1,2-Dichlorobenzene	19	93	2	40
1,2-Dichloroethane	23	115	4	23
1,2-Dichloropropane	18	92	4	40
1,3,5-Trimethylbenzene	19	96	4	40
1,3-Dichlorobenzene	19	93	3	40
1,3-Dichloropropane	20	99	6	40
1,4-Dichlorobenzene	18	91	5	21
2,2-Dichloropropane	22	109	25	40
2-Butanone (MEK)	26	131	26	40
2-Chlorotoluene	20	98	3	40
2-Hexanone	21	105	13	40
2-Propanone (acetone)	30	152	45	40
4-Chlorotoluene	19	94	1	40
4-Methyl-2-Pentanone(MIB	17	87	9	40
Acrylonitrile	22	112	1	40
Benzene	20	100	5	14
Bromobenzene	19	93	8	40
Bromochloromethane	24	118	11	40
Bromodichloromethane	20	101	9	21
Bromoform	17	86	10	40
Bromomethane	13	63	5	40
Carbon Disulfide	19	94	6	40
Carbon tetrachloride	20	98	7	19
Chlorobenzene	22	112	3	40
Chloroethane	21	104	1	40
Chloroform	24	121	5	16
Chloromethane	21	105	14	40
Dibromochloromethane	18	89	12	36
Dibromomethane	21	104	1	40
Dichlorodifluoromethane	13	66	6	40
Ethyl Ether	22	108	2	40
Ethylbenzene	20	101	4	40
Hexachlorobutadiene	19	94	1	40
Isopropylbenzene	17	84	8	40
M/P Xylene	43	107	2	40
Methyl-t-Butyl Ether	20	102	13	40
Methylene Chloride	23	116	3	40
N-Butylbenzene	19	96	4	40
N-Propylbenzene	19	93	7	40
Naphthalene	15	76	17	40
Ortho Xylene	19	97	8	40
Para-Isopropyltoluene	18	90	5	40
Sec-Butylbenzene	19	93	2	40
Styrene	20	102	7	40

Tert-Butylbenzene	19	94	2	40
Tetrachloroethylene	19	93	9	40
Tetrahydrofuran	18	92	18	40
Toluene	22	108	3	40
Trans-1,2-Dichloroethylene	22	111	8	40
Trichloroethylene	19	96	9	22
Trichlorofluoromethane	21	103	3	40
Vinyl Acetate	19	93	22	40
Vinyl Chloride	19	97	4	19
c-1,3-dichloropropene	21	105	18	40
cis-1,2-Dichloroethylene	23	114	3	40
t-1,3-Dichloropropene	21	106	20	40

Samples in Batch: AA62949, AA62950, AA62951, AA62952, AA62953, AA62954, AA62955, AA62956, AA62957, AA62958, AA62959

Comments: Bromomethane, acetone, and 1,1,2-trichloro-1,2,2-trifluoroethane are out of spec in the LFB. Bromomethane and 1,12-trichloro-1,2,2-trifluororethane are out of spec in the LFB Dup.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

VOA MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Beede Waste Oil - Plaistow, NH

Sample ID: AA62951

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	ND	19	93	67 - 129
1,1,1-Trichloroethane	20	ND	22	112	75 - 139
1,1,2,2-Tetrachloroethane	20	ND	18	90	50 - 142
1,1,2-Trichloro-1,2,2-Trifluoro	20	ND	18	91	55 - 135
1,1,2-Trichloroethane	20	ND	19	93	62 - 142
1,1-Dichloroethylene	20	ND	21	104	80 - 138
1,1-Dichloropropene	20	ND	21	105	73 - 131
1,1-dichloroethane	20	ND	22	112	61 - 152
1,2,3-Trichlorobenzene	20	ND	16	78	49 - 143
1,2,3-Trichloropropane	20	ND	16	80	53 - 135
1,2,4-Trichlorobenzene	20	ND	19	93	63 - 131
1,2,4-Trimethylbenzene	20	ND	19	95	79 - 142
1,2-Dibromo-3-Chloropropane	20	ND	14	69	28 - 122
1,2-Dibromoethane	20	ND	18	88	53 - 139
1,2-Dichlorobenzene	20	ND	18	89	74 - 129
1,2-Dichloroethane	20	ND	20	101	61 - 142
1,2-Dichloropropane	20	ND	20	98	71 - 126
1,3,5-Trimethylbenzene	20	ND	19	97	77 - 140
1,3-Dichlorobenzene	20	ND	17	86	78 - 127
1,3-Dichloropropane	20	ND	19	93	63 - 130
1,4-Dichlorobenzene	20	ND	17	87	72 - 131
2,2-Dichloropropane	20	ND	25	122	50 - 139
2-Butanone (MEK)	20	ND	15	73	29 - 163
2-Chlorotoluene	20	ND	18	92	74 - 134
2-Hexanone	20	ND	13	65	36 - 141
2-Propanone (acetone)	20	ND	12	59	29 - 164
4-Chlorotoluene	20	ND	19	93	68 - 141
4-Methyl-2-Pentanone(MIBK)	20	ND	16	80	35 - 139
Acrylonitrile	20	ND	19	94	42 - 150
Benzene	20	ND	22	108	78 - 134
Bromobenzene	20	ND	17	85	76 - 126
Bromochloromethane	20	ND	20	100	62 - 140
Bromodichloromethane	20	ND	18	88	62 - 133
Bromoform	20	ND	17	84	31 - 133
Bromomethane	20	ND	20	100	58 - 148
Carbon Disulfide	20	ND	18	91	66 - 135
Carbon tetrachloride	20	ND	19	93	62 - 146
Chlorobenzene	20	ND	23	113	74 - 139
Chloroethane	20	ND	20	101	65 - 145
Chloroform	20	ND	21	104	60 - 144
Chloromethane	20	ND	17	87	58 - 134
Dibromochloromethane	20	ND	17	84	34 - 140
Dibromomethane	20	ND	19	93	67 - 125
Dichlorodifluoromethane	20	ND	13	66	30 - 132

Ethyl Ether	20	ND	21	106	58 - 145
Ethylbenzene	20	ND	22	108	73 - 143
Hexachlorobutadiene	20	ND	15	73	56 - 144
Isopropylbenzene	20	ND	19	93	73 - 139
M/P Xylene	40	ND	45	113	79 - 136
Methyl-t-Butyl Ether	20	ND	20	98	50 - 144
Methylene Chloride	20	ND	22	110	70 - 144
N-Butylbenzene	20	ND	17	83	68 - 143
N-Propylbenzene	20	ND	19	96	72 - 149
Naphthalene	20	ND	15	76	33 - 154
Ortho Xylene	20	ND	22	108	80 - 129
Para-Isopropyltoluene	20	ND	18	89	71 - 140
Sec-Butylbenzene	20	ND	20	99	75 - 148
Styrene	20	ND	20	101	61 - 148
Tert-Butylbenzene	20	ND	18	91	71 - 139
Tetrachloroethylene	20	ND	19	93	45 - 145
Tetrahydrofuran	20	ND	20	98	37 - 143
Toluene	20	ND	23	116	77 - 142
Trans-1,2-Dichloroethylene	20	ND	21	106	79 - 139
Trichloroethylene	20	ND	19	95	65 - 143
Trichlorofluoromethane	20	ND	21	104	58 - 161
Vinyl Acetate	20	ND	18	89	22 - 173
Vinyl Chloride	20	ND	18	90	68 - 139
c-1,3-dichloropropene	20	ND	19	97	51 - 144
cis-1,2-Dichloroethylene	20	ND	22	112	59 - 154
t-1,3-Dichloropropene	20	ND	18	88	47 - 145

Comments:

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION ug/L	MSD % REC	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	20	18	91	2	40
1,1,1-Trichloroethane	20	22	109	3	16
1,1,2,2-Tetrachloroethane	20	17	85	6	40
1,1,2-Trichloro-1,2,2-Trif	20	16	81	11	40
1,1,2-Trichloroethane	20	19	93	0	40
1,1-Dichloroethylene	20	21	102	2	35
1,1-Dichloropropene	20	21	105	0	40
1,1-dichloroethane	20	22	112	0	40
1,2,3-Trichlorobenzene	20	18	88	12	40
1,2,3-Trichloropropane	20	17	85	7	40
1,2,4-Trichlorobenzene	20	16	82	12	40
1,2,4-Trimethylbenzene	20	19	97	3	40
1,2-Dibromo-3-Chloropro	20	12	59	16	40
1,2-Dibromoethane	20	16	82	6	40
1,2-Dichlorobenzene	20	19	93	4	40
1,2-Dichloroethane	20	20	102	1	23
1,2-Dichloropropane	20	20	98	0	40
1,3,5-Trimethylbenzene	20	19	95	2	40
1,3-Dichlorobenzene	20	19	94	9	40
1,3-Dichloropropane	20	19	97	4	40
1,4-Dichlorobenzene	20	19	93	7	21
2,2-Dichloropropane	20	23	114	7	40
2-Butanone (MEK)	20	15	74	1	40
2-Chlorotoluene	20	19	96	4	40
2-Hexanone	20	14	68	4	40
2-Propanone (acetone)	20	11	57	3	40
4-Chlorotoluene	20	19	95	2	40
4-Methyl-2-Pentanone(M	20	16	80	0	40
Acrylonitrile	20	20	99	6	40
Benzene	20	23	112	4	14
Bromobenzene	20	19	95	11	40
Bromochloromethane	20	20	102	2	40
Bromodichloromethane	20	18	89	2	21
Bromoform	20	17	84	1	40
Bromomethane	20	20	99	1	40
Carbon Disulfide	20	17	86	5	40
Carbon tetrachloride	20	19	97	5	19
Chlorobenzene	20	23	116	3	40
Chloroethane	20	20	100	1	40
Chloroform	20	21	104	0	16
Chloromethane	20	18	88	2	40
Dibromochloromethane	20	18	89	6	36
Dibromomethane	20	19	94	1	40
Dichlorodifluoromethane	20	13	64	4	40
Ethyl Ether	20	20	99	7	40
Ethylbenzene	20	23	114	5	40
Hexachlorobutadiene	20	17	85	15	40
Isopropylbenzene	20	19	94	2	40
M/P Xylene	40	44	111	2	40
Methyl-t-Butyl Ether	20	19	97	1	40
Methylene Chloride	20	22	111	1	40
N-Butylbenzene	20	17	83	1	40

N-Propylbenzene	20	20	101	6	40
Naphthalene	20	17	84	9	40
Ortho Xylene	20	22	110	2	40
Para-Isopropyltoluene	20	18	90	2	40
Sec-Butylbenzene	20	21	103	4	40
Styrene	20	21	106	5	40
Tert-Butylbenzene	20	19	93	2	40
Tetrachloroethylene	20	19	93	1	40
Tetrahydrofuran	20	20	100	2	40
Toluene	20	23	114	2	40
Trans-1,2-Dichloroethyle	20	22	110	4	40
Trichloroethylene	20	20	100	5	22
Trichlorofluoromethane	20	20	100	4	40
Vinyl Acetate	20	17	87	2	40
Vinyl Chloride	20	18	90	1	19
c-1,3-dichloropropene	20	20	99	2	40
cis-1,2-Dichloroethylene	20	22	108	4	40
t-1,3-Dichloropropene	20	18	88	1	40

Comments:

Samples in Batch: AA62949, AA62950, AA62951, AA62952, AA62953, AA62954, AA62955, AA62956, AA62957, AA62958, AA62959

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

Sample ID: AA62958

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
1,1,1,2-Tetrachloroethane	ND	ND	ND	30
1,1,1-Trichloroethane	ND	ND	ND	30
1,1,2,2-Tetrachloroethane	ND	ND	ND	30
1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	ND	ND	30
1,1,2-Trichloroethane	ND	ND	ND	30
1,1-Dichloroethylene	ND	ND	ND	30
1,1-Dichloropropene	ND	ND	ND	30
1,1-dichloroethane	ND	ND	ND	30
1,2,3-Trichlorobenzene	ND	ND	ND	30
1,2,3-Trichloropropane	ND	ND	ND	30
1,2,4-Trichlorobenzene	ND	ND	ND	30
1,2,4-Trimethylbenzene	ND	ND	ND	30
1,2-Dibromo-3-Chloropropane	ND	ND	ND	30
1,2-Dibromoethane	ND	ND	ND	30
1,2-Dichlorobenzene	ND	ND	ND	30
1,2-Dichloroethane	ND	ND	ND	30
1,2-Dichloropropane	ND	ND	ND	30
1,3,5-Trimethylbenzene	ND	ND	ND	30
1,3-Dichlorobenzene	ND	ND	ND	30
1,3-Dichloropropane	ND	ND	ND	30
1,4-Dichlorobenzene	ND	ND	ND	30
2,2-Dichloropropane	ND	ND	ND	30
2-Butanone (MEK)	ND	ND	ND	30
2-Chlorotoluene	ND	ND	ND	30
2-Hexanone	ND	ND	ND	30
2-Propanone (acetone)	ND	ND	ND	30
4-Chlorotoluene	ND	ND	ND	30
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	30
Acrylonitrile	ND	ND	ND	30
Benzene	ND	ND	ND	30
Bromobenzene	ND	ND	ND	30
Bromochloromethane	ND	ND	ND	30
Bromodichloromethane	ND	ND	ND	30
Bromoform	ND	ND	ND	30
Bromomethane	ND	ND	ND	30
Carbon Disulfide	ND	ND	ND	30
Carbon tetrachloride	ND	ND	ND	30
Chlorobenzene	ND	ND	ND	30
Chloroethane	ND	ND	ND	30
Chloroform	ND	ND	ND	30
Chloromethane	ND	ND	ND	30
Dibromochloromethane	ND	ND	ND	30
Dibromomethane	ND	ND	ND	30
Dichlorodifluoromethane	ND	ND	ND	30
Ethyl Ether	ND	ND	ND	30
Ethylbenzene	ND	ND	ND	30
Hexachlorobutadiene	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	30
M/P Xylene	ND	ND	ND	30
Methyl-t-Butyl Ether	ND	ND	ND	30

Methylene Chloride	ND	ND	ND	30
N-Butylbenzene	ND	ND	ND	30
N-Propylbenzene	ND	ND	ND	30
Naphthalene	ND	ND	ND	30
Ortho Xylene	ND	ND	ND	30
Para-Isopropyltoluene	ND	ND	ND	30
Sec-Butylbenzene	ND	ND	ND	30
Styrene	ND	ND	ND	30
Tert-Butylbenzene	ND	ND	ND	30
Tetrachloroethylene	ND	ND	ND	30
Tetrahydrofuran	ND	ND	ND	30
Toluene	ND	ND	ND	30
Trans-1,2-Dichloroethylene	ND	ND	ND	30
Trichloroethylene	ND	ND	ND	30
Trichlorofluoromethane	ND	ND	ND	30
Vinyl Acetate	ND	ND	ND	30
Vinyl Chloride	ND	ND	ND	30
c-1,3-dichloropropene	ND	ND	ND	30
cis-1,2-Dichloroethylene	ND	ND	ND	30
t-1,3-Dichloropropene	ND	ND	ND	30

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

July 24, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070029
Project: Beede Waste Oil - Plaistow, NH
Analysis: Alkalinity
Analyst: Inna Germansderfer I G 8/3/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, INGALKCARB0.SOP.

