State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
NHDES
6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3644 FAX (603) 271-2181

Beede
3.02
203996

November 25, 2003

Mr. James DiLorenzo
USEPA Region One
1 Congress Street, Suite 1100 (HBO)
Boston, MA 02114

SDMS DocID 000203996

RE: Water Quality analysis results of the sampling program at the Beede Waste Oil Site in Plaistow, New Hampshire.

Dear Jim:

Please find enclosed a copy of the results of the water quality analyses for VOCs and the natural attenuation parameters consisting of Total Fe, Total Mn, Chloride, Sulfate, Nitrate, Nitrite, TKN and Alkalinity conducted on samples collected from monitoring wells at the Beede Waste Oil Site in Plaistow, NH between August and October 2003. Also enclosed is a copy of the memo sent to Mr. Richard Pease, a well data sheet, a water level report, and a NHDES sampling memo, dated November 12, 2003.

If you have any questions, please contact me at 271-0697.

Sincerely,

Leah Desmarais

Leah Desmarais
Waste Management Specialist
Hazardous Waste Remediation Bureau

ENCLOSURE
CC: Richard H. Pease, P.E., NHDES Project Manager

STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION

DATE: November 25, 2003
AT (OFFICE): NHDES-WMD

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

FROM: Leah Desmarais
Hazardous Waste Remediation Bureau

SUBJECT: **2003 Sampling Round at the Beede Waste Oil Site in Plaistow, New Hampshire**

TO: Richard H. Pease, P.E., NHDES Project Manager

CC: Jim DiLorenzo, USEPA Project Manager
Charles Crocetti, at Sanborn, Head & Associates
Sharon G. Perkins, NHDES

Enclosures: Laboratory results for VOCs, and the natural attenuation samples consisting of Total Fe, Total Mn, Chloride, Sulfate, Nitrate, Nitrite, TKN and Alkalinity, 1,4-dioxane screening, Well Location Summary, Water Level Report, and a NHDES sampling memo, dated November 12, 2003.

The 2003 Sampling Round at Beede Waste Oil Site in Plaistow, New Hampshire has been completed. NHDES personnel collected groundwater samples in August, September and October 2003, using the low flow method, peristaltic pumps and dedicated tubing. The weather varied from warm and humid to cold and raining.

A decision was previously made at the HWRB to screen for 1,4-Dioxane at the seven Superfund Sites that the NHDES currently samples. 1, 4-Dioxane was not found in any of the samples collected.

Tentatively Identified Compounds (TICS)
It should be noted that TIC memos were attached to several VOC results returned from the NHDES laboratory. These memos list the tentatively identified compounds along with their estimated concentrations. Copies of these can be found with the lab results for each well.

VOCs were collected from 57 wells during this round, along with duplicates and trip blanks:

AE-1	AE-18S	SH-3S	SH-15S	SH-22R	SH-25S	SH-43S	WP-14
AE-2	AE-18D	SH-3I	SH-15I	SH-23S	SH-25I	SH-44S	WP-18
AE-4	AE-20	SH-3D	SH-15D	SH-23I	SH-25D	SH-47S	
AE-10	AE-21	SH-4S	SH-19I	SH-23D	SH-26S	SH-48S	
AE-12	AE-22	SH-4I	SH-19D	SH-24S	SH-27S	SH-53S	
AE-14	SH-2S	SH-4D	SH-21S	SH-24I	SH-33S	SH-54S	
AE-17S	SH-2I	SH-12S	SH-22S	SH-24D	SH-38S	SH-56S	
AE-17D	SH-2D	SH-13D	SH-22D		SH-41S	SH-57S	

In addition, VOCs were collected from surface water surrounding the following 5 well points, which were unable to be sampled using the low flow method. An explanation can be found in the following section.

WP-4 WP-10 WP-12 WP-15 WP-17

Samples for the natural attenuation parameters consisting of Total Fe, Total Mn, Chloride, Sulfate, Nitrate, TKN and Alkalinity were collected from the following 32 wells:

AE-2	AE-18S	SH-2S	SH-4S	SH-22S	SH-24S
AE-10	AE-18D	SH-2I	SH-4I	SH-22D	SH-24I
AE-12	AE-20	SH-2D	SH-4D	SH-22R	SH-24D
AE-14		SH-3S	SH-13D	SH-23S	SH-43S
AE-17S		SH-3I	SH-15S	SH-23I	SH-53S
AE-17D		SH-3D	SH-15I	SH-23D	

The following ten well locations were added to this sampling round; tubing was installed in seven of them and samples were collected; however, three of them were not sampled (noted with an asterisk) and tubing was not installed. An explanation can be found in the next section.

SH-19S*	SH-21S	SH-25S
SH-19I	SH-21I*	SH-25I
SH-19D	SH-21D*	SH-25D
		SH-44S

In addition to these ten well locations, it was decided during the sampling round to sample SH-47S and SH-48S. An explanation can be found later in this report.

Wells not sampled:
Eight off-site wells were not sampled. WP-4, WP-10, WP-12, WP-15, and WP-17 were in deep water and accessibility was not possible. Instead, surface water samples were taken as close to the well points as possible. These wells will be sampled yearly when accessible. SH-19S, SH-21I and SH-21D were added to this sampling round but after well depths was taken, it was realized that they were filled in with sand above the screened interval and couldn't be sampled.

Naphthalene
Although results for all other contaminants analyzed were consistent between SH-43S and SH-43S duplicate, VOC analysis of these two samples showed inconsistent results for Naphthalene. SH-43S showed a result of 18ug/L and SH-43S duplicate showed a result of 55ug/L. The NHDES lab was made aware of the discrepancy and reviewed their data to try to find a cause. According to the NHDES lab, both samples were run on 2 consecutive days. On the first day, the results for these two samples were close to one another. However, the data was not reported because several quality control parameters failed. The two samples were rerun the next day and Naphthalene results were reported but are not close to one another. The NHDES lab cannot explain why the data is inconsistent but theorize that it was caused by machine error. See lab narrative memo dated 10/21/03 attached to SH-43S results for an explanation. Fortunately, enough field duplicates were taken to satisfy the QA/QC requirements without this duplicate.

Nitrate/Nitrite
Samples from AE-18S, AE-18S duplicate, AE-18D, SH-43S and SH-43S duplicate were brought to the NHDES lab for analysis. All natural attenuation tests were performed on AE-18S as normal. However, when the analyst opened the natural attenuation bottle for AE-18S duplicate, 18D, SH-43S and SH-43S duplicate, they smelled of petroleum and the analyst decided not to run them as usual for fear of coating the equipment's tubing and causing equipment problems. See attached memo from Sharon Perkins, NHDES, dated November 12, 2003, detailing this situation.

Because of the odors detected by the NHDES lab from the samples, it was decided to use an Oil/Water interface probe to check all wells in the area of AE-18 and SH-43. The probe picked up a product hit at AE-18S only. All the wells in the immediate vicinity of AE-18S were already included in this sampling round, except for SH-47S and SH-48S. It was decided to sample these two wells additionally, in order to obtain results from the entire physical area immediately surrounding AE-18S. Three well volumes were calculated and the wells were purged using peristaltic pumps. It should be noted that approximately 10 volumes were inadvertently purged from SH-47S.