Analysis was performed by ESAT contractors working at the EPA New England Laboratory.

Date Samples Received by the Laboratory: 07/17/2006

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N Boudreau 8/4/06

Daniel N. Boudreau
Chemistry Team Leader

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Alkalinity

Date of Collection: 07/14/2006
Matrix: Water

Sample Number	Lab ID	Analysis	Concentration mg/L	RL mg/L	Qualifier
BWO-SH2D	AA62953	07/18/2006	**56**	20	
Comments					
Blank		07/18/2006	ND	20	
Comments					
BWO-SH2S	AA62955	07/18/2006	**7.3**	0.7	B
Comments					
BWO-SH2S D	AA62956	07/18/2006	**5.0**	0.5	B
Comments					
Blank		07/18/2006	**1.3**	0.5	
Comments					

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

SAMPLE ID	PARAMETER	SAMPLE RESULT mg/L	SAMPLE DUPE RESULT mg/L	PRECISION RPD %	QC LIMITS (%RPD)
AA62953	Alkalinity	56	57	1.8	15
AA62955	Alkalinity	7.3	7.3	0	15

Comments:

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 31, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070029
Project: Beede Waste Oil - Plaistow, NH
Analysis: Ion Chromatography Anions
Analyst: Inna Germansderfer I F 8/8/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGDXIC9.

The analysis was performed using either a Dionex DX320 or DX120 Ion Chromatograph.

Date Samples Received by the Laboratory: 7/17/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/10/06
Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL = Reporting limit
ND = Not Detected above reporting limit
NA = Not Applicable
NC = Not calculated since analyte concentration is ND
J1 = Estimated value due to MS recovery outside accceptance criteria
J2 = Estimated value due to LFB result outside acceptance criteria
J3 = Estimated value due to RPD result outside acceptance criteria
J4 = Estimated value due to LCS result outside acceptance criteria
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH2D	Lab Sample ID:	AA62953
Date of Collection:	07/14/2006 15:31	Matrix	Water
Date of Analysis:	07/19/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**5.7**	0.10	
	Fluoride	**0.36**	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**14**	0.10	

Comments: Sample was run 7.19.06 at 15.21 pm.
Samples were log in 7/14/06(friday) and by client request were analyzed out of hold time for nitrate/nitrite.

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH2S	Lab Sample ID:	AA62955
Date of Collection:	07/14/2006 15:13	Matrix	Water
Date of Analysis:	07/19/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**1.7**	0.10	
	Fluoride	ND	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**3.0**	0.10	J

Comments: J- estimated value, MS recovery outside QC limits.
Sample was run 7.19.06 at 15.59 pm
Samples were log in 7/14/06(friday) and by client request were analyzed out of hold time for nitrate/nitrite.

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH2S DUP	Lab Sample ID:	AA62956
Date of Collection:	07/14/2006 15:13	Matrix	Water
Date of Analysis:	07/19/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**1.7**	0.10	
	Fluoride	ND	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**2.8**	0.10	

Comments: Sample was run 7.19.06 at 16.38 pm
Samples were log in 7/14/06(friday) and by client request were analyzed out of hold time for nitrate/nitrite.

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Analysis:	07/19/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	ND	0.10	
	Fluoride	ND	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	ND	0.10	

Comments: Sample was run 7.19.06 at 14.17 pm

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MATRIX SPIKE (MS) RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED mg/L	SAMPLE CONCENTRATION mg/L	MS CONCENTRATION mg/L	MS % REC	QC LIMITS (% REC)
Sample ID: AA62955					
Bromide	5	ND	4.0	80	80 - 120
Chloride	1.5	1.7	3.1	99	80 - 120
Fluoride	1	ND	0.9	90	80 - 120
Nitrate	5	ND	5.5	110	80 - 120
Nitrite	5	ND	4.2	84	80 - 120
Sulfate	7.5	3.0	8.7	78	80 - 120

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY DUPLICATE RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SAMPLE RESULT mg/L	SAMPLE DUPLICATE RESULT mg/L	PRECISION RPD %	QC LIMITS RPD (%)
Sample ID: AA62953				
Bromide	ND	ND	ND	20
Chloride	5.7	5.7	0.0	20
Fluoride	0.36	0.37	2.7	20
Nitrate	ND	ND	ND	20
Nitrite	ND	ND	ND	20
Sulfate	14	14	0.0	20

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

Beede Waste Oil - Plaistow, NH

COMPOUND	LFB AMOUNT SPIKED mg/L	LFB RESULT mg/L	LFB RECOVERY %	QC LIMITS %
Sample ID: AA62956				
Bromide	5	5.2	104	90 - 110
Chloride	1.5	1.5	100	90 - 110
Fluoride	1	1.08	108	90 - 110
Nitrate	5	5.2	104	90 - 110
Nitrite	5	5.2	104	90 - 110
Sulfate	7.5	7.7	103	90 - 110

Samples in Batch: AA62953, AA62955, AA62956

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology Drive
N. Chelmsford MA 01863

Project Number: 06070029
Project: Beede Waste Oil - Plaistow, NH
Analysis: Total Recoverable Metals in Water by ICP
EPA Chemist: Mike Dowling
MD 8/14/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGICP6.

Samples were analyzed by inductively coupled plasma - atomic emission spectrometry using pneumatic nebulization. Preparation and analysis SOP's are based on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Revision 2, Final Update III, Methods 3010A and 6010B." respectively.

Date Samples Received by the Laboratory: 7/17/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions, please call me at 617-918-8340.

Sincerely,

Daniel N Boudreau 8/14/06
Daniel N Boudreau
Chemistry Laboratory Services Coordinator

Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside accceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

The samples were prepared and analyzed by ESAT contractors.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH2D	Lab Sample ID:	AA62953
Date of Collection:	7/14/2006	Matrix:	Water
Date of Preparation:	7/18/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	**69**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH2S	Lab Sample ID:	AA62955
Date of Collection:	7/14/2006	Matrix:	Water
Date of Preparation:	7/18/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH2S DUP	Lab Sample ID:	AA62956
Date of Collection:	7/14/2006	Matrix:	Water
Date of Preparation:	7/18/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Reagent Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix:	Water
Date of Preparation:	7/18/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Sample ID: AA62956

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
Iron	500	ND	516	103	75 - 125
Manganese	500	ND	505	101	75 - 125

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Sample ID: AA62953

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
Iron	ND	ND	NC	20
Manganese	69	69	0	20

Comments:

Laboratory Fortified Blank (LFB) Results

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Iron	500	506	101	85 - 115
Manganese	500	507	101	85 - 115

Comments:

Samples in Batch: AA62953, AA62955, AA62956

EPA
Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 19, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070032
Project: Beede Waste Oil - Plaistow, NH
Analysis: VOAs in Water
Analyst: Dan Boudreau DB 7/19/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-VOAGCMS8.

Samples were analyzed by GC/MS. Samples were introduced to the GC via a Tekmar pre-concentrator and an Archon autosampler. The analysis SOP is based on US EPA Method 8260B, SW-846, Rev 2.0,1996. Method 624, 40CFR Part 136 Appendix A, July 1, 1992, and USEPA CLP SOW for Organic Analysis OLM04.2, 1999.

Date Samples Received by the Laboratory: 7/18/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau
Chemistry Team Leader 7/26/06

Qualifiers: RL = Reporting limit
ND = Not Detected above Reporting limit
NA = Not Applicable due to high sample dilutions or sample interferences
NC = Not calculated since analyte concentration is ND.
J = Estimated value
E = Estimated value exceeds the calibration range
L = Estimated value is below the calibration range
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 12	Lab Sample ID:	AA62979
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	116	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	102	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 11	Lab Sample ID:	AA62980
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	108	74 - 136
Toluene-D8	103	85 - 118
1,4-Bromofluorobenzene	102	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH15I	Lab Sample ID:	AA62981
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	100	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH15S	Lab Sample ID:	AA62982
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	110	74 - 136
Toluene-D8	97	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH2I	Lab Sample ID:	AA62983
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	**11**	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	**4.4**	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**28**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	**1.6**	1.0	
107-06-2	1,2-Dichloroethane	**5.7**	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	**19**	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	**1.5**	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**3.1**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	**8.8**	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**330**	10
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	105	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments: Cis-1,2-dichloroethylene is reported from a 10x dilution.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH14S	Lab Sample ID:	AA62984
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**2.0**	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	100	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	93	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH14I	Lab Sample ID:	AA62985
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**1.3**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	**1.0**	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	**2.5**	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	**3.3**	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**1.1**	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	107	74 - 136
Toluene-D8	104	85 - 118
1,4-Bromofluorobenzene	96	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH14D	Lab Sample ID:	AA62986
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	112	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	90	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH26S	Lab Sample ID:	AA62987
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	**38**	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	**25**	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	**1.2**	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**41**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	**34**	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	**4.8**	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	**14**	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	**3.0**	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	**7.1**	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	**3.7**	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	**19**	1.0
95-47-6	Ortho Xylene	**36**	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**1.3**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	**15**	1.0
79-01-6	Trichloroethylene	**1.5**	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	**78**	10
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**490**	10
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	112	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments: Vinyl chloride and cis-1,2-dichloroethylene are reported from a 10x dilution.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH15D	Lab Sample ID:	AA62988
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	106	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	92	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SWWP12	Lab Sample ID:	AA62989
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	112	74 - 136
Toluene-D8	103	85 - 118
1,4-Bromofluorobenzene	95	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5.0 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	103	74 - 136
Toluene-D8	99	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments: Method Blank for samples AA62979 - AA62989.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SWWP10	Lab Sample ID:	AA62990
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	88	74 - 136
Toluene-D8	96	85 - 118
1,4-Bromofluorobenzene	87	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5.0 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	92	74 - 136
Toluene-D8	98	85 - 118
1,4-Bromofluorobenzene	93	78 - 111

Comments: Method blank for AA62990 - AA62992; AA62991 MS/MSD, AA62983 (10x), and AA62987 (10x)

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-AE18D	Lab Sample ID:	AA62991
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	94	74 - 136
Toluene-D8	93	85 - 118
1,4-Bromofluorobenzene	89	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-AE18S	Lab Sample ID:	AA62992
Date of Collection:	7/17/2006	Matrix	Water
Date of Extraction:	7/18/06	Volume Purged:	5 mL
Date of Analysis:	7/18/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	**15**	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	**8.8**	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**8.8**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	**3.0**	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	**1.3**	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	**1.4**	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	**3.3**	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	**1.8**	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	**2.8**	1.0
95-47-6	Ortho Xylene	**3.4**	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**1.0**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	**2.7**	1.0
79-01-6	Trichloroethylene	**1.1**	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	**17**	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**140**	5.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	90	74 - 136
Toluene-D8	95	85 - 118
1,4-Bromofluorobenzene	90	78 - 111

Comments: Cis-1,2-dichloroethylene is reported form a 5x dilution.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

VOA MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Beede Waste Oil - Plaistow, NH

Sample ID: AA62991

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	ND	21	104	67 - 129
1,1,1-Trichloroethane	20	ND	23	112	75 - 139
1,1,2,2-Tetrachloroethane	20	ND	20	98	50 - 142
1,1,2-Trichloro-1,2,2-Trifluoro	20	ND	28	138	55 - 135
1,1,2-Trichloroethane	20	ND	22	111	62 - 142
1,1-Dichloroethylene	20	ND	21	106	80 - 138
1,1-Dichloropropene	20	ND	18	88	73 - 131
1,1-dichloroethane	20	ND	22	108	61 - 152
1,2,3-Trichlorobenzene	20	ND	17	87	49 - 143
1,2,3-Trichloropropane	20	ND	16	81	53 - 135
1,2,4-Trichlorobenzene	20	ND	18	90	63 - 131
1,2,4-Trimethylbenzene	20	ND	19	93	79 - 142
1,2-Dibromo-3-Chloropropane	20	ND	15	74	28 - 122
1,2-Dibromoethane	20	ND	20	100	53 - 139
1,2-Dichlorobenzene	20	ND	18	92	74 - 129
1,2-Dichloroethane	20	ND	20	102	61 - 142
1,2-Dichloropropane	20	ND	18	92	71 - 126
1,3,5-Trimethylbenzene	20	ND	19	96	77 - 140
1,3-Dichlorobenzene	20	ND	19	93	78 - 127
1,3-Dichloropropane	20	ND	19	97	63 - 130
1,4-Dichlorobenzene	20	ND	18	89	72 - 131
2,2-Dichloropropane	20	ND	18	90	50 - 139
2-Butanone (MEK)	20	ND	24	121	29 - 163
2-Chlorotoluene	20	ND	20	102	74 - 134
2-Hexanone	20	ND	20	100	36 - 141
2-Propanone (acetone)	20	ND	20	99	29 - 164
4-Chlorotoluene	20	ND	18	90	68 - 141
4-Methyl-2-Pentanone(MIBK)	20	ND	18	91	35 - 139
Acrylonitrile	20	ND	23	117	42 - 150
Benzene	20	ND	21	104	78 - 134
Bromobenzene	20	ND	19	94	76 - 126
Bromochloromethane	20	ND	25	122	62 - 140
Bromodichloromethane	20	ND	18	88	62 - 133
Bromoform	20	ND	18	92	31 - 133
Bromomethane	20	ND	14	69	58 - 148
Carbon Disulfide	20	ND	26	132	66 - 135
Carbon tetrachloride	20	ND	19	97	62 - 146
Chlorobenzene	20	ND	22	110	74 - 139
Chloroethane	20	ND	21	106	65 - 145
Chloroform	20	ND	23	117	60 - 144
Chloromethane	20	ND	20	100	58 - 134
Dibromochloromethane	20	ND	19	96	34 - 140
Dibromomethane	20	ND	20	102	67 - 125
Dichlorodifluoromethane	20	ND	11	53	30 - 132

Ethyl Ether	20	ND	22	111	58 - 145
Ethylbenzene	20	ND	20	99	73 - 143
Hexachlorobutadiene	20	ND	17	84	56 - 144
Isopropylbenzene	20	ND	17	86	73 - 139
M/P Xylene	40	ND	41	103	79 - 136
Methyl-t-Butyl Ether	20	ND	23	117	50 - 144
Methylene Chloride	20	ND	23	113	70 - 144
N-Butylbenzene	20	ND	18	90	68 - 143
N-Propylbenzene	20	ND	19	94	72 - 149
Naphthalene	20	ND	16	80	33 - 154
Ortho Xylene	20	ND	21	104	80 - 129
Para-Isopropyltoluene	20	ND	17	87	71 - 140
Sec-Butylbenzene	20	ND	19	94	75 - 148
Styrene	20	ND	19	94	61 - 148
Tert-Butylbenzene	20	ND	18	92	71 - 139
Tetrachloroethylene	20	ND	17	87	45 - 145
Tetrahydrofuran	20	ND	22	110	37 - 143
Toluene	20	ND	23	115	77 - 142
Trans-1,2-Dichloroethylene	20	ND	23	117	79 - 139
Trichloroethylene	20	ND	20	100	65 - 143
Trichlorofluoromethane	20	ND	20	100	58 - 161
Vinyl Acetate	20	ND	19	95	22 - 173
Vinyl Chloride	20	ND	17	86	68 - 139
c-1,3-dichloropropene	20	ND	21	104	51 - 144
cis-1,2-Dichloroethylene	20	ND	25	127	59 - 154
t-1,3-Dichloropropene	20	ND	19	95	47 - 145

Comments:

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION ug/L	MSD % REC	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	20	18	88	17	40
1,1,1-Trichloroethane	20	19	93	19	16
1,1,2,2-Tetrachloroethane	20	19	93	6	40
1,1,2-Trichloro-1,2,2-Trif	20	27	135	2	40
1,1,2-Trichloroethane	20	23	112	1	40
1,1-Dichloroethylene	20	19	95	12	35
1,1-Dichloropropene	20	16	79	11	40
1,1-dichloroethane	20	19	96	12	40
1,2,3-Trichlorobenzene	20	17	83	5	40
1,2,3-Trichloropropane	20	15	77	5	40
1,2,4-Trichlorobenzene	20	17	83	8	40
1,2,4-Trimethylbenzene	20	18	88	6	40
1,2-Dibromo-3-Chloropro	20	13	66	12	40
1,2-Dibromoethane	20	18	91	9	40
1,2-Dichlorobenzene	20	17	86	7	40
1,2-Dichloroethane	20	19	93	9	23
1,2-Dichloropropane	20	16	79	15	40
1,3,5-Trimethylbenzene	20	18	88	8	40
1,3-Dichlorobenzene	20	17	87	7	40
1,3-Dichloropropane	20	18	91	6	40
1,4-Dichlorobenzene	20	17	86	3	21
2,2-Dichloropropane	20	16	80	12	40
2-Butanone (MEK)	20	23	116	4	40
2-Chlorotoluene	20	18	90	13	40
2-Hexanone	20	20	98	2	40
2-Propanone (acetone)	20	21	107	8	40
4-Chlorotoluene	20	17	83	9	40
4-Methyl-2-Pentanone(M	20	17	87	4	40
Acrylonitrile	20	26	130	11	40
Benzene	20	19	95	9	14
Bromobenzene	20	18	92	2	40
Bromochloromethane	20	22	108	12	40
Bromodichloromethane	20	16	80	10	21
Bromoform	20	16	81	13	40
Bromomethane	20	14	68	1	40
Carbon Disulfide	20	23	112	16	40
Carbon tetrachloride	20	17	85	13	19
Chlorobenzene	20	22	108	2	40
Chloroethane	20	19	93	14	40
Chloroform	20	21	104	12	16
Chloromethane	20	18	91	9	40
Dibromochloromethane	20	18	92	4	36
Dibromomethane	20	19	93	9	40
Dichlorodifluoromethane	20	9.3	47	13	40
Ethyl Ether	20	21	107	4	40
Ethylbenzene	20	18	90	9	40
Hexachlorobutadiene	20	17	87	3	40
Isopropylbenzene	20	16	80	7	40
M/P Xylene	40	38	96	7	40
Methyl-t-Butyl Ether	20	24	121	3	40
Methylene Chloride	20	19	96	16	40
N-Butylbenzene	20	16	82	9	40

N-Propylbenzene	20	17	86	9	40
Naphthalene	20	16	81	1	40
Ortho Xylene	20	18	92	12	40
Para-Isopropyltoluene	20	16	80	8	40
Sec-Butylbenzene	20	17	87	7	40
Styrene	20	18	89	5	40
Tert-Butylbenzene	20	17	86	7	40
Tetrachloroethylene	20	16	81	7	40
Tetrahydrofuran	20	21	102	8	40
Toluene	20	21	107	7	40
Trans-1,2-Dichloroethyle	20	21	105	11	40
Trichloroethylene	20	19	93	8	22
Trichlorofluoromethane	20	18	88	13	40
Vinyl Acetate	20	17	85	11	40
Vinyl Chloride	20	16	79	9	19
c-1,3-dichloropropene	20	19	95	10	40
cis-1,2-Dichloroethylene	20	23	116	9	40
t-1,3-Dichloropropene	20	19	97	2	40

Comments:

Samples in Batch: AA62979, AA62980, AA62981, AA62982, AA62983, AA62984, AA62985, AA62986, AA62987, AA62988, AA62989, AA62990, AA62991, AA62992

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

Sample ID: AA62991

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
1,1,1,2-Tetrachloroethane	ND	ND	ND	30
1,1,1-Trichloroethane	ND	ND	ND	30
1,1,2,2-Tetrachloroethane	ND	ND	ND	30
1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	ND	ND	30
1,1,2-Trichloroethane	ND	ND	ND	30
1,1-Dichloroethylene	ND	ND	ND	30
1,1-Dichloropropene	ND	ND	ND	30
1,1-dichloroethane	ND	ND	ND	30
1,2,3-Trichlorobenzene	ND	ND	ND	30
1,2,3-Trichloropropane	ND	ND	ND	30
1,2,4-Trichlorobenzene	ND	ND	ND	30
1,2,4-Trimethylbenzene	ND	ND	ND	30
1,2-Dibromo-3-Chloropropane	ND	ND	ND	30
1,2-Dibromoethane	ND	ND	ND	30
1,2-Dichlorobenzene	ND	ND	ND	30
1,2-Dichloroethane	ND	ND	ND	30
1,2-Dichloropropane	ND	ND	ND	30
1,3,5-Trimethylbenzene	ND	ND	ND	30
1,3-Dichlorobenzene	ND	ND	ND	30
1,3-Dichloropropane	ND	ND	ND	30
1,4-Dichlorobenzene	ND	ND	ND	30
2,2-Dichloropropane	ND	ND	ND	30
2-Butanone (MEK)	ND	ND	ND	30
2-Chlorotoluene	ND	ND	ND	30
2-Hexanone	ND	ND	ND	30
2-Propanone (acetone)	ND	ND	ND	30
4-Chlorotoluene	ND	ND	ND	30
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	30
Acrylonitrile	ND	ND	ND	30
Benzene	ND	ND	ND	30
Bromobenzene	ND	ND	ND	30
Bromochloromethane	ND	ND	ND	30
Bromodichloromethane	ND	ND	ND	30
Bromoform	ND	ND	ND	30
Bromomethane	ND	ND	ND	30
Carbon Disulfide	ND	ND	ND	30
Carbon tetrachloride	ND	ND	ND	30
Chlorobenzene	ND	ND	ND	30
Chloroethane	ND	ND	ND	30
Chloroform	ND	ND	ND	30
Chloromethane	ND	ND	ND	30
Dibromochloromethane	ND	ND	ND	30
Dibromomethane	ND	ND	ND	30
Dichlorodifluoromethane	ND	ND	ND	30
Ethyl Ether	ND	ND	ND	30
Ethylbenzene	ND	ND	ND	30
Hexachlorobutadiene	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	30
M/P Xylene	ND	ND	ND	30
Methyl-t-Butyl Ether	ND	ND	ND	30

Methylene Chloride	ND	ND	ND	30
N-Butylbenzene	ND	ND	ND	30
N-Propylbenzene	ND	ND	ND	30
Naphthalene	ND	ND	ND	30
Ortho Xylene	ND	ND	ND	30
Para-Isopropyltoluene	ND	ND	ND	30
Sec-Butylbenzene	ND	ND	ND	30
Styrene	ND	ND	ND	30
Tert-Butylbenzene	ND	ND	ND	30
Tetrachloroethylene	ND	ND	ND	30
Tetrahydrofuran	ND	ND	ND	30
Toluene	ND	ND	ND	30
Trans-1,2-Dichloroethylene	ND	ND	ND	30
Trichloroethylene	ND	ND	ND	30
Trichlorofluoromethane	ND	ND	ND	30
Vinyl Acetate	ND	ND	ND	30
Vinyl Chloride	ND	ND	ND	30
c-1,3-dichloropropene	ND	ND	ND	30
cis-1,2-Dichloroethylene	ND	ND	ND	30
t-1,3-Dichloropropene	ND	ND	ND	30

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY FORTIFIED BLANK (LFB) AND DUPLICATE (LFB Dup) RECOVERY

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED ug/mL	LFB CONCENTRATION ug/mL	LFB RECOVERY %	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	17	85	79 - 136
1,1,1-Trichloroethane	20	20	100	75 - 146
1,1,2,2-Tetrachloroethane	20	16	80	62 - 141
1,1,2-Trichloro-1,2,2-Trifluoroeth	20	24	120	56 - 130
1,1,2-Trichloroethane	20	18	90	75 - 138
1,1-Dichloroethylene	20	20	100	75 - 136
1,1-Dichloropropene	20	19	95	77 - 137
1,1-dichloroethane	20	22	110	76 - 142
1,2,3-Trichlorobenzene	20	17	85	64 - 143
1,2,3-Trichloropropane	20	15	75	66 - 133
1,2,4-Trichlorobenzene	20	17	85	80 - 131
1,2,4-Trimethylbenzene	20	19	95	74 - 155
1,2-Dibromo-3-Chloropropane	20	11	55	37 - 139
1,2-Dibromoethane	20	15	75	72 - 135
1,2-Dichlorobenzene	20	18	90	85 - 128
1,2-Dichloroethane	20	20	100	74 - 138
1,2-Dichloropropane	20	20	100	83 - 124
1,3,5-Trimethylbenzene	20	19	95	80 - 145
1,3-Dichlorobenzene	20	18	90	84 - 130
1,3-Dichloropropane	20	19	95	77 - 129
1,4-Dichlorobenzene	20	19	95	82 - 128
2,2-Dichloropropane	20	22	110	32 - 171
2-Butanone (MEK)	20	16	80	38 - 179
2-Chlorotoluene	20	19	95	78 - 134
2-Hexanone	20	14	70	45 - 158
2-Propanone (acetone)	20	17	85	14 - 209
4-Chlorotoluene	20	18	90	75 - 144
4-Methyl-2-Pentanone(MIBK)	20	15	75	40 - 144
Acrylonitrile	20	16	80	52 - 154
Benzene	20	22	110	83 - 130
Bromobenzene	20	18	90	85 - 126
Bromochloromethane	20	20	100	69 - 137
Bromodichloromethane	20	17	85	70 - 143
Bromoform	20	15	75	51 - 136
Bromomethane	20	19	95	65 - 140
Carbon Disulfide	20	15	75	68 - 140
Carbon tetrachloride	20	18	90	70 - 144
Chlorobenzene	20	22	110	84 - 131
Chloroethane	20	21	105	70 - 134
Chloroform	20	21	105	76 - 141
Chloromethane	20	16	80	63 - 123
Dibromochloromethane	20	17	85	39 - 154
Dibromomethane	20	17	85	79 - 124
Dichlorodifluoromethane	20	12	60	37 - 117
Ethyl Ether	20	19	95	67 - 140
Ethylbenzene	20	21	105	81 - 133
Hexachlorobutadiene	20	17	85	68 - 146
Isopropylbenzene	20	18	90	78 - 137
M/P Xylene	40	43	108	68 - 155

Methyl-t-Butyl Ether	20	19	95	63 - 144
Methylene Chloride	20	21	105	75 - 140
N-Butylbenzene	20	18	90	69 - 147
N-Propylbenzene	20	20	100	76 - 138
Naphthalene	20	16	80	53 - 155
Ortho Xylene	20	20	100	85 - 135
Para-Isopropyltoluene	20	19	95	77 - 141
Sec-Butylbenzene	20	20	100	80 - 141
Styrene	20	19	95	82 - 139
Tert-Butylbenzene	20	18	90	75 - 144
Tetrachloroethylene	20	19	95	32 - 173
Tetrahydrofuran	20	19	95	47 - 149
Toluene	20	23	115	85 - 134
Trans-1,2-Dichloroethylene	20	21	105	80 - 138
Trichloroethylene	20	19	95	76 - 135
Trichlorofluoromethane	20	21	105	60 - 149
Vinyl Acetate	20	16	80	38 - 187
Vinyl Chloride	20	17	85	66 - 133
c-1,3-dichloropropene	20	19	95	68 - 149
cis-1,2-Dichloroethylene	20	21	105	76 - 143
t-1,3-Dichloropropene	20	16	80	62 - 160