There are two wells, SH-13D and SH-24D, where the water level will not stabilize during low flow sampling, as noted in the previous NHDES Sampling Report. Both of these wells were sampled using the low flow sampling procedure during this sampling round and we will continue to do so unless otherwise notified.

The three roadboxes at SH-24 (S, I, and D) were replaced before the 2001 sampling round with new 8-inch flush-mounted roadboxes. Upon return to these three wells during the 2003 sampling round, one had been covered with dirt and seeded. Two wells were partially covered with dirt but were easily found and the water levels were taken. SH-24I was not found that day, but was later found using a metal detector. The water level was taken and all three wells were subsequently sampled.

The three wells at SH-25 (S, I, and D) had locking well plugs that need to be replaced before the next sampling round.

New tubing was installed in many wells to the middle of the screened interval during the 1999 sampling round. Once sampling started, it was discovered that the water levels in the following wells were near or below the middle of the screen, so silicon tubing was used on the pump end to extend the length. These wells are indicated on the well location data sheet with an "X." The correct placement of the tubing in these wells still needs to be decided. I would recommend replacing the tubing if these wells are to be included in a long term monitoring program using peristaltic pumps. I would not recommend moving the tubing each time the well is sampled, as you are disturbing the standing water in the well, which may affect the turbidity and cause longer sampling times. Since the water levels will change over time, the tubing cannot be placed at the center of the saturated screen permanently. We may want to place the tubing a foot off the bottom in all these wells to remain consistent and disturb the wells as little as possible.

AE-1	AE-10	AE-21	SH-12S	SH-26S	SH-53S
AE-2	AE-14	AE-22	SH-23S	SH-33S	SH-54S
AE-4	AE-20	SH-3S	SH-24S	SH-43S	SH-57S

STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION

DATE: November 12, 2003

AT (OFFICE):
NHDES-WMD

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

FROM: Sharon G. Perkins
Hazardous Waste Remediation Bureau

SUBJECT: **Possible product in a number of monitoring wells at the Beede Waste Oil Site in Plaistow, New Hampshire**

TO: Richard H. Pease, P.E., NHDES Project Manager

CC: Jim DiLorenzo, USEPA Project Manager
Leah Desmarais, NHDES- HWRB
Charles Crocetti, Sanborn, Head & Associates
Scott Salzer, Tetra Tech NUS

All the wells in this sampling round were sampled for VOCs. A number of wells were also sampled for the following natural attenuation parameters: Total Fe, Total Mn, Sulfate, Nitrate, Chloride, TKN and Alkalinity. This memo is primarily concerned with a number of Sulfate, Nitrate and Chloride samples.

On Monday September 22, 2003 the NHDES lab (Lab) informed me that they detected a strong odor of fuel/petroleum in the duplicate sample for monitoring well A-18S and a slight odor of fuel/petroleum in the sample for monitoring well AE-18D. The Lab would not run either sample for Sulfate, Nitrate and Chloride, as they were afraid they would coat the tubing and cause equipment problems. I checked the samples in the Lab. AE-18S and the duplicate did have a strong odor, however I could not detect any odor from AE-18D. I notified both Dick Pease and Jim DiLorenzo of a potential problem at the site.

The following samples were collected and submitted (along with others) on Thursday, September 18, 2003 for Sulfate, Nitrate and Chloride:

Monitoring well AE-18S	Sample Number A 64534-2	Lab unintentionally ran it
Monitoring well AE-18S duplicate	Sample Number A 64534-3	Lab did not run it
Monitoring well AE-18D	Sample Number A 64534-4	Lab did not run it

It was not their intention, however, they did run AE-18S. Apparently it did not cause them any equipment problems and they could have run the other two samples.

On Tuesday, we borrowed an oil/water interface probe. Scott Salzer, from Tetra Tech, and I checked the following wells in that area for the presence of product: SH-26S, SH-43S, SH-44S, SH-47S, SH-48S, AE-18S and AE-18D. There was no odor emanating from any of the wells. Monitoring well AE-18S was the only well that registered anything on the meter. It only registered a "sheen", if you moved the probe a tiny fraction it was gone, but it definitely registered a solid tone on the meter.

The standing water in the tubing for monitoring wells AE-18S and AE-18D was evacuated and another sample for Alkalinity, Sulfate, Nitrate and Chloride was collected on Tuesday afternoon. The odor was again strong in AE-18S so that sample was not submitted for analysis. The sample for AE-18D was submitted and the Lab accepted the sample and ran it; sample number A64644-8.

On Tuesday, September 23, 2003, the following samples were also collected and submitted for Sulfate, Nitrate and Chloride:

Monitoring well	SH-43S	Sample Number A 64644-6	Lab did not run it
Monitoring well	SH-43S duplicate	Sample Number A 64644-7	Lab did not run it

The Lab informed Leah of the same strong odor of fuel/petroleum in both samples and again they would not run these samples for Sulfate, Nitrate and Chloride for fear of equipment problems. Scott and I had already checked that well with the oil/water interface probe before it was sampled and did not detect any product, nor did we detect any odor. I did not check these samples for odor in the Lab.

After discussing the issues with Garry Haworth, the Inorganic Laboratory Supervisor, the Lab decided to run the Sulfate and Chloride samples from the original containers and to run a Nitrate/Nitrite combination from the TKN bottle, which had been acidified. The lab determined that if there was product present that the levels were low enough so it would probably not affect their equipment. There is a 48-hour holding time on unpreserved Nitrate samples and a 28-day holding time on a preserved Nitrate/Nitrite combination sample.

In order to check the area around AE-18S, VOCs were collected from 2 wells, which have never been in our monitoring program, SH-47S and SH-48S. Wells SH-26S, SH-43S and SH-44S in the same area were already on the monitoring list. The two wells were not sampled using the low flow sampling technique. Instead, over three volumes of water was purged from each well with a peristaltic pump before a VOC sample was collected. It should be noted that approximately 10 volumes was inadvertently purged from SH-47S instead of the usual 3 volumes. The results are as follows:

Well	Sample #	Results			
SH-47S	A65120-19	cis-1,2-dichloroethene	51	ppb	
		1,1,1-trichloroethane		8.3	ppb
SH-48S	A65120-20	No VOCs detected			

Summary

The following samples were analyzed for Nitrate/Nitrite combination from the preserved TKN bottles.

AE-18S (A64534-2),
AE-18S Duplicate (A64534-3),
AE-18D (A64534-4),
SH-43S (A64644-6), and
SH-43S Duplicate (A64644-7)

All other samples collected for natural attenuation parameters during this sampling round were analyzed for Nitrate only from the unpreserved bottles.

All samples collected for natural attenuation parameters during this sampling round for Sulfate and Chloride were analyzed from the unpreserved bottle.

Before the Lab had decided to run the Sulfate and Chloride or the original samples and a Nitrate/Nitrite combination on the TKN bottle, a second sample for Sulfate, Nitrate and Chloride (and alkalinity) had been collected in an unpreserved bottle at monitoring well AE-18D by purging 3 volumes and sampling, rather than low flow sampling.