COMPOUND	LFB Dup CONCENTRATION ug/L	LFB Dup RECOVERY %	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	15	77	10	40
1,1,1-Trichloroethane	21	103	3	16
1,1,2,2-Tetrachloroethane	16	80	1	40
1,1,2-Trichloro-1,2,2-Trifluo	24	118	2	40
1,1,2-Trichloroethane	17	85	5	40
1,1-Dichloroethylene	21	104	4	35
1,1-Dichloropropene	21	107	12	40
1,1-dichloroethane	23	116	6	40
1,2,3-Trichlorobenzene	18	89	5	40
1,2,3-Trichloropropane	16	79	5	40
1,2,4-Trichlorobenzene	20	101	18	40
1,2,4-Trimethylbenzene	21	103	8	40
1,2-Dibromo-3-Chloropropa	13	65	17	40
1,2-Dibromoethane	16	80	6	40
1,2-Dichlorobenzene	20	98	8	40
1,2-Dichloroethane	21	106	6	23
1,2-Dichloropropane	20	101	1	40
1,3,5-Trimethylbenzene	20	100	5	40
1,3-Dichlorobenzene	20	98	9	40
1,3-Dichloropropane	20	99	4	40
1,4-Dichlorobenzene	19	94	1	21
2,2-Dichloropropane	20	100	10	40
2-Butanone (MEK)	17	84	5	40
2-Chlorotoluene	20	102	7	40
2-Hexanone	14	70	1	40
2-Propanone (acetone)	14	72	16	40
4-Chlorotoluene	20	98	9	40
4-Methyl-2-Pentanone(MIB	16	79	5	40
Acrylonitrile	18	91	13	40
Benzene	22	110	0	14
Bromobenzene	17	85	6	40
Bromochloromethane	20	98	2	40
Bromodichloromethane	17	86	1	21
Bromoform	15	75	0	40
Bromomethane	18	89	6	40
Carbon Disulfide	13	63	18	40
Carbon tetrachloride	15	77	15	19
Chlorobenzene	22	109	1	40
Chloroethane	22	109	4	40
Chloroform	22	111	6	16
Chloromethane	17	84	5	40
Dibromochloromethane	14	69	21	36
Dibromomethane	18	89	5	40
Dichlorodifluoromethane	12	62	4	40
Ethyl Ether	20	98	3	40
Ethylbenzene	23	113	8	40
Hexachlorobutadiene	17	84	1	40
Isopropylbenzene	19	94	4	40
M/P Xylene	44	111	3	40
Methyl-t-Butyl Ether	18	88	7	40
Methylene Chloride	24	121	14	40
N-Butylbenzene	18	92	2	40
N-Propylbenzene	20	100	0	40
Naphthalene	18	90	12	40
Ortho Xylene	22	108	8	40
Para-Isopropyltoluene	19	94	2	40
Sec-Butylbenzene	21	105	5	40
Styrene	21	106	11	40

Tert-Butylbenzene	20	102	12	40
Tetrachloroethylene	19	93	2	40
Tetrahydrofuran	20	98	3	40
Toluene	23	114	1	40
Trans-1,2-Dichloroethylene	21	106	1	40
Trichloroethylene	19	97	3	22
Trichlorofluoromethane	20	102	3	40
Vinyl Acetate	15	73	10	40
Vinyl Chloride	18	88	3	19
c-1,3-dichloropropene	16	80	17	40
cis-1,2-Dichloroethylene	22	111	5	40
t-1,3-Dichloropropene	14	69	14	40

Samples in Batch: AA62979, AA62980, AA62981, AA62982, AA62983, AA62984, AA62985, AA62986, AA62987, AA62988, AA62989, AA62990, AA62991, AA62992

Comments:

EPA
Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

July 20, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070032
Project: Beede Waste Oil - Plaistow, NH
Analysis: Alkalinity
Analyst: Inna Germansderfer 8/3/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, INGALKCARB0.SOP.

Analysis was performed by ESAT contractors working at the EPA New England Laboratory.

Date Samples Received by the Laboratory: 07/18/2006

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/4/06
Daniel N. Boudreau
Chemistry Team Leader

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Alkalinity

Date of Collection: 07/17/2006
Matrix: Water

Sample Number	Lab ID	Analysis	Concentration mg/L	RL mg/L	Qualifier
BWO-SH15I	AA62981	07/18/2006	**29**	20	
Comments					
BWO-SH15S	AA62982	07/18/2006	**41**	20	
Comments					
BWO-AE18D	AA62991	07/18/2006	**50**	20	
Comments					
BWO-AE18S	AA62992	07/18/2006	**56**	20	
Comments					
Blank		07/18/2006	ND	20	
Comments					

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 27, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070032
Project: Beede Waste Oil - Plaistow, NH
Analysis: Ion Chromatography Anions
Analyst: Inna Germansderfer 7/27/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGDXIC9.

The analysis was performed using either a Dionex DX320 or DX120 Ion Chromatograph.

Date Samples Received by the Laboratory: 7/18/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/10/06

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL = Reporting limit
ND = Not Detected above reporting limit
NA = Not Applicable
NC = Not calculated since analyte concentration is ND
J1 = Estimated value due to MS recovery outside accceptance criteria
J2 = Estimated value due to LFB result outside acceptance criteria
J3 = Estimated value due to RPD result outside acceptance criteria
J4 = Estimated value due to LCS result outside acceptance criteria
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH15I	Lab Sample ID:	AA62981
Date of Collection:	07/17/2006 15:58	Matrix	Water
Date of Analysis:	07/18/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**670**	10.0	
	Fluoride	ND	0.10	
	Nitrate	**12**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**20**	0.10	

Comments: Sample was run withiut dilution 7.18.06 and rerun 7.20.06 with 100x dilution to report chloride in the calibration curve range. Data from both runs were used for report.

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**2.7**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH15S	Lab Sample ID:	AA62982
Date of Collection:	07/17/2006 14:48	Matrix	Water
Date of Analysis:	07/18/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**51**	0.10	
	Fluoride	ND	0.10	
	Nitrate	**8.7**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**8.1**	0.10	

Comments:

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**2.0**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-AE18D	Lab Sample ID:	AA62991
Date of Collection:	07/17/2006 17:25	Matrix	Water
Date of Analysis:	07/18/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**18**	0.10	
	Fluoride	**0.12**	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**17**	0.10	

Comments: Sample AA 62991 was used for spike. MS recovery for nitrate above acceptance criteria due to matrix interference with unknown substance. Original sample AA62991 was rerun on DX120 and no nitrate was detected. Data will be not qualified for value of nitrate.

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-AE18S	Lab Sample ID:	AA62992
Date of Collection:	07/17/2006 16:30	Matrix	Water
Date of Analysis:	07/18/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**2.7**	0.10	
	Fluoride	**0.30**	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**6.8**	0.10	

Comments: Original sample AA62992 was rerun on DX120 and no nitrate was detected.

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Analysis:	07/18/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	ND	0.10	
	Fluoride	ND	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	ND	0.10	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MATRIX SPIKE (MS) RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED mg/L	SAMPLE CONCENTRATION mg/L	MS CONCENTRATION mg/L	MS % REC	QC LIMITS (% REC)
Sample ID: AA62991					
Bromide	5	ND	5.4	108	80 - 120
Chloride	1.5	18	18	R	80 - 120
Fluoride	1	0.12	1.2	120	80 - 120
Nitrate	5	ND	8.2	164	80 - 120
Nitrite	5	ND	5.5	110	80 - 120
Sulfate	7.5	17	23	91	80 - 120

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY DUPLICATE RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SAMPLE RESULT mg/L	SAMPLE DUPLICATE RESULT mg/L	PRECISION RPD %	QC LIMITS RPD (%)
Sample ID: AA62982				
Bromide	ND	ND	ND	20
Chloride	51	51	0.0	20
Fluoride	ND	ND	ND	20
Nitrate	8.7	8.7	0.0	20
Nitrite	ND	ND	ND	20
Sulfate	8.1	8.2	1.2	20

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

Beede Waste Oil - Plaistow, NH

COMPOUND	LFB AMOUNT SPIKED mg/L	LFB RESULT mg/L	LFB RECOVERY %	QC LIMITS %
Sample ID: AA62992				
Bromide	5	5.4	108	90 - 110
Chloride	1.5	1.5	100	90 - 110
Fluoride	1	1.08	108	90 - 110
Nitrate	5	4.9	98	90 - 110
Nitrite	5	4.8	96	90 - 110
Sulfate	7.5	7.7	103	90 - 110

Samples in Batch: AA62981, AA62982, AA62991, AA62992

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology Drive
N. Chelmsford, MA 01863

Project Number: 06070032
Project: Beede Waste Oil - Plaistow, NH
Analysis: Total Recoverable Metals in Water by ICP
EPA Chemist: Mike Dowling
MD 8/14/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGICP6.

Samples were analyzed by inductively coupled plasma - atomic emission spectrometry using pneumatic nebulization. Preparation and analysis SOP's are based on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Revision 2, Final Update III, 3010A and 6010B," respectively.

Date Samples Received by the Laboratory: 7/18/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions, please call me at 617-918-8340.

Sincerely,

Daniel N Boudreau 8/15/06
Daniel N Boudreau
Chemistry Laboratory Services Coordinator

Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside accceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

The samples were prepared and analyzed by ESAT contractors.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH15I	Lab Sample ID:	AA62981
Date of Collection:	7/17/2006	Matrix:	Water
Date of Preparation:	7/18/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH15S	Lab Sample ID:	AA62982
Date of Collection:	7/17/2006	Matrix:	Water
Date of Preparation:	7/18/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**2400**	100	
7439-96-5	Manganese	**2000**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-AE18D	Lab Sample ID:	AA62991
Date of Collection:	7/17/2006	Matrix:	Water
Date of Preparation:	7/18/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**1200**	100	
7439-96-5	Manganese	**270**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-AE18S	Lab Sample ID:	AA62992
Date of Collection:	7/17/2006	Matrix:	Water
Date of Preparation:	7/18/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**14000**	100	
7439-96-5	Manganese	**1200**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Reagent Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix:	Water
Date of Preparation:	7/18/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Sample ID: AA62992

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
Iron	500	14000	14100	R	75 - 125
Manganese	500	1200	1710	102	75 - 125

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Sample ID: AA62981

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
Iron	ND	ND	NC	20
Manganese	ND	ND	NC	20

Comments:

Laboratory Fortified Blank (LFB) Results

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Iron	500	503	101	85 - 115
Manganese	500	504	101	85 - 115

Comments:

Samples in Batch: AA62981, AA62982, AA62991, AA62992

EPA
Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070038
Project: Beede Waste Oil - Plaistow, NH
Analysis: VOAs in Water
Analyst: Dan Boudreau DB 8/8/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-VOAGCMS8.

Samples were analyzed by GC/MS. Samples were introduced to the GC via a Tekmar pre-concentrator and an Archon autosampler. The analysis SOP is based on US EPA Method 8260B, SW-846, Rev 2.0,1996. Method 624, 40CFR Part 136 Appendix A, July 1, 1992, and USEPA CLP SOW for Organic Analysis OLM04.2, 1999.

Date Samples Received by the Laboratory: 7/18/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,
Daniel N Boudreau 8/9/06
Daniel N. Boudreau
Chemistry Team Leader

Qualifiers: RL = Reporting limit
ND = Not Detected above Reporting limit
NA = Not Applicable due to high sample dilutions or sample interferences
NC = Not calculated since analyte concentration is ND.
J = Estimated value
E = Estimated value exceeds the calibration range
L = Estimated value is below the calibration range
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 13	Lab Sample ID:	AA63049
Date of Collection:	7/18/2006	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	80	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	89	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 14	Lab Sample ID:	AA63050
Date of Collection:	7/18/2006	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	81	74 - 136
Toluene-D8	104	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH43S	Lab Sample ID:	AA63051
Date of Collection:	7/18/2006	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	**33**	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	**47**	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**9.6**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	**30**	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	**3.1**	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0	
74-87-3	Chloromethane	ND	1.0	
124-48-1	Dibromochloromethane	ND	1.0	
74-95-3	Dibromomethane	ND	1.0	
75-71-8	Dichlorodifluoromethane	ND	1.0	
60-29-7	Ethyl Ether	ND	1.0	
100-41-4	Ethylbenzene	**61**	1.0	
87-68-3	Hexachlorobutadiene	ND	1.0	
98-82-8	Isopropylbenzene	**4.1**	1.0	
108-38-3/106-42-	M/P Xylene	**20**	2.0	
1634-04-4	Methyl-t-Butyl Ether	ND	1.0	
75-09-2	Methylene Chloride	ND	1.0	
104-51-8	N-Butylbenzene	ND	1.0	
103-65-1	N-Propylbenzene	**4.1**	1.0	
91-20-3	Naphthalene	**28**	1.0	
95-47-6	Ortho Xylene	**57**	1.0	
99-87-6	Para-Isopropyltoluene	ND	1.0	
135-98-8	Sec-Butylbenzene	ND	1.0	
100-42-5	Styrene	ND	1.0	
98-06-6	Tert-Butylbenzene	ND	1.0	
127-18-4	Tetrachloroethylene	**2.3**	1.0	
109-99-9	Tetrahydrofuran	ND	1.0	
108-88-3	Toluene	**7.8**	1.0	
156-60-5	Trans-1,2-Dichloroethylene	**1.4**	1.0	J
79-01-6	Trichloroethylene	**1.8**	1.0	
75-69-4	Trichlorofluoromethane	ND	1.0	
108-05-4	Vinyl Acetate	ND	1.0	
75-01-4	Vinyl Chloride	**19**	1.0	
10061-01-5	c-1,3-dichloropropene	ND	1.0	
156-59-2	cis-1,2-Dichloroethylene	**63**	1.0	
10061-02-6	t-1,3-Dichloropropene	ND	1.0	

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	86	74 - 136
Toluene-D8	104	85 - 118
1,4-Bromofluorobenzene	93	78 - 111

Comments: Trans-1,2-dichloroethylene did not meet spec in the CCV.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH43S DUP	Lab Sample ID:	AA63052
Date of Collection:	7/18/2006	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	**32**	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	**46**	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**9.3**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	**30**	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	**3.5**	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0	
74-87-3	Chloromethane	ND	1.0	
124-48-1	Dibromochloromethane	ND	1.0	
74-95-3	Dibromomethane	ND	1.0	
75-71-8	Dichlorodifluoromethane	ND	1.0	
60-29-7	Ethyl Ether	ND	1.0	
100-41-4	Ethylbenzene	**66**	1.0	
87-68-3	Hexachlorobutadiene	ND	1.0	
98-82-8	Isopropylbenzene	**4.4**	1.0	
108-38-3/106-42-	M/P Xylene	**22**	2.0	
1634-04-4	Methyl-t-Butyl Ether	ND	1.0	
75-09-2	Methylene Chloride	ND	1.0	
104-51-8	N-Butylbenzene	ND	1.0	
103-65-1	N-Propylbenzene	**4.4**	1.0	
91-20-3	Naphthalene	**30**	1.0	
95-47-6	Ortho Xylene	**60**	1.0	
99-87-6	Para-Isopropyltoluene	ND	1.0	
135-98-8	Sec-Butylbenzene	ND	1.0	
100-42-5	Styrene	ND	1.0	
98-06-6	Tert-Butylbenzene	ND	1.0	
127-18-4	Tetrachloroethylene	**2.5**	1.0	
109-99-9	Tetrahydrofuran	ND	1.0	
108-88-3	Toluene	**7.7**	1.0	
156-60-5	Trans-1,2-Dichloroethylene	**1.3**	1.0	J
79-01-6	Trichloroethylene	**1.8**	1.0	
75-69-4	Trichlorofluoromethane	ND	1.0	
108-05-4	Vinyl Acetate	ND	1.0	
75-01-4	Vinyl Chloride	**19**	1.0	
10061-01-5	c-1,3-dichloropropene	ND	1.0	
156-59-2	cis-1,2-Dichloroethylene	**61**	1.0	
10061-02-6	t-1,3-Dichloropropene	ND	1.0	