AE-18D (A64644-8)

WATER LEVEL DATA AT BEEDE WASTE OIL SITE IN PLAISTOW, NEW HAMPSHIRE

Well #	Depth Top of PVC	Screen Length Feet	Water Level 9-10/97	Water Level 7/98	Water Level 6/16/99	Water Level 9/18/00	Water Level 6/12/01	Water Level 8/25-26/03	Comments
AE-1	24.99	10	19.36	---	19.01	18.89	18.32	18.76	
AE-2	21.22	10	18.75	---	18.26	18.10	17.54	17.98	
AE-4	26.95	10	23.89	21.72	23.44	23.55	22.69	23.30	right of trailer
AE-10	22.14	10	20.18	16.84	19.34	19.32	18.05	19.17	
AE-12	27.77	10	21.93	---	21.18	21.09	19.71	21.04	
AE-14	29.73	10	24.74	---	24.36	24.16	23.64	24.03	
AE-17S	22.48	10	16.02	---	15.69	15.38	15.01	15.06	
AE-17D	51.22	10	16.04	---	14.33	14.25	13.88	15.28	1.31 ft from toc to tpvc
AE-18S	29.72	10	17.97	---	17.92	17.50	17.15	17.24	
AE-18D	55.43	10	16.43	---	16.32	15.91	15.55	15.63	
AE-20	23.02	10	17.92	---	17.49	17.62	15.84	17.35	
AE-21	22.08	10	21.45	18.93	20.94	20.86	20.02	20.74	
AE-22	24.33	10	21.98	19.43	20.51	21.45	20.73	21.32	
SH-2S	32.38	15	18.16	---	18.20	17.71	17.39	17.30	
SH-2I	47.78	10	18.35	---	18.45	17.95	17.62	17.53	
SH-2D	69.42	10	18.3	---	18.11	17.62	17.28	17.20	
SH-3S	28.56	15	24.94	---	24.51	24.47	23.62	24.18	
SH-3I	54.93	10	26.11	---	25.71	25.58	24.90	25.31	
SH-3D	73.58	10	26.5	---	25.58	25.39	24.73	25.11	
SH-4S	29.20	15	19.66	---	19.34	19.38	17.85	19.15	
SH-4I	54.90	10	22.64	---	22.21	22.15	21.07	21.95	
SH-4D	73.74	10	22.55	---	22.20	22.10	21.08	21.93	
SH-12S	23.67	15	11.29	---	10.87	19.75	10.13	10.61	
SH-13D	105.88	10	15.2	---	16.26	15.69	15.41	15.46	
SH-15S	15.53	10	6.49	---	6.54	6.10	5.68	5.78	
SH-15I	51.62	10	7.02	---	7.03	6.57	6.17	6.22	
SH-15D	100.90	10	9.3	---	7.15	6.56	6.27	6.46	
SH-19S	8.75	Depth measured in 2003						8.22	
SH-19I	52.90	Depth measured in 2003						8.07	
SH-19D	104.36	Depth measured in 2003						7.70	
SH-21S	20.27	Depth measured in 2003						16.51	
SH-21I	48.56	Depth measured in 2003						15.20	
SH-21D	76.68	Depth measured in 2003						15.21	
SH-22S	15.77	10	7.99	---	7.93	7.58	7.20	7.56	
SH-22D	52.10	10	8.02	---	8.03	7.65	7.16	7.52	
SH-22R	158.52	101	---	6.29	7.60	7.46	6.67	7.18	
SH-23S	15.90	10	10.68	---	10.45	10.05	9.41	10.11	
SH-23I	37.81	10	10.75	---	10.51	10.08	9.40	10.10	
SH-23D	62.52	10	10.41	---	10.18	9.85	9.17	9.85	
SH-24S	19.74	10	15.65	---	14.97	14.95	13.99	14.71	
SH-24I	43.86	10	15.36	---	14.74	14.65	13.75	CAN'T FIND	
SH-24D	103.78	10	17.2	---	17.25	16.74	15.72	16.68	
SH-25S	23.79	Depth measured in 2003						17.23	
SH-25I	59.63	Depth measured in 2003						19.90	
SH-25D	98.31	Depth measured in 2003						22.50	
SH-26S	21.94	10	16.73	---	16.58	16.18	15.80	15.96	
SH-27S	16.24	10	10	---	9.83	9.55	9.15	9.30	
SH-33S	27.60	10	22.61	19.49	21.91	21.85	20.99	21.70	
SH-38S	30.16	10	23.04	---	22.67	22.47	21.80	22.35	
SH-41S	15.74	10	10.48	---	10.07	9.73	9.07	9.60	
SH-43S	20.63	10	15.02	---	14.81	14.48	14.14	14.33	
SH-44S	22.71	Depth measured in 2003						15.73	
SH-53S	22.73	10	---	16.33	19.01	19.02	17.79	18.86	
SH-54S	22.66	10	---	16.7	19.46	19.45	18.17	19.30	
SH-56S	22.58	10	---	---	n/a	19.05	17.84	18.90	
SH-57S	23.78	10	---	19.01	21.55	21.54	20.40	21.40	
WP-4	17.20	1	n/a	n/a	1.19	0.97	1.00	0.87	
WP-10	11.85	1	n/a	n/a	1.08	0.69	0.42	IN WATER	
WP-12	17.03	1	n/a	n/a	0.64	0.15	top coupling	IN WATER	
WP-14	16.87	1	n/a	n/a	1.63	1.08	0.79	0.58	
WP-15	17.13	1	n/a	n/a	1.32	0.59	0.41	IN WATER	
WP-17	17.48	1	n/a	n/a	1.58	1.98	0.86	IN WATER	
WP-17A	17.24	1	n/a	n/a	0.23	n/a	n/a	---	
WP-18	12.06	1	n/a	n/a	1.05	0.81	0.25	0.86	

Notes: Depths and water levels for WPs are taken from top of coupling. The 6/16/99 results have been corrected in this report to reflect water levels from top of coupling. Please disregard previous water level reports.

In 2001, the water levels for the WP's were taken on the day the samples were collected, not on 6/12/01