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	85	74 - 136
Toluene-D8	104	85 - 118
1,4-Bromofluorobenzene	90	78 - 111

Comments: Trans-1,2-dichloroethylene did not meet spec in the CCV.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-AE14	Lab Sample ID:	AA63053
Date of Collection:	7/18/2006	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	**1.1**	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**2.1**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	83	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	89	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH3D	Lab Sample ID:	AA63054
Date of Collection:	7/18/2006	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	**3.1**	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**4.4**	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	84	74 - 136
Toluene-D8	99	85 - 118
1,4-Bromofluorobenzene	90	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5.0 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	6.0

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	79	74 - 136
Toluene-D8	100	85 - 118
1,4-Bromofluorobenzene	90	78 - 111

Comments: Method blank for samples AA63049 - AA63057, AA63057 Dup, AA63054 MS/MSD.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH45S	Lab Sample ID:	AA63055
Date of Collection:	7/18/2006	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	85	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	93	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH32I	Lab Sample ID:	AA63056
Date of Collection:	7/18/2006	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	82	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	88	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-AE17D	Lab Sample ID:	AA63057
Date of Collection:	7/18/2006	Matrix	Water
Date of Extraction:	7/19/06	Volume Purged:	5 mL
Date of Analysis:	7/19/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	**31**	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	**1.5**	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	**19**	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	**2.2**	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	**7.3**	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	**2.2**	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	**3.2**	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	**2.4**	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	**190**	20
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	82	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	85	78 - 111

Comments: Cis-1,2-Dichloroethylene is reported from a 20x dilution.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/21/06	Volume Purged:	5.0 mL
Date of Analysis:	7/21/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	98	74 - 136
Toluene-D8	104	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments: Method blank for dilution of AA63057.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY FORTIFIED BLANK (LFB) AND DUPLICATE (LFB Dup) RECOVERY

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED ug/mL	LFB CONCENTRATION ug/mL	LFB RECOVERY %	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	23	115	79 - 136
1,1,1-Trichloroethane	20	25	125	75 - 146
1,1,2,2-Tetrachloroethane	20	18	90	62 - 141
1,1,2-Trichloro-1,2,2-Trifluoroeth	20	18	90	56 - 130
1,1,2-Trichloroethane	20	23	115	75 - 138
1,1-Dichloroethylene	20	22	110	75 - 136
1,1-Dichloropropene	20	17	85	77 - 137
1,1-dichloroethane	20	23	115	76 - 142
1,2,3-Trichlorobenzene	20	20	100	64 - 143
1,2,3-Trichloropropane	20	14	70	66 - 133
1,2,4-Trichlorobenzene	20	21	105	80 - 131
1,2,4-Trimethylbenzene	20	18	90	74 - 155
1,2-Dibromo-3-Chloropropane	20	17	85	37 - 139
1,2-Dibromoethane	20	20	100	72 - 135
1,2-Dichlorobenzene	20	19	95	85 - 128
1,2-Dichloroethane	20	18	90	74 - 138
1,2-Dichloropropane	20	18	90	83 - 124
1,3,5-Trimethylbenzene	20	17	85	80 - 145
1,3-Dichlorobenzene	20	19	95	84 - 130
1,3-Dichloropropane	20	18	90	77 - 129
1,4-Dichlorobenzene	20	19	95	82 - 128
2,2-Dichloropropane	20	29	145	32 - 171
2-Butanone (MEK)	20	37	185	38 - 179
2-Chlorotoluene	20	18	90	78 - 134
2-Hexanone	20	25	125	45 - 158
2-Propanone (acetone)	20	40	200	14 - 209
4-Chlorotoluene	20	17	85	75 - 144
4-Methyl-2-Pentanone(MIBK)	20	17	85	40 - 144
Acrylonitrile	20	23	115	52 - 154
Benzene	20	23	115	83 - 130
Bromobenzene	20	20	100	85 - 126
Bromochloromethane	20	24	120	69 - 137
Bromodichloromethane	20	21	105	70 - 143
Bromoform	20	25	125	51 - 136
Bromomethane	20	16	80	65 - 140
Carbon Disulfide	20	29	145	68 - 140
Carbon tetrachloride	20	21	105	70 - 144
Chlorobenzene	20	22	110	84 - 131
Chloroethane	20	20	100	70 - 134
Chloroform	20	23	115	76 - 141
Chloromethane	20	24	120	63 - 123
Dibromochloromethane	20	26	130	39 - 154
Dibromomethane	20	18	90	79 - 124
Dichlorodifluoromethane	20	21	105	37 - 117
Ethyl Ether	20	22	110	67 - 140
Ethylbenzene	20	18	90	81 - 133
Hexachlorobutadiene	20	20	100	68 - 146
Isopropylbenzene	20	16	80	78 - 137
M/P Xylene	40	40	100	68 - 155

Methyl-t-Butyl Ether	20	25	125	63 - 144
Methylene Chloride	20	19	95	75 - 140
N-Butylbenzene	20	17	85	69 - 147
N-Propylbenzene	20	17	85	76 - 138
Naphthalene	20	17	85	53 - 155
Ortho Xylene	20	20	100	85 - 135
Para-Isopropyltoluene	20	16	80	77 - 141
Sec-Butylbenzene	20	17	85	80 - 141
Styrene	20	21	105	82 - 139
Tert-Butylbenzene	20	18	90	75 - 144
Tetrachloroethylene	20	19	95	32 - 173
Tetrahydrofuran	20	20	100	47 - 149
Toluene	20	23	115	85 - 134
Trans-1,2-Dichloroethylene	20	26	130	80 - 138
Trichloroethylene	20	19	95	76 - 135
Trichlorofluoromethane	20	17	85	60 - 149
Vinyl Acetate	20	29	145	38 - 187
Vinyl Chloride	20	20	100	66 - 133
c-1,3-dichloropropene	20	29	145	68 - 149
cis-1,2-Dichloroethylene	20	25	125	76 - 143
t-1,3-Dichloropropene	20	30	150	62 - 160

COMPOUND	LFB Dup CONCENTRATION ug/L	LFB Dup RECOVERY %	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	21	107	7	40
1,1,1-Trichloroethane	25	123	2	16
1,1,2,2-Tetrachloroethane	20	98	8	40
1,1,2-Trichloro-1,2,2-Trifluo	18	91	1	40
1,1,2-Trichloroethane	24	118	2	40
1,1-Dichloroethylene	21	105	5	35
1,1-Dichloropropene	17	86	1	40
1,1-dichloroethane	22	111	4	40
1,2,3-Trichlorobenzene	21	104	3	40
1,2,3-Trichloropropane	15	73	4	40
1,2,4-Trichlorobenzene	20	100	5	40
1,2,4-Trimethylbenzene	17	86	5	40
1,2-Dibromo-3-Chloropropa	15	75	13	40
1,2-Dibromoethane	21	103	3	40
1,2-Dichlorobenzene	19	96	1	40
1,2-Dichloroethane	19	95	5	23
1,2-Dichloropropane	17	84	8	40
1,3,5-Trimethylbenzene	17	87	2	40
1,3-Dichlorobenzene	19	95	1	40
1,3-Dichloropropane	18	92	2	40
1,4-Dichlorobenzene	19	94	1	21
2,2-Dichloropropane	22	112	26	40
2-Butanone (MEK)	32	159	15	40
2-Chlorotoluene	18	90	0	40
2-Hexanone	21	103	20	40
2-Propanone (acetone)	29	145	32	40
4-Chlorotoluene	17	83	3	40
4-Methyl-2-Pentanone(MIB	17	85	0	40
Acrylonitrile	24	121	5	40
Benzene	23	114	1	14
Bromobenzene	20	99	2	40
Bromochloromethane	25	127	5	40
Bromodichloromethane	19	93	13	21
Bromoform	20	99	23	40
Bromomethane	15	75	7	40
Carbon Disulfide	24	122	18	40
Carbon tetrachloride	20	101	4	19
Chlorobenzene	23	113	3	40
Chloroethane	20	99	1	40
Chloroform	24	118	3	16
Chloromethane	24	119	1	40
Dibromochloromethane	21	104	23	36
Dibromomethane	19	97	7	40
Dichlorodifluoromethane	22	111	6	40
Ethyl Ether	20	98	12	40
Ethylbenzene	19	95	5	40
Hexachlorobutadiene	18	92	9	40
Isopropylbenzene	16	81	1	40
M/P Xylene	42	104	4	40
Methyl-t-Butyl Ether	26	131	4	40
Methylene Chloride	20	99	4	40
N-Butylbenzene	17	84	1	40
N-Propylbenzene	17	86	1	40
Naphthalene	19	93	9	40
Ortho Xylene	21	103	3	40
Para-Isopropyltoluene	16	81	1	40
Sec-Butylbenzene	17	86	1	40

Styrene	22	108	2	40
Tert-Butylbenzene	17	84	7	40
Tetrachloroethylene	23	115	19	40
Tetrahydrofuran	21	106	6	40
Toluene	24	122	6	40
Trans-1,2-Dichloroethylene	26	129	1	40
Trichloroethylene	20	98	3	22
Trichlorofluoromethane	18	92	7	40
Vinyl Acetate	27	134	8	40
Vinyl Chloride	19	96	5	19
c-1,3-dichloropropene	25	127	13	40
cis-1,2-Dichloroethylene	26	132	5	40
t-1,3-Dichloropropene	27	136	10	40

Samples in Batch: AA63049, AA63050, AA63051, AA63052, AA63053, AA63054, AA63055, AA63056, AA63057

Comments: Carbon disulfide and MEK are out of spec.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

VOA MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Beede Waste Oil - Plaistow, NH

Sample ID: AA63054

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	ND	22	108	67 - 129
1,1,1-Trichloroethane	20	ND	25	124	75 - 139
1,1,2,2-Tetrachloroethane	20	ND	19	96	50 - 142
1,1,2-Trichloro-1,2,2-Trifluoro	20	ND	18	92	55 - 135
1,1,2-Trichloroethane	20	ND	23	114	62 - 142
1,1-Dichloroethylene	20	ND	21	106	80 - 138
1,1-Dichloropropene	20	ND	17	86	73 - 131
1,1-dichloroethane	20	ND	23	114	61 - 152
1,2,3-Trichlorobenzene	20	ND	19	94	49 - 143
1,2,3-Trichloropropane	20	ND	14	70	53 - 135
1,2,4-Trichlorobenzene	20	ND	19	96	63 - 131
1,2,4-Trimethylbenzene	20	ND	17	83	79 - 142
1,2-Dibromo-3-Chloropropane	20	ND	14	71	28 - 122
1,2-Dibromoethane	20	ND	20	99	53 - 139
1,2-Dichlorobenzene	20	ND	18	92	74 - 129
1,2-Dichloroethane	20	3.1	23	98	61 - 142
1,2-Dichloropropane	20	ND	17	86	71 - 126
1,3,5-Trimethylbenzene	20	ND	17	84	77 - 140
1,3-Dichlorobenzene	20	ND	18	90	78 - 127
1,3-Dichloropropane	20	ND	18	89	63 - 130
1,4-Dichlorobenzene	20	ND	18	91	72 - 131
2,2-Dichloropropane	20	ND	23	113	50 - 139
2-Butanone (MEK)	20	ND	25	122	29 - 163
2-Chlorotoluene	20	ND	17	87	74 - 134
2-Hexanone	20	ND	18	92	36 - 141
2-Propanone (acetone)	20	ND	19	96	29 - 164
4-Chlorotoluene	20	ND	16	81	68 - 141
4-Methyl-2-Pentanone(MIBK)	20	ND	17	87	35 - 139
Acrylonitrile	20	ND	24	120	42 - 150
Benzene	20	ND	23	114	78 - 134
Bromobenzene	20	ND	19	95	76 - 126
Bromochloromethane	20	ND	24	122	62 - 140
Bromodichloromethane	20	ND	19	96	62 - 133
Bromoform	20	ND	20	100	31 - 133
Bromomethane	20	ND	13	63	58 - 148
Carbon Disulfide	20	ND	25	122	66 - 135
Carbon tetrachloride	20	ND	20	101	62 - 146
Chlorobenzene	20	ND	23	114	74 - 139
Chloroethane	20	ND	20	100	65 - 145
Chloroform	20	ND	23	116	60 - 144
Chloromethane	20	ND	25	122	58 - 134
Dibromochloromethane	20	ND	21	104	34 - 140
Dibromomethane	20	ND	19	93	67 - 125

Dichlorodifluoromethane	20	ND	23	114	30 - 132
Ethyl Ether	20	ND	20	102	58 - 145
Ethylbenzene	20	ND	19	95	73 - 143
Hexachlorobutadiene	20	ND	17	87	56 - 144
Isopropylbenzene	20	ND	16	78	73 - 139
M/P Xylene	40	ND	42	104	79 - 136
Methyl-t-Butyl Ether	20	ND	26	130	50 - 144
Methylene Chloride	20	ND	19	96	70 - 144
N-Butylbenzene	20	ND	16	79	68 - 143
N-Propylbenzene	20	ND	17	83	72 - 149
Naphthalene	20	ND	17	84	33 - 154
Ortho Xylene	20	ND	21	103	80 - 129
Para-Isopropyltoluene	20	ND	16	78	71 - 140
Sec-Butylbenzene	20	ND	16	82	75 - 148
Styrene	20	ND	21	104	61 - 148
Tert-Butylbenzene	20	ND	16	79	71 - 139
Tetrachloroethylene	20	ND	18	89	45 - 145
Tetrahydrofuran	20	ND	20	98	37 - 143
Toluene	20	ND	23	116	77 - 142
Trans-1,2-Dichloroethylene	20	ND	25	126	79 - 139
Trichloroethylene	20	ND	19	94	65 - 143
Trichlorofluoromethane	20	ND	18	91	58 - 161
Vinyl Acetate	20	ND	24	120	22 - 173
Vinyl Chloride	20	ND	19	94	68 - 139
c-1,3-dichloropropene	20	ND	27	132	51 - 144
cis-1,2-Dichloroethylene	20	4.4	31	132	59 - 154
t-1,3-Dichloropropene	20	ND	28	138	47 - 145

Comments:

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION ug/L	MSD % REC	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	20	19	95	13	40
1,1,1-Trichloroethane	20	22	110	12	16
1,1,2,2-Tetrachloroethane	20	19	93	4	40
1,1,2-Trichloro-1,2,2-Trif	20	17	83	10	40
1,1,2-Trichloroethane	20	22	109	4	40
1,1-Dichloroethylene	20	19	97	9	35
1,1-Dichloropropene	20	16	79	8	40
1,1-dichloroethane	20	22	108	5	40
1,2,3-Trichlorobenzene	20	19	94	0	40
1,2,3-Trichloropropane	20	14	69	1	40
1,2,4-Trichlorobenzene	20	19	95	1	40
1,2,4-Trimethylbenzene	20	16	80	4	40
1,2-Dibromo-3-Chloropro	20	15	73	3	40
1,2-Dibromoethane	20	19	97	2	40
1,2-Dichlorobenzene	20	17	87	5	40
1,2-Dichloroethane	20	21	89	10	23
1,2-Dichloropropane	20	16	79	8	40
1,3,5-Trimethylbenzene	20	16	79	6	40
1,3-Dichlorobenzene	20	17	87	4	40
1,3-Dichloropropane	20	17	86	3	40
1,4-Dichlorobenzene	20	17	86	6	21
2,2-Dichloropropane	20	21	105	7	40
2-Butanone (MEK)	20	23	115	6	40
2-Chlorotoluene	20	17	86	1	40
2-Hexanone	20	18	91	2	40
2-Propanone (acetone)	20	19	95	1	40
4-Chlorotoluene	20	15	76	6	40
4-Methyl-2-Pentanone(M	20	17	85	2	40
Acrylonitrile	20	22	110	9	40
Benzene	20	21	107	6	14
Bromobenzene	20	19	94	1	40
Bromochloromethane	20	23	114	7	40
Bromodichloromethane	20	17	83	14	21
Bromoform	20	19	97	4	40
Bromomethane	20	14	68	8	40
Carbon Disulfide	20	22	110	10	40
Carbon tetrachloride	20	18	92	10	19
Chlorobenzene	20	20	102	11	40
Chloroethane	20	18	90	11	40
Chloroform	20	21	105	10	16
Chloromethane	20	21	107	13	40
Dibromochloromethane	20	19	97	7	36
Dibromomethane	20	18	91	2	40
Dichlorodifluoromethane	20	20	98	16	40
Ethyl Ether	20	19	97	6	40
Ethylbenzene	20	17	87	9	40
Hexachlorobutadiene	20	17	84	4	40
Isopropylbenzene	20	15	73	6	40
M/P Xylene	40	38	94	10	40
Methyl-t-Butyl Ether	20	24	122	6	40
Methylene Chloride	20	18	90	6	40
N-Butylbenzene	20	16	79	0	40

N-Propylbenzene	20	15	77	7	40
Naphthalene	20	17	85	1	40
Ortho Xylene	20	18	90	14	40
Para-Isopropyltoluene	20	14	71	9	40
Sec-Butylbenzene	20	15	75	8	40
Styrene	20	19	95	9	40
Tert-Butylbenzene	20	15	74	7	40
Tetrachloroethylene	20	17	84	5	40
Tetrahydrofuran	20	20	98	0	40
Toluene	20	23	114	2	40
Trans-1,2-Dichloroethyle	20	24	118	7	40
Trichloroethylene	20	17	87	7	22
Trichlorofluoromethane	20	17	84	9	40
Vinyl Acetate	20	23	113	6	40
Vinyl Chloride	20	17	87	8	19
c-1,3-dichloropropene	20	24	122	8	40
cis-1,2-Dichloroethylene	20	30	126	5	40
t-1,3-Dichloropropene	20	25	126	9	40

Comments:

Samples in Batch: AA63049, AA63050, AA63051, AA63052, AA63053, AA63054, AA63055, AA63056, AA63057

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

Sample ID: AA63053

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
1,1,1,2-Tetrachloroethane	ND	ND	ND	30
1,1,1-Trichloroethane	ND	ND	ND	30
1,1,2,2-Tetrachloroethane	ND	ND	ND	30
1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	ND	ND	30
1,1,2-Trichloroethane	ND	ND	ND	30
1,1-Dichloroethylene	ND	ND	ND	30
1,1-Dichloropropene	ND	ND	ND	30
1,1-dichloroethane	ND	ND	ND	30
1,2,3-Trichlorobenzene	ND	ND	ND	30
1,2,3-Trichloropropane	ND	ND	ND	30
1,2,4-Trichlorobenzene	ND	ND	ND	30
1,2,4-Trimethylbenzene	ND	ND	ND	30
1,2-Dibromo-3-Chloropropane	ND	ND	ND	30
1,2-Dibromoethane	ND	ND	ND	30
1,2-Dichlorobenzene	ND	ND	ND	30
1,2-Dichloroethane	ND	ND	ND	30
1,2-Dichloropropane	ND	ND	ND	30
1,3,5-Trimethylbenzene	ND	ND	ND	30
1,3-Dichlorobenzene	ND	ND	ND	30
1,3-Dichloropropane	ND	ND	ND	30
1,4-Dichlorobenzene	ND	ND	ND	30
2,2-Dichloropropane	ND	ND	ND	30
2-Butanone (MEK)	ND	ND	ND	30
2-Chlorotoluene	ND	ND	ND	30
2-Hexanone	ND	ND	ND	30
2-Propanone (acetone)	ND	ND	ND	30
4-Chlorotoluene	ND	ND	ND	30
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	30
Acrylonitrile	ND	ND	ND	30
Benzene	ND	ND	ND	30
Bromobenzene	ND	ND	ND	30
Bromochloromethane	ND	ND	ND	30
Bromodichloromethane	ND	ND	ND	30
Bromoform	ND	ND	ND	30
Bromomethane	ND	ND	ND	30
Carbon Disulfide	ND	ND	ND	30
Carbon tetrachloride	ND	ND	ND	30
Chlorobenzene	ND	ND	ND	30
Chloroethane	ND	ND	ND	30
Chloroform	ND	ND	ND	30
Chloromethane	ND	ND	ND	30
Dibromochloromethane	ND	ND	ND	30
Dibromomethane	ND	ND	ND	30
Dichlorodifluoromethane	ND	ND	ND	30
Ethyl Ether	ND	ND	ND	30
Ethylbenzene	ND	ND	ND	30
Hexachlorobutadiene	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	30
M/P Xylene	ND	ND	ND	30

Methyl-t-Butyl Ether	ND	ND	ND	30
Methylene Chloride	ND	ND	ND	30
N-Butylbenzene	ND	ND	ND	30
N-Propylbenzene	ND	ND	ND	30
Naphthalene	1.1	ND	ND	30
Ortho Xylene	ND	ND	ND	30
Para-Isopropyltoluene	ND	ND	ND	30
Sec-Butylbenzene	ND	ND	ND	30
Styrene	ND	ND	ND	30
Tert-Butylbenzene	ND	ND	ND	30
Tetrachloroethylene	2.1	2.46	15.8	30
Tetrahydrofuran	ND	ND	ND	30
Toluene	ND	ND	ND	30
Trans-1,2-Dichloroethylene	ND	ND	ND	30
Trichloroethylene	ND	ND	ND	30
Trichlorofluoromethane	ND	ND	ND	30
Vinyl Acetate	ND	ND	ND	30
Vinyl Chloride	ND	ND	ND	30
c-1,3-dichloropropene	ND	ND	ND	30
cis-1,2-Dichloroethylene	ND	ND	ND	30
t-1,3-Dichloropropene	ND	ND	ND	30

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

July 24, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070038
Project: Beede Waste Oil - Plaistow, NH
Analysis: Alkalinity
Analyst: Inna Germansderfer IG 8/8/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, INGALKCARB0.SOP.

Analysis was performed by ESAT contractors working at the EPA New England Laboratory.

Date Samples Received by the Laboratory: 07/18/2006

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/4/06

Daniel N. Boudreau
Chemistry Team Leader

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Alkalinity

Date of Collection: 07/18/2006
Matrix: Water

Sample Number	Lab ID	Analysis	Concentration mg/L	RL mg/L	Qualifier
BWO-SH43S	AA63051	07/19/2006	**72**	20	
Comments					
BWO-SH43S D	AA63052	07/19/2006	**73**	20	
Comments					
BWO-AE14	AA63053	07/19/2006	**14**	0.7	
Comments					
Blank		07/19/2006	ND	0.5	
Comments					
BWO-SH3D	AA63054	07/19/2006	**51**	20	
Comments					
Blank		07/19/2006	ND	20	
Comments					
BWO-AE17D	AA63057	07/19/2006	**36**	20	
Comments					

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

SAMPLE ID	PARAMETER	SAMPLE RESULT mg/L	SAMPLE DUPE RESULT mg/L	PRECISION RPD %	QC LIMITS (%RPD)
AA63053	Alkalinity	14	15	6.9	15
AA63054	Alkalinity	51	51	0	15

Comments:

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

July 31, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070038
Project: Beede Waste Oil - Plaistow, NH
Analysis: Ion Chromatography Anions
Analyst: Inna Germansderfer IG 8/8/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGDXIC9.

The analysis was performed using either a Dionex DX320 or DX120 Ion Chromatograph.

Date Samples Received by the Laboratory: 7/18/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/9/06

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL = Reporting limit
ND = Not Detected above reporting limit
NA = Not Applicable
NC = Not calculated since analyte concentration is ND
J1 = Estimated value due to MS recovery outside accceptance criteria
J2 = Estimated value due to LFB result outside acceptance criteria
J3 = Estimated value due to RPD result outside acceptance criteria
J4 = Estimated value due to LCS result outside acceptance criteria
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH43S	Lab Sample ID:	AA63051
Date of Collection:	07/18/2006 12:18	Matrix	Water
Date of Analysis:	07/19/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**4.6**	0.10	
	Fluoride	**0.12**	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**7.8**	0.10	

Comments: Sample was analyzed 7.19.06 at 16.58 pm

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH43S DUP	Lab Sample ID:	AA63052
Date of Collection:	07/18/2006 12:18	Matrix	Water
Date of Analysis:	07/19/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**4.5**	0.10	
	Fluoride	**0.12**	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**8.0**	0.10	

Comments: Sample was analyzed 7.19.06 at 17.17 pm

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-AE14	Lab Sample ID:	AA63053
Date of Collection:	07/18/2006 10:53	Matrix	Water
Date of Analysis:	07/20/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**1.5**	0.10	
	Fluoride	ND	0.10	
	Nitrate	**10**	0.10	
	Nitrite	ND	0.10	
	Sulfate	**4.4**	0.10	

Comments: Sample was analyzed 7.20.06 at 10.05 am

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	**2.3**	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-SH3D	Lab Sample ID:	AA63054
Date of Collection:	07/18/2006 13:52	Matrix	Water
Date of Analysis:	07/20/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**13**	0.10	
	Fluoride	ND	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**9.4**	0.10	J

Comments: J- estimated value, MS recovery outside acceptance criteria.
Sample was spiked with 400 ul of spike solution .
Sample was analyzed 7.20.06 at 10.50 am

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-AE17D	Lab Sample ID:	AA63057
Date of Collection:	07/18/2006 15:20	Matrix	Water
Date of Analysis:	07/20/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**46**	0.10	
	Fluoride	ND	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**10**	0.10	

Comments: Sample was analyzed 7.20.06 at 11.35 am

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MATRIX SPIKE (MS) RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED mg/L	SAMPLE CONCENTRATION mg/L	MS CONCENTRATION mg/L	MS % REC	QC LIMITS (% REC)
Sample ID: AA63054					
Bromide	4	ND	4.1	102	80 - 120
Chloride	1.2	13	11	R	80 - 120
Fluoride	0.8	ND	0.86	108	80 - 120
Nitrate	4	ND	6.6	165	80 - 120
Nitrite	4	ND	4.6	115	80 - 120
Sulfate	6	9.4	12.4	58	80 - 120

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY DUPLICATE RESULTS

Beede Waste Oil - Plaistow, NH

COMPOUND	SAMPLE RESULT mg/L	SAMPLE DUPLICATE RESULT mg/L	PRECISION RPD %	QC LIMITS RPD (%)
Sample ID: AA63053				
Bromide	ND	ND	ND	20
Chloride	1.5	1.5	0.0	20
Fluoride	ND	ND	ND	20
Nitrate	10	12	18	20
Nitrite	ND	ND	ND	20
Sulfate	4.4	5.0	13	20

Comment: Nitrate and sulfate recovery out of spec in the MS.

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology Drive
N. Chelmsford, MA 01863

Project Number: 06070038
Project: Beede Waste Oil - Plaistow, NH
Analysis: Total Recoverable Metals in Water by ICP
EPA Chemist: Mike Dowling
MD 8/14/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGICP6.

Samples were analyzed by inductively coupled plasma - atomic emission spectrometry using pneumatic nebulization. Preparation and analysis SOP's are based on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Revision 2, Final Update III, 3010A and 6010B," respectively.

Date Samples Received by the Laboratory: 7/18/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

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If you have any questions, please call me at 617-918-8340.

Sincerely,

Daniel N Boudreau 8/15/06
Daniel N Boudreau
Chemistry Laboratory Services Coordinator

Qualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside accceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

The samples were prepared and analyzed by ESAT contractors.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH43S	Lab Sample ID:	AA63051
Date of Collection:	7/18/2006	Matrix:	Water
Date of Preparation:	7/19/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**26000**	100	
7439-96-5	Manganese	**740**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH43S DUP	Lab Sample ID:	AA63052
Date of Collection:	7/18/2006	Matrix:	Water
Date of Preparation:	7/19/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**26000**	100	
7439-96-5	Manganese	**750**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-AE14	Lab Sample ID:	AA63053
Date of Collection:	7/18/2006	Matrix:	Water
Date of Preparation:	7/19/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-SH3D	Lab Sample ID:	AA63054
Date of Collection:	7/18/2006	Matrix:	Water
Date of Preparation:	7/19/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**2900**	100	
7439-96-5	Manganese	**180**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-AE17D	Lab Sample ID:	AA63057
Date of Collection:	7/18/2006	Matrix:	Water
Date of Preparation:	7/19/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**200**	100	
7439-96-5	Manganese	**2100**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Reagent Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix:	Water
Date of Preparation:	7/19/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Sample ID: AA63057

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
Iron	500	200	709	102	75 - 125
Manganese	500	2100	2620	R	75 - 125

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Sample ID: AA63052

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
Iron	26000	25000	4	20
Manganese	750	720	4	20

Comments:

Laboratory Fortified Blank (LFB) Results

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Iron	500	524	105	85 - 115
Manganese	500	516	103	85 - 115

Comments:

Samples in Batch: AA63051, AA63052, AA63053, AA63054, AA63057

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070042
Project: Beede Waste Oil - Plaistow, NH
Analysis: VOAs in Water
Analyst: Dan Boudreau DB 8/8/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-VOAGCMS8.