BEEDE WASTE OIL SITE - WELL LOCATION DATA - 2003 SAMPLING ROUND

10/2003

Well #	Depth Top of PVC	Screen Length Feet		Water Level	Length Tubing in well Feet	Plus Extra Tubing	Total # Feet Tubing Cut	Middle of Screen Yes	Tubing Feet off Bottom	Diff TOC to Ground feet	Diff PVC to TOC feet	Comments
				8/2003	(POLY)	**	(POLY)					**=silicone tubing
AE-1	24.99	10	x	18.76	19.99	3	22.99	y	5	2.61	0.25	bumpy concrete measuring point
AE-2	21.22	10	x	17.98	16.22	3	19.22	y	5	2.42	0.26	measured from concrete, ground lower
AE-4	26.95	10	x	23.30	21.95	3	24.95	y	5	2.54	0.14	next to trailer
AE-10	22.14	10	x	19.17	17.14	3	20.14	y	5	4.70	0.44	
AE-12	27.77	10		21.04	22.77	3	25.77	y	5	2.96	0.11	
AE-14	29.73	10	x	24.03	24.73	3	27.73	y	5	2.77	0.17	
AE-17S	22.48	10		15.06	18.48	3	21.48	y	5	2.89	n/a	pvc is over toc
AE-17D	51.22	10		15.28	46.22	3	49.22	y	5	2.66	1.31	top of casing
AE-18S	29.72	10		17.24	24.72	3	27.72	y	5	2.32	0.19	
AE-18D	55.43	10		15.63	50.43	3	53.43	y	5	3.63	0.52	
AE-20	23.02	10	x	17.35	18.02	3	21.02	y	5	3.77	0.65	corner woods
AE-21	22.08	10	x	20.74	17.08	4	21.08	y	5	n/a	0.31	roadbox across from trailer
AE-22	24.33	10	x	21.32	19.33	14.07	33.40	y	5	n/a	ground	under trailer
SH-2S	32.38	15		17.30	24.88	3	27.88	y	7.5	2.91	0.23	
SH-2I	47.78	10		17.53	42.78	3	45.78	y	5	3.06	0.15	
SH-2D	69.42	10		17.20	63.96	*	63.96	no	5.46	2.85	0.25	3 ft + silicone tubing
SH-3S	28.56	15	x	24.18	21.06	4	25.06	y	7.5	2.51	0.40	
SH-3I	54.93	10		25.31	49.93	3	52.93	y	5	2.87	0.10	
SH-3D	73.58	10		25.11	68.12	*	68.12	no	5.46	2.56	0.16	3 ft + silicone tubing
SH-4S	29.20	15		19.15	21.70	3	24.70	y	7.5	2.52	0.13	
SH-4I	54.90	10		21.95	49.90	3	52.90	y	5	3.08	0.13	
SH-4D	73.74	10		21.93	68.74	3	71.74	y	5	3.00	0.28	
SH-12S	23.67	15	x	10.61	16.17	3	19.17	y	7.5	2.63	0.27	
SH-13D	105.88	10		15.46	100.42	*	100.42	no	5.46	3.05	0.30	3 ft + silicone tubing
SH-15S	15.53	10		5.78	10.53	3	13.53	y	5	2.73	0.15	
SH-15I	51.62	10		6.22	46.62	3	49.62	y	5	3.09	0.15	
SH-15D	100.90	10		6.46	95.90	3	98.90	y	5	3.23	0.15	
SH-19S	8.75	10		8.22	---							filled in with sand (not sampled)
SH-19I	52.9	10		8.07	49.35	**4	49.35	no	3.55			
SH-19D	104.36	10		7.70	98.36	**4	98.36	no	6			
SH-21S	20.27	10		16.51	20	**4	20	no	0.27			screen possibly covered
SH-21I	48.56	10		15.20	---							no tubing put in (not sampled)
SH-21D	76.68	10		15.21	---							no tubing put in (not sampled)
SH-22S	15.77	10		7.56	10.77	3	13.77	y	5	3.06	0.25	
SH-22D	52.10	10		7.52	47.10	3	50.10	y	5	2.71	0.11	
SH-22R	158.52	101		7.18	147.00	3	150.00	no	11.52	1.84	n/a	about 145 ft BGS
SH-23S	15.90	10	x	10.11	10.90	3	13.90	y	5	2.96	0.19	
SH-23I	37.81	10		10.10	32.81	3	35.81	y	5	2.59	0.22	
SH-23D	62.52	10		9.85	57.52	3	60.52	y	5	2.97	0.24	
SH-24S	19.74	10	x	14.71	14.74	4	18.74	y	5	n/a	0.32	roadboxes replaced in spring 2001
SH-24I	43.86	10		14.79	38.86	4	42.86	y	5	n/a	0.25	roadboxes replaced in spring 2001
SH-24D	103.78	10		16.68	98.78	4	102.78	y	5	n/a	0.16	roadboxes replaced in spring 2001
SH-25S	23.79	10		17.23	18.79	**4			5			
SH-25I	59.63	10		19.90	54.63	**4			5			
SH-25D	98.31	10		22.50	93.31	**4			5			
SH-26S	21.94	10	x	15.96	16.94	3	19.94	y	5	3.23	0.94	
SH-27S	16.24	10		9.30	12.24	3	15.24	no	4	3.22	0.06	4 ft from bottom because of water level
SH-33S	27.60	10	x	21.70	22.60	4	26.60	y	5	n/a	0.46	roadbox in front building
SH-38S	30.16	10		22.35	25.16	3	28.16	y	5	2.90	0.21	
SH-41S	15.74	10		9.60	10.74	3	13.74	y	5	2.87	0.13	
SH-43S	20.63	10	x	14.33	15.63	3	18.63	y	5	2.53	0.08	
SH-44S	22.71	10		15.73	19.06				3.65			
SH-53S	22.73	10	x	18.86	17.73	3	20.73	y	5	2.96	0.23	
SH-54S	22.66	10	x	19.30	17.66	3	20.66	y	5	2.97	0.14	
SH-56S	22.58	10		18.90	21.58	3	24.58	no	1			
SH-57S	23.78	10	x	21.40	18.78	3	21.78	y	5	3.18	0.20	
WP-4	17.2	1		0.87	Tubing already in these well points					n/a	n/a	
WP-10	11.85	1		IN WATER	Tubing already in these well points					n/a	n/a	not sampled
WP-12	17.03	1		IN WATER	Tubing already in these well points					n/a	n/a	not sampled
WP-14	16.87	1		0.58	Tubing already in these well points					n/a	n/a	
WP-15	17.13	1		IN WATER	Tubing already in these well points					n/a	n/a	not sampled
WP-17	17.48	1		IN WATER	Tubing already in these well points					n/a	n/a	not sampled
WP-17A	17.24	1		---	Tubing already in these well points					n/a	n/a	
WP-18	12.06	1		0.86	Tubing already in these well points					n/a	n/a	

Note: X We discovered that the water level was near or below the middle of the screen so we extended the tubing length by using more silicone tubing on the pump end.
The tubing is no longer in the middle of the screen. I recommend replacing the tubing if these wells are to be included in a long term monitoring program.

Note: Depths and water levels are taken from top of coupling in all well points (WPs).

NHDES Well Sampling Worksheet

Job Name Beede
Samplers: S. Perkins
Well Depth 24.94 feet
Screen Length 10 feet
Water Level at Top of PVC or Inner Casing 18.34 Check here if no inner casing ___
Initial Water Level used for low flow if different than above 18.60 Measuring point TOC
Weather: Sunny & cold in the shade

Well I.D. AE-1
Date: 10/7/03
Intake set 3 ft. From bottom
Depth to screen from MP ___ ft.

(A) The small garden TRACTOR battery started dying. Had to go back to the big MARINE battery.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	18.60	Now	Total	3	
10:15	176	12	609	6.7	5.6	310	7	18.72	.12	.12		
10:20	182	12	590	6.0	5.5	336	3	18.73	.01	.13		
10:30	182	12	576	5.3	5.5	360	<1	18.73	0			
10:40	182	12	559	5.3	5.5	370	<1	18.73				
10:50	182	12	518	5.1	5.5	383	<1	18.73				
11:00	182	12	492	5.1	5.4	388	<1	18.73				
11:10	182	12	477	5.1	5.5	391	<1	18.73	↓	↓		
11:20	52	12	471	5.0	5.5	392	<1	18.63	+.10	.03		(A)
11:30	192	12	427	4.9	5.4	396	<1	18.73	.10	.13		
11:40	198	12	423	4.8	5.4	399	4	18.74	.01	.14		
11:45	200	12	423	4.8	5.4	400	<1	18.74	0			
11:50	200	12	425	4.8	5.4	401	<1	18.74	0	↓	↓	
11:55	Sampled for 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
Samplers: S. Perkins
Well Depth 21.22 feet
Screen Length 10 feet
Well I.D. AE-2
Date: 10/17/03
Intake set 1.5 ft. From bottom due to low water levels
Depth to screen from MP ____ ft.
Water Level at Top of PVC or Inner Casing 17.57 Check here if no inner casing ____
Initial Water Level used for low flow if different than above 17.84 Measuring point PVC.
Weather: Sunny + cold in the shade

tubing has alot of bubbles
Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride + TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	17.84	Now	Total	3	
12:17	190	12	140	4.7	5.7	131	2	17.86	.02	.02		
12:32	188	11	198	1.4	5.7	112	<1	17.86	0			
12:35	188	11	424	1.0	5.6	81	<1	17.86				
12:45	188	11	446	1.1	5.7	77	<1	17.86				
12:55	185	11	453	1.1	5.7	71	<1	17.86				
13:10	186	11	454	1.2	5.7	71	<1	17.86				
13:15	186	11	453	1.1	5.7	71	<1	17.86	↓	↓	↓	
13:20	Sampled											
13:25	Sampled duplicate											

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 — Well I.D. AE-4
Sampler(s): L. Desmarais — Date: 10/1/03
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. 23.20 — Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ — Measuring point _____
Weather: Cold, cloudy

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	23.20	Now	Total	3.0	
8:48	176	13.1	431	1.9	6.2	-32	6	23.33	0.13	0.13		slight petroleum odor noted
8:53	174	12.5	405	0.7	6.3	-53	6		0			
9:03	178	12.4	368	0.5	6.3	-58	6					water is effervescent
9:13	178	12.4	353	0.5	6.4	-57	5					(lots of bubbles on sides of tubing)
9:23	178	12.4	344	0.5	6.4	-55	5					
9:33	180	12.4	337	0.5	6.4	-54	4					
9:38	180	12.4	336	0.5	6.4	-55	4					
9:43	180	12.4	334	0.5	6.4	-54	4					
9:48	180	12.4	336	0.5	6.4	-54	4	↓	↓	↓	↓	
9:50	Sampled for 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

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): S. Perkins
Well Depth in ft. 22.14
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft 19.83
Initial Water Level in ft. used for low flow if different than above 20.06
Weather: Sunny cool + windy

Well I.D. AE-10
Date: 9/18/03
Intake set #1 ft. From bottom *
Depth to screen from MP ft.
Check here if no inner casing
Measuring point

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride, TKN

* originally 5 ft from bottom but water level was lower than tubing intake had to lower tubing

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	20.06	Now	Total	3	
14:15	206	12	37	11	5.8	339	.21	20.11	.05	.05		
14:20	206	12	37	11	5.8	352	4	20.11	0			
14:25	206	12	37	11	5.8	352	4	20.11	0			
14:30	206	12	37	11	5.8	355	.4	20.11				
14:35	206	12	37	11	5.8	362	.4	20.11				
14:40	206	12	37	11	5.8	362	4	20.11				
14:45	206	12	37	11	5.8	362	4	20.11				
14:50	Sampled											

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
Samplers: S. Perkins
Well Depth 27.77 feet
Screen Length 10 feet
Well I.D. AE-12
Date: 10/1/03
Intake set 2.5 ft. From bottom ★ (was 5 ft from bottom)
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing 21.45 Check here if no inner casing ____
Initial Water Level used for low flow if different than above 21.57 Measuring point TOC.
Weather: Chilly + Rainy

★ Lowered tubing from 5 ft to 2.5 ft from bottom, HAD to release tubing from pump to add additional silicone tubing so the water backflowed into the well, tubing is now taped onto the well at 2.5 ft from bottom.

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Chloride, Nitrate, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	21.57	Now	Total	3	
10:46	186	14	85	5.3	5.2	477	7	21.75	.18	.18	3	★ HAD to Lower tubing in well, JUST getting AIR.
11:07	180	15	86	7.6	5.3	447	11	21.92	.17	.35	2.4	
11:20	138	14	80	1.9	5.2	450	4	21.83	.09	.26		
11:30	138	14	76	2.3	5.2	448	2	21.83	0			
11:40	138	14	71	2.5	5.2	446	<1	21.83	0			
11:50	138	14	69	2.6	5.2	449	<1	21.83	0			
11:55	138	14	68	2.6	5.2	444	<1	21.84	.01	.27		
12:00	138	14	69	2.6	5.2	444	4	21.84	0	.27		
12:05	Sampled											
12:10	Sampled	duplicate										

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. Desmarais
Well Depth in ft. 29.73
Screen Length in ft. 10
Well I.D. AE-14
Date: 9/22/03
Intake set 5 ft. From bottom
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 24.24 Check here if no inner casing ___
Initial Water Level used for low flow if different than above in ft. 24.43 Measuring point TOC
Weather: Warm, cloudy, breezy

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	24.43	Now	Total	3.0	
15:40	202	13.4	59	7.2	5.8	176	<1	24.49	0.06	0.06		
15:45	200	12.9	57	6.8	5.8	205	<1		0			
15:55	202	12.8	57	6.7	5.8	234	<1					all stable except ORP
16:05	206	12.7	57	6.7	5.8	244	<1					
16:15	206	12.7	57	6.6	5.8	250	<1					
16:20	206	12.8	57	6.6	5.8	248	<1					
16:25	206	12.8	57	6.6	5.8	251	<1					
16:30	206	12.8	57	6.6	5.8	250	<1	↓	↓	↓	↓	
16:34	Sampled for VOCs, Fe, Mn, TKN, Alkalinity, Chloride, Sulfate, Nitrate											

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
Well I.D. AE-17S
Sampler(s): S. Perkins
Date: 9/17/03
Well Depth in ft. 22.48
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 15.27 Check here if no inner casing ____
Initial Water Level in ft. used for low flow if different than above _____ Measuring point _____
Weather: Sunny + hot

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	15.27	Now	Total	3	
14:33	214	14	29	8.1	6.0	339	1	15.28	.01	.01	1	
14:38	215	13	28	7.9	5.9	346	<1	15.28	0	.01	↓	
14:50	215	13	28	8.0	5.9	346	<1	15.29	.01	.02	↓	
14:55	215	13	28	8.0	5.9	346	<1	15.29	0	0	↓	
15:00	Sampled											

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 Desmarais
Well Depth in ft. 51.22
Screen Length in ft. 10
Well I.D. AE-17D
Date: 9/17/03
Intake set 5 ft. From bottom
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 14.14 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 15.45 Measuring point TOC
Weather: Warm, Sunny