Samples were analyzed by GC/MS. Samples were introduced to the GC via a Tekmar pre-concentrator and an Archon autosampler. The analysis SOP is based on US EPA Method 8260B, SW-846, Rev 2.0,1996. Method 624, 40CFR Part 136 Appendix A, July 1, 1992, and USEPA CLP SOW for Organic Analysis OLM04.2, 1999.

Date Samples Received by the Laboratory: 7/19/06

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If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/9/06
Daniel N. Boudreau
Chemistry Team Leader

Qualifiers: RL = Reporting limit
ND = Not Detected above Reporting limit
NA = Not Applicable due to high sample dilutions or sample interferences
NC = Not calculated since analyte concentration is ND.
J = Estimated value
E = Estimated value exceeds the calibration range
L = Estimated value is below the calibration range
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	TRIP 15	Lab Sample ID:	AA63091
Date of Collection:	7/19/2006	Matrix	Water
Date of Extraction:	7/21/06	Volume Purged:	5 mL
Date of Analysis:	7/21/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	99	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	91	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH1D	Lab Sample ID:	AA63092
Date of Collection:	7/19/2006	Matrix	Water
Date of Extraction:	7/21/06	Volume Purged:	5 mL
Date of Analysis:	7/21/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	100	74 - 136
Toluene-D8	102	85 - 118
1,4-Bromofluorobenzene	98	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-SH1I	Lab Sample ID:	AA63093
Date of Collection:	7/19/2006	Matrix	Water
Date of Extraction:	7/21/06	Volume Purged:	5 mL
Date of Analysis:	7/21/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	**1.3**	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	99	74 - 136
Toluene-D8	101	85 - 118
1,4-Bromofluorobenzene	95	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

VOAs in Water

Client Sample ID:	BWO-AE2	Lab Sample ID:	AA63094
Date of Collection:	7/19/2006	Matrix	Water
Date of Extraction:	7/21/06	Volume Purged:	5 mL
Date of Analysis:	7/21/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	**1.1**	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	98	74 - 136
Toluene-D8	104	85 - 118
1,4-Bromofluorobenzene	99	78 - 111

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Blank for $VOAMW

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Water
Date of Extraction:	7/21/06	Volume Purged:	5.0 mL
Date of Analysis:	7/21/06	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	<2

CAS Number	Compound	Concentration ug/L	RL ug/L	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

Surrogate Compounds	**Recoveries (%)**	**QC Ranges**
1,2-Dichloroethane-D4	98	74 - 136
Toluene-D8	104	85 - 118
1,4-Bromofluorobenzene	94	78 - 111

Comments: Method Blank.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

VOA MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Beede Waste Oil - Plaistow, NH

Sample ID: AA63094

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	ND	16	82	67 - 129
1,1,1-Trichloroethane	20	ND	19	97	75 - 139
1,1,2,2-Tetrachloroethane	20	ND	20	102	50 - 142
1,1,2-Trichloro-1,2,2-Trifluoro	20	ND	20	99	55 - 135
1,1,2-Trichloroethane	20	ND	22	109	62 - 142
1,1-Dichloroethylene	20	ND	21	103	80 - 138
1,1-Dichloropropene	20	ND	20	100	73 - 131
1,1-dichloroethane	20	ND	20	99	61 - 152
1,2,3-Trichlorobenzene	20	ND	17	83	49 - 143
1,2,3-Trichloropropane	20	ND	20	100	53 - 135
1,2,4-Trichlorobenzene	20	ND	17	83	63 - 131
1,2,4-Trimethylbenzene	20	ND	19	94	79 - 142
1,2-Dibromo-3-Chloropropane	20	ND	14	70	28 - 122
1,2-Dibromoethane	20	ND	19	97	53 - 139
1,2-Dichlorobenzene	20	ND	18	90	74 - 129
1,2-Dichloroethane	20	ND	20	102	61 - 142
1,2-Dichloropropane	20	ND	20	101	71 - 126
1,3,5-Trimethylbenzene	20	ND	18	90	77 - 140
1,3-Dichlorobenzene	20	ND	19	93	78 - 127
1,3-Dichloropropane	20	ND	19	97	63 - 130
1,4-Dichlorobenzene	20	ND	19	93	72 - 131
2,2-Dichloropropane	20	ND	14	70	50 - 139
2-Butanone (MEK)	20	ND	15	73	29 - 163
2-Chlorotoluene	20	ND	18	89	74 - 134
2-Hexanone	20	ND	17	83	36 - 141
2-Propanone (acetone)	20	ND	12	58	29 - 164
4-Chlorotoluene	20	ND	18	90	68 - 141
4-Methyl-2-Pentanone(MIBK)	20	ND	22	110	35 - 139
Acrylonitrile	20	ND	18	92	42 - 150
Benzene	20	ND	21	104	78 - 134
Bromobenzene	20	ND	19	93	76 - 126
Bromochloromethane	20	ND	21	104	62 - 140
Bromodichloromethane	20	ND	17	86	62 - 133
Bromoform	20	ND	15	76	31 - 133
Bromomethane	20	ND	14	72	58 - 148
Carbon Disulfide	20	ND	18	92	66 - 135
Carbon tetrachloride	20	ND	20	98	62 - 146
Chlorobenzene	20	ND	20	101	74 - 139
Chloroethane	20	ND	23	112	65 - 145
Chloroform	20	ND	20	100	60 - 144
Chloromethane	20	ND	22	108	58 - 134
Dibromochloromethane	20	ND	16	79	34 - 140
Dibromomethane	20	ND	21	104	67 - 125

Dichlorodifluoromethane	20	ND	22	109	30 - 132
Ethyl Ether	20	ND	23	112	58 - 145
Ethylbenzene	20	ND	19	95	73 - 143
Hexachlorobutadiene	20	ND	16	80	56 - 144
Isopropylbenzene	20	1.1	20	95	73 - 139
M/P Xylene	40	ND	40	99	79 - 136
Methyl-t-Butyl Ether	20	ND	20	98	50 - 144
Methylene Chloride	20	ND	21	107	70 - 144
N-Butylbenzene	20	ND	18	90	68 - 143
N-Propylbenzene	20	ND	19	96	72 - 149
Naphthalene	20	ND	19	95	33 - 154
Ortho Xylene	20	ND	19	97	80 - 129
Para-Isopropyltoluene	20	ND	18	90	71 - 140
Sec-Butylbenzene	20	ND	18	92	75 - 148
Styrene	20	ND	19	93	61 - 148
Tert-Butylbenzene	20	ND	18	89	71 - 139
Tetrachloroethylene	20	ND	18	89	45 - 145
Tetrahydrofuran	20	ND	23	112	37 - 143
Toluene	20	ND	20	101	77 - 142
Trans-1,2-Dichloroethylene	20	ND	22	108	79 - 139
Trichloroethylene	20	ND	19	94	65 - 143
Trichlorofluoromethane	20	ND	21	106	58 - 161
Vinyl Acetate	20	ND	21	106	22 - 173
Vinyl Chloride	20	ND	21	105	68 - 139
c-1,3-dichloropropene	20	ND	17	84	51 - 144
cis-1,2-Dichloroethylene	20	ND	21	102	59 - 154
t-1,3-Dichloropropene	20	ND	16	80	47 - 145

Comments:

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION ug/L	MSD % REC	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	20	17	84	3	40
1,1,1-Trichloroethane	20	21	102	6	16
1,1,2,2-Tetrachloroethane	20	22	108	6	40
1,1,2-Trichloro-1,2,2-Trif	20	22	108	9	40
1,1,2-Trichloroethane	20	23	114	4	40
1,1-Dichloroethylene	20	21	106	3	35
1,1-Dichloropropene	20	20	102	2	40
1,1-dichloroethane	20	22	108	9	40
1,2,3-Trichlorobenzene	20	17	86	4	40
1,2,3-Trichloropropane	20	21	105	5	40
1,2,4-Trichlorobenzene	20	18	88	6	40
1,2,4-Trimethylbenzene	20	19	95	1	40
1,2-Dibromo-3-Chloropro	20	17	84	19	40
1,2-Dibromoethane	20	20	101	4	40
1,2-Dichlorobenzene	20	19	94	4	40
1,2-Dichloroethane	20	21	104	2	23
1,2-Dichloropropane	20	20	102	1	40
1,3,5-Trimethylbenzene	20	18	91	1	40
1,3-Dichlorobenzene	20	19	97	4	40
1,3-Dichloropropane	20	21	104	7	40
1,4-Dichlorobenzene	20	19	96	3	21
2,2-Dichloropropane	20	14	68	2	40
2-Butanone (MEK)	20	16	82	11	40
2-Chlorotoluene	20	18	92	3	40
2-Hexanone	20	18	89	7	40
2-Propanone (acetone)	20	11	55	4	40
4-Chlorotoluene	20	19	93	3	40
4-Methyl-2-Pentanone(M	20	23	114	4	40
Acrylonitrile	20	20	100	9	40
Benzene	20	21	106	2	14
Bromobenzene	20	18	92	1	40
Bromochloromethane	20	21	105	1	40
Bromodichloromethane	20	18	91	6	21
Bromoform	20	16	80	6	40
Bromomethane	20	17	86	18	40
Carbon Disulfide	20	20	98	6	40
Carbon tetrachloride	20	20	101	4	19
Chlorobenzene	20	21	106	5	40
Chloroethane	20	24	119	6	40
Chloroform	20	21	105	5	16
Chloromethane	20	23	114	5	40
Dibromochloromethane	20	16	81	2	36
Dibromomethane	20	21	102	2	40
Dichlorodifluoromethane	20	23	114	4	40
Ethyl Ether	20	22	112	0	40
Ethylbenzene	20	20	98	4	40
Hexachlorobutadiene	20	18	90	12	40
Isopropylbenzene	20	20	94	1	40
M/P Xylene	40	41	102	3	40
Methyl-t-Butyl Ether	20	20	101	3	40
Methylene Chloride	20	22	110	3	40
N-Butylbenzene	20	19	94	4	40

N-Propylbenzene	20	19	96	0	40
Naphthalene	20	20	100	6	40
Ortho Xylene	20	20	98	1	40
Para-Isopropyltoluene	20	19	93	3	40
Sec-Butylbenzene	20	19	97	5	40
Styrene	20	20	99	6	40
Tert-Butylbenzene	20	19	93	4	40
Tetrachloroethylene	20	19	94	5	40
Tetrahydrofuran	20	25	122	9	40
Toluene	20	21	105	4	40
Trans-1,2-Dichloroethyle	20	22	108	0	40
Trichloroethylene	20	21	105	12	22
Trichlorofluoromethane	20	22	110	4	40
Vinyl Acetate	20	22	110	4	40
Vinyl Chloride	20	22	112	6	19
c-1,3-dichloropropene	20	17	87	3	40
cis-1,2-Dichloroethylene	20	22	108	6	40
t-1,3-Dichloropropene	20	17	83	4	40

Comments: Vinyl chloride is out of spec in the MSD.

Samples in Batch: AA63091, AA63092, AA63093, AA63094

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

Sample ID: AA63092

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
1,1,1,2-Tetrachloroethane	ND	ND	ND	30
1,1,1-Trichloroethane	ND	ND	ND	30
1,1,2,2-Tetrachloroethane	ND	ND	ND	30
1,1,2-Trichloro-1,2,2-Trifluoroeth	ND	ND	ND	30
1,1,2-Trichloroethane	ND	ND	ND	30
1,1-Dichloroethylene	ND	ND	ND	30
1,1-Dichloropropene	ND	ND	ND	30
1,1-dichloroethane	ND	ND	ND	30
1,2,3-Trichlorobenzene	ND	ND	ND	30
1,2,3-Trichloropropane	ND	ND	ND	30
1,2,4-Trichlorobenzene	ND	ND	ND	30
1,2,4-Trimethylbenzene	ND	ND	ND	30
1,2-Dibromo-3-Chloropropane	ND	ND	ND	30
1,2-Dibromoethane	ND	ND	ND	30
1,2-Dichlorobenzene	ND	ND	ND	30
1,2-Dichloroethane	ND	ND	ND	30
1,2-Dichloropropane	ND	ND	ND	30
1,3,5-Trimethylbenzene	ND	ND	ND	30
1,3-Dichlorobenzene	ND	ND	ND	30
1,3-Dichloropropane	ND	ND	ND	30
1,4-Dichlorobenzene	ND	ND	ND	30
2,2-Dichloropropane	ND	ND	ND	30
2-Butanone (MEK)	ND	ND	ND	30
2-Chlorotoluene	ND	ND	ND	30
2-Hexanone	ND	ND	ND	30
2-Propanone (acetone)	ND	ND	ND	30
4-Chlorotoluene	ND	ND	ND	30
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	30
Acrylonitrile	ND	ND	ND	30
Benzene	ND	ND	ND	30
Bromobenzene	ND	ND	ND	30
Bromochloromethane	ND	ND	ND	30
Bromodichloromethane	ND	ND	ND	30
Bromoform	ND	ND	ND	30
Bromomethane	ND	ND	ND	30
Carbon Disulfide	ND	ND	ND	30
Carbon tetrachloride	ND	ND	ND	30
Chlorobenzene	ND	ND	ND	30
Chloroethane	ND	ND	ND	30
Chloroform	ND	ND	ND	30
Chloromethane	ND	ND	ND	30
Dibromochloromethane	ND	ND	ND	30
Dibromomethane	ND	ND	ND	30
Dichlorodifluoromethane	ND	ND	ND	30
Ethyl Ether	ND	ND	ND	30
Ethylbenzene	ND	ND	ND	30
Hexachlorobutadiene	ND	ND	ND	30
Isopropylbenzene	ND	ND	ND	30
M/P Xylene	ND	ND	ND	30

Methyl-t-Butyl Ether	ND	ND	ND	30
Methylene Chloride	ND	ND	ND	30
N-Butylbenzene	ND	ND	ND	30
N-Propylbenzene	ND	ND	ND	30
Naphthalene	ND	ND	ND	30
Ortho Xylene	ND	ND	ND	30
Para-Isopropyltoluene	ND	ND	ND	30
Sec-Butylbenzene	ND	ND	ND	30
Styrene	ND	ND	ND	30
Tert-Butylbenzene	ND	ND	ND	30
Tetrachloroethylene	ND	ND	ND	30
Tetrahydrofuran	ND	ND	ND	30
Toluene	ND	ND	ND	30
Trans-1,2-Dichloroethylene	ND	ND	ND	30
Trichloroethylene	ND	ND	ND	30
Trichlorofluoromethane	ND	ND	ND	30
Vinyl Acetate	ND	ND	ND	30
Vinyl Chloride	ND	ND	ND	30
c-1,3-dichloropropene	ND	ND	ND	30
cis-1,2-Dichloroethylene	ND	ND	ND	30
t-1,3-Dichloropropene	ND	ND	ND	30

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY FORTIFIED BLANK (LFB) AND DUPLICATE (LFB Dup) RECOVERY

Beede Waste Oil - Plaistow, NH

COMPOUND	SPIKE ADDED ug/mL	LFB CONCENTRATION ug/mL	LFB RECOVERY %	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	20	18	90	79 - 136
1,1,1-Trichloroethane	20	20	100	75 - 146
1,1,2,2-Tetrachloroethane	20	21	105	62 - 141
1,1,2-Trichloro-1,2,2-Trifluoroeth	20	20	100	56 - 130
1,1,2-Trichloroethane	20	22	110	75 - 138
1,1-Dichloroethylene	20	21	105	75 - 136
1,1-Dichloropropene	20	20	100	77 - 137
1,1-dichloroethane	20	21	105	76 - 142
1,2,3-Trichlorobenzene	20	17	85	64 - 143
1,2,3-Trichloropropane	20	22	110	66 - 133
1,2,4-Trichlorobenzene	20	17	85	80 - 131
1,2,4-Trimethylbenzene	20	18	90	74 - 155
1,2-Dibromo-3-Chloropropane	20	17	85	37 - 139
1,2-Dibromoethane	20	20	100	72 - 135
1,2-Dichlorobenzene	20	18	90	85 - 128
1,2-Dichloroethane	20	19	95	74 - 138
1,2-Dichloropropane	20	20	100	83 - 124
1,3,5-Trimethylbenzene	20	19	95	80 - 145
1,3-Dichlorobenzene	20	19	95	84 - 130
1,3-Dichloropropane	20	21	105	77 - 129
1,4-Dichlorobenzene	20	18	90	82 - 128
2,2-Dichloropropane	20	18	90	32 - 171
2-Butanone (MEK)	20	18	90	38 - 179
2-Chlorotoluene	20	19	95	78 - 134
2-Hexanone	20	19	95	45 - 158
2-Propanone (acetone)	20	12	60	14 - 209
4-Chlorotoluene	20	19	95	75 - 144
4-Methyl-2-Pentanone(MIBK)	20	25	125	40 - 144
Acrylonitrile	20	20	100	52 - 154
Benzene	20	21	105	83 - 130
Bromobenzene	20	19	95	85 - 126
Bromochloromethane	20	21	105	69 - 137
Bromodichloromethane	20	19	95	70 - 143
Bromoform	20	16	80	51 - 136
Bromomethane	20	17	85	65 - 140
Carbon Disulfide	20	19	95	68 - 140
Carbon tetrachloride	20	20	100	70 - 144
Chlorobenzene	20	20	100	84 - 131
Chloroethane	20	23	115	70 - 134
Chloroform	20	21	105	76 - 141
Chloromethane	20	22	110	63 - 123
Dibromochloromethane	20	16	80	39 - 154
Dibromomethane	20	22	110	79 - 124
Dichlorodifluoromethane	20	22	110	37 - 117
Ethyl Ether	20	23	115	67 - 140
Ethylbenzene	20	19	95	81 - 133
Hexachlorobutadiene	20	17	85	68 - 146
Isopropylbenzene	20	20	100	78 - 137
M/P Xylene	40	41	103	68 - 155

Methyl-t-Butyl Ether	20	21	105	63 - 144
Methylene Chloride	20	20	100	75 - 140
N-Butylbenzene	20	18	90	69 - 147
N-Propylbenzene	20	19	95	76 - 138
Naphthalene	20	20	100	53 - 155
Ortho Xylene	20	19	95	85 - 135
Para-Isopropyltoluene	20	19	95	77 - 141
Sec-Butylbenzene	20	18	90	80 - 141
Styrene	20	19	95	82 - 139
Tert-Butylbenzene	20	18	90	75 - 144
Tetrachloroethylene	20	20	100	32 - 173
Tetrahydrofuran	20	27	135	47 - 149
Toluene	20	20	100	85 - 134
Trans-1,2-Dichloroethylene	20	20	100	80 - 138
Trichloroethylene	20	20	100	76 - 135
Trichlorofluoromethane	20	21	105	60 - 149
Vinyl Acetate	20	24	120	38 - 187
Vinyl Chloride	20	21	105	66 - 133
c-1,3-dichloropropene	20	18	90	68 - 149
cis-1,2-Dichloroethylene	20	20	100	76 - 143
t-1,3-Dichloropropene	20	18	90	62 - 160

COMPOUND	LFB Dup CONCENTRATION ug/L	LFB Dup RECOVERY %	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	16	81	11	40
1,1,1-Trichloroethane	19	94	6	16
1,1,2,2-Tetrachloroethane	21	103	2	40
1,1,2-Trichloro-1,2,2-Trifluo	19	96	5	40
1,1,2-Trichloroethane	21	107	3	40
1,1-Dichloroethylene	20	99	6	35
1,1-Dichloropropene	20	99	2	40
1,1-dichloroethane	19	97	8	40
1,2,3-Trichlorobenzene	16	79	7	40
1,2,3-Trichloropropane	21	107	3	40
1,2,4-Trichlorobenzene	16	78	9	40
1,2,4-Trimethylbenzene	17	87	4	40
1,2-Dibromo-3-Chloropropa	16	81	5	40
1,2-Dibromoethane	20	99	1	40
1,2-Dichlorobenzene	18	88	3	40
1,2-Dichloroethane	20	100	5	23
1,2-Dichloropropane	19	95	6	40
1,3,5-Trimethylbenzene	18	90	5	40
1,3-Dichlorobenzene	18	90	6	40
1,3-Dichloropropane	21	103	2	40
1,4-Dichlorobenzene	18	89	1	21
2,2-Dichloropropane	10	52	54	40
2-Butanone (MEK)	17	86	5	40
2-Chlorotoluene	17	87	9	40
2-Hexanone	17	86	10	40
2-Propanone (acetone)	11	57	5	40
4-Chlorotoluene	18	88	8	40
4-Methyl-2-Pentanone(MIB	23	113	11	40
Acrylonitrile	21	103	3	40
Benzene	21	104	1	14
Bromobenzene	19	93	2	40
Bromochloromethane	20	99	6	40
Bromodichloromethane	18	88	8	21
Bromoform	16	78	3	40
Bromomethane	14	72	17	40
Carbon Disulfide	17	84	12	40
Carbon tetrachloride	19	95	6	19
Chlorobenzene	21	103	3	40
Chloroethane	22	109	5	40
Chloroform	20	102	3	16
Chloromethane	21	106	4	40
Dibromochloromethane	15	75	7	36
Dibromomethane	20	100	10	40
Dichlorodifluoromethane	21	103	7	40
Ethyl Ether	22	108	7	40
Ethylbenzene	18	92	4	40
Hexachlorobutadiene	15	74	14	40
Isopropylbenzene	19	93	7	40
M/P Xylene	40	99	4	40
Methyl-t-Butyl Ether	20	100	5	40
Methylene Chloride	20	99	1	40
N-Butylbenzene	17	86	5	40
N-Propylbenzene	17	86	11	40
Naphthalene	19	94	7	40
Ortho Xylene	19	96	1	40
Para-Isopropyltoluene	18	91	5	40
Sec-Butylbenzene	17	87	4	40

Styrene	18	91	5	40
Tert-Butylbenzene	17	86	5	40
Tetrachloroethylene	27	135	30	40
Tetrahydrofuran	26	131	3	40
Toluene	20	100	0	40
Trans-1,2-Dichloroethylene	20	102	2	40
Trichloroethylene	19	96	4	22
Trichlorofluoromethane	21	104	1	40
Vinyl Acetate	18	91	28	40
Vinyl Chloride	20	101	4	19
c-1,3-dichloropropene	17	83	8	40
cis-1,2-Dichloroethylene	20	98	3	40
t-1,3-Dichloropropene	15	76	17	40

Samples in Batch: AA63091, AA63092, AA63093, AA63094

Comments: The relative percent difference for 2,2-dichloropropane and recovery for 1,2,4-trichlorobenzene in the LFB duplicate are outside the acceptable QC limits in the LFB study.

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Results

July 20, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070042
Project: Beede Waste Oil - Plaistow, NH
Analysis: Alkalinity
Analyst: Inna Germansderfer IG 8/3/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, INGALKCARB0.SOP.

Analysis was performed by ESAT contractors working at the EPA New England Laboratory.

Date Samples Received by the Laboratory: 07/19/2006

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/4/06

Daniel N. Boudreau
Chemistry Team Leader

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Alkalinity

Date of Collection: 07/19/2006
Matrix: Water

Sample Number	Lab ID	Analysis	Concentration mg/L	RL mg/L	Qualifier
BWO-AE2	AA63094	07/20/2006	**13**	0.6	
Comments					
Blank		07/20/2006	ND	0.5	
Comments					

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Beede Waste Oil - Plaistow, NH

SAMPLE ID	PARAMETER	SAMPLE RESULT mg/L	SAMPLE DUPE RESULT mg/L	PRECISION RPD %	QC LIMITS (%RPD)
AA63094	Alkalinity	13	12	8.0	15

Comments:

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 03, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology drive
N. Chelmsford, MA 01863 - 2431

Project Number: 06070042
Project: Beede Waste Oil - Plaistow, NH
Analysis: Ion Chromatography Anions
Analyst: Inna Germansderfer IG 8/3/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGDXIC9.

The analysis was performed using either a Dionex DX320 or DX120 Ion Chromatograph.

Date Samples Received by the Laboratory: 7/19/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau 8/10/06

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL = Reporting limit
ND = Not Detected above reporting limit
NA = Not Applicable
NC = Not calculated since analyte concentration is ND
J1 = Estimated value due to MS recovery outside accceptance criteria
J2 = Estimated value due to LFB result outside acceptance criteria
J3 = Estimated value due to RPD result outside acceptance criteria
J4 = Estimated value due to LCS result outside acceptance criteria
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Ion Chromatography Anions

Client Sample ID:	BWO-AE2	Lab Sample ID:	AA63094
Date of Collection:	07/19/2006 12:25	Matrix	Water
Date of Analysis:	07/20/2006		

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Bromide	ND	0.10	
	Chloride	**19**	0.10	
	Fluoride	ND	0.10	
	Nitrate	ND	0.10	
	Nitrite	ND	0.10	
	Sulfate	**7.6**	0.10	

Comments: Sample was run 7/20/06 at 11.57 am
Sample was run with p/n 06070038 ;LFB, dup and spike were run with this project. Raw QC data are in the p/n 06070038 folder.

NO2NO3 as Nitrogen / PO4 as Phosphorus

CAS Number	Parameter	Concentration mg/L	RL mg/L	Qualifier
	Nitrate as Nitrogen	ND	0.02	
	Nitrite as Nitrogen	ND	0.03	
	o-Phosphate as Phosphorus	ND	0.03	

Region 1, New England

United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

August 08, 2006

Dan Granz / Lisa Thuot - EIA / OEME
US EPA New England Regional Laboratory
11 Technology Drive
N. Chelmsford, MA 01863

Project Number: 06070042
Project: Beede Waste Oil - Plaistow, NH
Analysis: Total Recoverable Metals in Water by ICP
EPA Chemist: Mike Dowling
MD 8/14/06

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Samples were analyzed following the EPA Region I SOP, EIASOP-INGICP6.

Samples were analyzed by inductively coupled plasma - atomic emission spectrometry using pneumatic nebulization. Preparation and analysis SOP's are based on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Revision 2, Final Update III, 3010A and 6010B," respectively.

Date Samples Received by the Laboratory: 7/19/06

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions, please call me at 617-918-8340.

Sincerely,
Daniel N Boudreau 8/15/06
Daniel N Boudreau
Chemistry Laboratory Services Coordinator

Oualifiers:

RL	Reporting limit
ND	Not Detected above reporting limit
NA	Not Applicable
NC	Not calculated since analyte concentration is ND
J1	Estimated value due to MS recovery outside accceptance criteria
J2	Estimated value due to LFB result outside acceptance criteria
J3	Estimated value due to RPD result outside acceptance criteria
J4	Estimated value due to LCS result outside acceptance criteria
B	Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 10 times the concentration in the blank.
R	No recovery was calculated since the analyte concentration is greater than four times the spike level.

Comments:

The samples were prepared and analyzed by ESAT contractors.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Total Recoverable Metals in Water by ICP

Client Sample ID:	BWO-AE2	Lab Sample ID:	AA63094
Date of Collection:	7/19/2006	Matrix:	Water
Date of Preparation:	7/20/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	<2

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	**1300**	100	
7439-96-5	Manganese	**850**	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Beede Waste Oil - Plaistow, NH

Laboratory Reagent Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix:	Water
Date of Preparation:	7/20/06	Final Volume:	50 mL
Date of Analysis:	7/25/06	Digestate Dilution:	1
Volume Prepared:	50 mL	pH:	N/A

CAS Number	Parameter	Concentration ug/L	RL ug/L	Qualifier
7439-89-6	Iron	ND	100	
7439-96-5	Manganese	ND	20	

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

METALS MATRIX SPIKE (MS) RESULTS

Sample ID: AA63094

PARAMETER	SPIKE ADDED ug/L	SAMPLE CONCENTRATION ug/L	MS CONCENTRATION ug/L	MS % REC	QC LIMITS (% REC)
Iron	500	1300	1830	106	75 - 125
Manganese	500	850	1340	98	75 - 125

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

Sample ID: AA63094

PARAMETER	SAMPLE RESULT ug/L	SAMPLE DUPLICATE RESULT ug/L	PRECISION RPD %	QC LIMITS
Iron	1300	1400	7	20
Manganese	850	850	0	20

Comments:

Laboratory Fortified Blank (LFB) Results

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
Iron	500	528	106	85 - 115
Manganese	500	512	102	85 - 115

Comments:

Samples in Batch: AA63094