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	15.45			3	
13:24	190	12.4	131	1.3	7.3	54	3	15.48	0.03	0.03		
13:30	190	12.4	134	0.7	6.4	73	2	15.48	0			
13:40	198	12.3	144	0.7	6.0	82	1	15.48				
13:50	196	12.2	149	0.6	6.1	81	1	15.48				
14:00	198	12.2	152	0.5	5.9	86	<1	15.48				
14:10	196	12.2	155	0.5	5.9	84	<1	15.48				
14:20	200	12.2	156	0.4	5.9	83	<1	15.48				
14:26	196	12.2	157	0.4	5.9	84	<1	15.48				
14:31	196	12.2	156	0.4	5.9	83	<1	15.48				
14:36	196	12.2	155	0.4	5.9	84	<1	15.48				
14:40	Sampled for VOCs, TKN, Fe, Mn, Alkalinity, Chloride, Sulfate, Nitrate											

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
Well I.D. AE-18S
Sampler(s): L. Desmarais
Date: 9/18/03
Well Depth in ft. 29.72
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. 17.35 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 17.57 Measuring point TOC
Weather: Warm, windy, Sunny

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	17.57			3.0	
10:20	204	13.1	312	1.4	6.6	-87	4	17.58	0.01	0.01		orange Iron deposits in Sonde
10:25	204	12.8	331	1.2	6.6	-78	5		0			
10:35	206	12.7	320	0.6	6.7	-94	5					
10:45	208	12.7	323	0.4	6.7	-113	4					
10:55	206	12.7	326	0.4	6.7	-101	4					
11:05	206	12.8	330	0.4	6.7	-110	4					
11:15	206	12.8	331	0.4	6.7	-121	2					
11:25	204	12.8	332	0.4	6.7	-121	2					
11:30	206	12.8	332	0.3	6.7	-119	2					
11:35	206	12.8	331	0.3	6.7	-121	2					
11:40	206	12.9	331	0.3	6.7	-123	2					
11:48	Sampled for VOCs, Fe, Mn, TKN, Alkalinity, Chloride, Nitrate, Sulfate											
11:53	Sampled duplicate											

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

Name Beede
Well I.D. AE-18S
Sampler(s): L. Desmarais
Date: 9/22/03
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: _____

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	17.55	Now	Total		
												depth = 29.72
												WL = 17.55
												12.17"
												x 9.64
												117 mL
												evac'd 200mL
17:25	Sampled											
17:30	Sampled duplicate											

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
Well I.D. AE-18D
Sampler(s): L. Desmarais
Date: 9/18/03
Well Depth in ft. 55.43
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. 19.79 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 16.30 Measuring point TOC
Weather: warm, windy, sunny

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	16.30	Now	Total	3.0	
10:38	164	14.1	244	5.2	8.2	50	1	16.55	0.25	0.25		
10:43	166	12.9	208	2.2	7.5	56	1	16.55	∅	↓		
10:53	164	12.8	194	1.1	7.3	-42	1	16.56	0.01	0.26		
11:03	166	12.8	189	0.9	7.3	-70	1	16.56	∅			
11:13	168	12.8	188	0.7	7.3	-82	1	16.56				
11:23	166	12.8	187	0.6	7.3	-88	1	16.56				
11:33	166	12.9	185	0.6	7.3	-94	1	16.56				
11:39	166	12.8	185	0.6	7.3	-93	1	16.56				
11:44	166	12.7	185	0.6	7.3	-93	1	16.56				
11:49	166	12.8	184	0.5	7.3	-95	1	16.56		↓	↓	
11:58	Sampled for VOCs, TKN, Fe, Mn, Alkalinity, Chloride, Sulfate, Nitrate.											

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
Well I.D. AE-18D
Sampler(s): L. Desmarais
Date: 9/22/03
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: ____

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet)		Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	16.25	Now	Total		
												depth = 55.43
												WL = - 16.25
												39.18"
												x 9.64
												378mL
												evac'd 500mL
17:15	sampled											

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. Desmarais
Well Depth in ft. 23.02
Screen Length in ft. 10
Well I.D. AE-20
Date: 9/22/03
Intake set 5 ft. From bottom
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 17.90 Check here if no inner casing ___
Initial Water Level used for low flow if different than above in ft. 18.60 Measuring point TOC
Weather: Warm, mostly cloudy

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	18.60	Now	Total	3.0	
14:05	210	12.5	67	3.3	5.8	67	4	18.83	0.23	0.23		
14:10	210	11.0	64	1.2	5.8	53	2	18.84	0.01	0.24		
14:20	208	10.8	61	1.4	5.9	56	<1		0			
14:30	208	10.7	58	1.7	5.8	60	<1					
14:40	208	10.7	57	2.0	5.8	64	<1					
14:50	210	10.6	56	2.3	5.8	69	<1					
14:55	210	10.5	56	2.4	5.8	70	<1					
15:00	210	10.6	56	2.5	5.8	71	<1					
15:05	210	10.6	56	2.5	5.8	71	<1	↓	↓	↓	↓	
15:10	Sampled for VOCs, Fe, Mn, TKN, alkalinity, Sulfate, Chloride, Nitrate											

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
Well I.D. AE-21
Sampler(s): L. Demarais
Date: ~~9/30~~ 10 10/1/03
Well Depth in ft. 22.08
Intake set 0.5 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. 20.74 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 23.00 Measuring point PVC
Weather: Cool, cloudy, rain (light)

large bubbles coming up through tubing every once in awhile

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet)		Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	23.00	Now	Total	3.0	
10:25	177	12.8	34	6.7	5.7	143	2		∅			
10:30	178	11.9	31	7.5	5.6	201	<1					
10:40	178	11.9	30	8.0	5.5	231	<1					
10:50	176	11.8	30	8.3	5.5	259	<1					
11:00	178	11.9	30	8.3	5.5	270	<1					
11:10	178	12.0	30	8.3	5.5	276	<1					
11:15	178	12.0	31	8.4	5.5	271	<1					
11:20	178	12.0	31	8.4	5.5	271	<1					
11:25	178	12.0	31	8.4	5.5	271	<1	↓	↓	↓	↓	
11:30	Sampled for 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

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 Well I.D. AE-22
Sampler(s): L. Desmarais Date: 10/1/03
Well Depth in ft. 24.33 Intake set 0.5 ft. From bottom
Screen Length in ft. _____ Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 21.19 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 27.90 Measuring point trailer
Weather: cool, mostly cloudy

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet)		Pump Speed	
									Now	Total		
Stabilization		3%	3%	10%	0.1	+/- 10	10%	27.90			30	
1200	176	12.6	313	1.5	5.2	248	1	28.04	0.14	0.14		
1205	180	12.0	332	0.8	5.3	208	1					
1215	178	11.9	352	0.6	5.4	151	1					
1225	178	12.0	355	0.6	5.4	140	2					
1235	178	12.0	353	0.6	5.4	136	<1					
1240	178	12.0	351	0.7	5.4	138	<1					
1245	178	12.0	350	0.7	5.4	137	<1					
1250	178	12.0	351	0.7	5.4	137	<1					
1255	Sampled for 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

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): S. Perkins
Well Depth in ft. 32.38
Screen Length in ft. 15
Water Level at Top of PVC or Inner Casing in ft 17.37 Check here if no inner casing ____
Initial Water Level in ft. used for low flow if different than above 17.63 Measuring point TOC
Weather: Sunny + warm

Well I.D. SH-25
Date: 9/17/03
Intake set 7.5 ft. From bottom
Depth to screen from MP ____ ft.

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride, TKN, Chloride

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	17.63			3	
12:50	226	13	56	7.7	6.4	139	4	17.63	0	0		
12:55	225	11	54	7.2	6.1	208	4	17.63				
13:05	225	11	52	7.0	6.0	246	4	17.63				
13:15	225	11	52	7.1	6.0	269	4	17.63				
13:25	225	11	51	7.1	6.1	282	4	17.63				
13:35	225	11	51	7.1	6.0	296	4	17.63				
13:45	225	11	51	7.2	6.1	308	4	17.63				
13:55	225	11	51	7.2	6.1	312	4	17.63				
14:00	225	11	51	7.2	6.1	318	4	17.63				
14:05	225	11	51	7.2	6.1	320	4	17.63				
14:10	225	11	51	7.2	6.1	322	4	17.63				
14:15	225	11	51	7.2	6.1	324	4	17.63	↓	↓	↓	
14:20	Sampled											

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): S. Perkins
Well Depth in ft. 47.78
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft 17.53 Check here if no inner casing ____
Initial Water Level in ft. used for low flow if different than above 17.77 Measuring point TOC
Weather: Sunny + Warm

Well I.D. 54-2I
Date: 9/17/03
Intake set 5 ft. From bottom
Depth to screen from MP ____ ft.

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	17.77	Now	Total	3	
11:37	214	14	224	5.2	6.5	98	4	17.77	0	0		
11:42	210	11	253	0.7	6.8	10	<1	17.77				
11:55	212	11	251	0.3	6.5	12	<1	17.77				
12:05	214	11	250	0.3	6.5	15	<1	17.77				
12:15	212	11	249	0.3	6.5	16	<1	17.77				
12:25	212	11	249	0.3	6.5	18	<1	17.77				
12:30	212	11	249	0.3	6.5	16	<1	17.77	↓	↓	↓	
12:35	Sampled											

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): S. Perkins
Well Depth in ft. 69.42
Screen Length in ft. 10
Well I.D. SH-2d
Date: 9/17/03
Intake set 5.46 ft. From bottom
Depth to screen from MP ____ ft.
Water Level at Top of PVC or Inner Casing in ft 17.26 Check here if no inner casing ____
Initial Water Level in ft. used for low flow if different than above 17.51 Measuring point TOC
Weather: sunny + cool

Had Trouble with the battery, at 3 on the pump I only got 70 ml/min. I took the flow again and got the same. At 4 I only got 110 ml/min. I Changed batteries & it was fine at 3.

* Sampled for VOCs, Fe, Mn, Alkalinity, Chloride, Sulfate, Nitrate, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	17.51			3-4-3	
9:49	110	12	164	2.1	8.2	88	<1	17.83	.32	.32	3	
10:00	204	11	162	1.4	8.5	104	<1	17.83	0			
10:10	204	11	160	0.8	8.4	158	<1	17.83				
10:20	204	11	160	0.6	8.3	135	<1	17.83				
10:30	204	11	160	0.5	8.2	76	<1	17.83				
10:40	204	11	160	0.5	8.2	51	<1	17.83				
10:50	204	11	160	0.5	8.2	35	<1	17.83				
11:00	204	11	161	0.4	8.2	44	<1	17.83				
11:11	204	11	161	0.4	8.2	37	<1	17.83				
11:15	204	11	161	0.5	8.2	36	<1	17.83				
11:20	204	11	161	0.5	8.2	39	<1	17.83				
11:25	Sampled *											

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): S. PERKINS
Well Depth in ft. 28.56
Screen Length in ft. 15
Water Level at Top of PVC or Inner Casing in ft 24.50 Check here if no inner casing ____
Initial Water Level in ft. used for low flow if different than above 24.92 Measuring point TOC
Weather: Sunny + cool

Well I.D. SH35
Date: 9/18/03
Intake set 2.5 ft. From bottom
Depth to screen from MP ____ ft.

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	24.92	Now	Total	3	
11:38	182	13	73	4.5	6.0	220	1	24.96	.04	.04		
11:43	188	11	66	4.7	5.8	262	4	24.96	0			
11:55	186	10	65	5.2	5.8	255	4	24.96				
12:05	188	10	65	5.4	5.8	249	<1	24.96				
12:15	188	10	65	5.4	5.8	253	<1	24.96				
12:20	188	10	65	5.4	5.8	255	4	24.96				
12:25	188	10	65	5.4	5.8	257	4	24.96	↓	↓	↓	
12:30	Sampled.											

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): S. Perkins
Well Depth in ft. 54.93
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft 25.63
Initial Water Level in ft. used for low flow if different than above 25.75
Weather: Sunny + cool

Well I.D. SH-3I
Date: 9/18/03
Intake set 5 ft. From bottom
Depth to screen from MP ____ ft.
Check here if no inner casing ____
Measuring point TOC

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Chloride, Nitrate, TKN

Iron flock coming through in very beginning

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	25.75	Now	Total	3	
12:48	207	11	152	2.3	6.3	250	8	25.80	.05	.05		
12:53	205	11	152	1.1	6.2	242	21	25.80	0			
13:05	196	11	153	0.8	6.2	238	21	25.80				
13:15	196	11	153	0.6	6.2	230	21	25.80				
13:25	196	11	151	0.7	6.2	225	4	25.80				
13:30	196	11	149	0.7	6.2	225	4	25.80				
13:35	196	11	149	0.7	6.2	225	21	25.80	↓	↓	↓	
13:40	Sampled											

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): S. Perkins
Well Depth in ft. 73.58
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft 25.41
Initial Water Level in ft. used for low flow if different than above 25.59
Weather: Sunny + cool

Well I.D. SH-3d
Date: 9/18/03
Intake set 5.46 ft. From bottom
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point TOC

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	25.59			2.2	
10:14	132	13	155	3.3	7.7	-20	29	26.32	.73	.73	2.2	
10:19	135	11	136	1.8	7.6	-50	24	26.68	.36	1.09	2.0	
10:30	120	11	130	1.2	7.5	-39	13	26.84	.16	1.25	1.6	
10:40	110	11	129	1.1	7.5	-54	11	26.81	+.03	1.22		
10:50	112	11	128	0.9	7.5	-52	8	26.81	0	1.22		
11:00	112	11	128	0.8	7.4	-71	7	26.83	.02	1.24		
11:05	112	11	127	0.8	7.5	-73	6	26.83	0			
11:10	112	11	127	0.8	7.5	-75	6	26.83	0			
11:15	112	11	127	0.8	7.5	-77	6	26.83	0			
11:20	Sampled											

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
Samplers: S. PERKINS
Well Depth 29.20 feet
Screen Length 15 feet
Well I.D. SH-45
Date: 9/22/03
Intake set 7.5 ft. From bottom
Depth to screen from MP ft.
Water Level at Top of PVC or Inner Casing 19.67 Check here if no inner casing
Initial Water Level used for low flow if different than above Measuring point
Weather: Sunny + cool

alot of iron flock came through at very beginning.

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	19.67	Now	Total	3	
14:25	196	11	200	2.9	6.5	20	1	20.13	.46	.46		
14:30	196	11	199	1.7	6.3	17	2	20.13	0	.46		
14:40	196	11	203	0.5	6.3	6	1	20.14	.01	.47		
14:45	196	11	207	0.5	6.3	8	<1	20.14	0			
14:50	196	11	208	0.5	6.3	10	<1	20.14	↓	↓	↓	
14:55	196	11	207	0.5	6.3	12	<1	20.14				
15:00	Sampled											

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
Samplers: S. PERKINS
Well Depth 54.90 feet
Screen Length 10 feet
Well I.D. SH-4I
Date: 9/22/03
Intake set 5 ft. From bottom
Depth to screen from MP ft.
Water Level at Top of PVC or Inner Casing 22.36 Check here if no inner casing
Initial Water Level used for low flow if different than above 22.53 Measuring point TOC
Weather: MOSTLY CLOUDY + COOL

(*) non-stop orange flock coming through. Every thing looks like tomato juice, pointless to dump out flow-cell as flock keeps coming. Have flow cell upside down to clear faster. Increased speed but don't want to draw down standing water in well. Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	22.53	Now	Total	3	
15:08	198	11	174	4.3	7.0	1	168	22.59	.06	.06		
15:13	196	11	168	2.9	6.9	59	85	22.59	0	.06		
15:20	196	11	167	2.4	6.9	99	21	22.58	+.01	.05		
15:30	196	11	166	2.3	6.8	140	18	22.58	0			
15:40	196	11	165	2.0	6.9	163	52	22.58	↓	↓	↓	
15:50	196	11	165	2.0	6.9	178	961	22.58	↓	↓	3.3	alot of orange flock going through in waves (*)
16:00	210	11	163	2.1	6.9	202	67	22.59	.01	.06	3.3	Starts to clear up + then comes through really heavy at
16:10	210	11	163	2.1	6.7	251	901	22.59	0	.06	3.5	some points, turbidity is over 1000 NTUs
16:20	222	11	162	2.1	6.7	296	76	22.60	.01	.07	3.4	
16:30	214	11	161	2.1	6.8	281	63	22.61	.01	.08	↓	
16:40	214	11	161	2.2	6.8	280	28	22.61	0	↓	↓	
16:45	214	11	161	2.2	6.8	280	16	22.61	↓	↓	↓	
16:50	214	11	160	2.2	6.9	280	7	22.61	↓	↓	↓	
16:55	214	11	160	2.2	6.9	281	8	22.61	↓	↓	↓	
17:00	214	11	160	2.2	6.9	282	3	22.61	↓	↓	↓	
17:05	214	11	160	2.2	6.9	281	3	22.61	↓	↓	↓	
17:10	214	11	160	2.2	6.9	281	2	22.61	↓	↓	↓	
17:15	Sampled											

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 Bleeder
Well I.D. SH-4d
Sampler(s): S. PERKINS
Date: 9/22/03
Well Depth in ft. 73.74
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. 22.31 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 22.60 Measuring point TOC
Weather: Sunny & Warm

Sampled for VOCs, Fe, Mn, Alkalinity, Chloride, Sulfate, Nitrate, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	22.60	Now	Total	3	
12:52	184	13	200	3.2	8.2	45	4	22.88	.28	.28	↓	
12:57	185	11	201	1.1	9.0	26	3	22.91	.03	.31	↓	
13:10	186	11	205	0.5	9.2	117	2	22.92	.01	.32	2.7	
13:20	178	11	202	0.5	8.8	-15	2	22.91	+.01	.31	↓	
13:30	178	11	201	0.4	8.7	-64	1	22.91	0	↓	↓	
13:40	178	11	200	0.4	8.7	-69	<1	22.91	↓	↓	↓	
13:50	178	11	200	0.4	8.6	-87	<1	22.91	↓	↓	↓	
14:00	178	11	199	0.4	8.6	-89	<1	22.91	↓	↓	↓	
14:05	178	11	199	0.4	8.6	-91	<1	22.91	↓	↓	↓	
14:10	178	11	199	0.4	8.6	-93	<1	22.91	↓	↓	↓	
14:15	Sampled											

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. Desmarais
Well Depth in ft. 26
Screen Length in ft. 15
Water Level at Top of PVC or Inner Casing in ft. 10.21 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 10.53 Measuring point TOC
Weather: Cool, sunny, breezy

Well I.D. SH-12S
Date: 10/7/03
Intake set 6.5 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	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	10.53	Now	Total	3.0	
12:40	204	10.9	1735	4.2	5.7	196	21	10.53	∅	∅		
12:45	202	10.7	1818	4.9	5.5	201	12	10.55	0.02	0.02		
12:55	202	10.8	1853	6.0	5.5	197	3		∅			
13:05	202	10.7	1841	6.4	5.5	158	2					
13:15	202	10.7	1838	6.7	5.5	161	1					
13:25	202	10.7	1829	6.4	5.5	161	1					
13:30	202	10.7	1824	6.3	5.6	160	1					
13:35	202	10.7	1824	6.4	5.5	162	1					
13:40	202	10.7	1824	6.4	5.5	162	1					
13:43	Sampled for 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

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. Desmarais
Well Depth in ft. 105.86
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 15.62 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 15.97 Measuring point TOC
Weather: Warm, sunny

Well I.D. SH-13D
Date: 9/17/03
Intake set 5.46 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	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	15.97	Now	Total	0.2	
13:20	62	16.6	244	4.3	7.7	51	<1	16.93	0.96	0.96	0.0	
13:25	56	16.7	241	3.4	7.7	17	<1	17.40	0.47	~~0.96~~ 1.43		
13:35	54	17.0	241	2.7	7.8	13	<1	17.97	0.57	2.00		
13:45	56	16.6	241	1.7	7.9	11	<1	18.65	0.68	2.68		
13:55	56	16.6	242	1.7	8.0	18	<1	19.27	0.62	3.30		
14:05	52	16.4	241	1.6	8.0	14	<1	19.87	0.60	3.90		
14:15	54	16.4	240	1.6	8.0	5	<1	20.40	0.53	4.43		
14:25	54	16.4	240	1.5	8.0	8	<1	20.83	0.43	4.86		
14:35	52	16.3	240	1.6	8.0	7	<1	21.26	0.43	5.29		
14:40	52	16.4	240	1.6	8.0	5	<1	21.54	.28	5.57		
14:45	NR	16.8	240	1.6	8.0	8	<1	21.51	+.03	5.54		pump stopped. Had to turn up pump, then back to 0.0
14:50	28	17	241	1.7	8.0	0	<1	21.50	+0.01	5.53		
14:55	Sampled for VOC, Fe, Mn, TKN, Alkalinity, Chloride, Nitrate, Sulfate											(battery may need to be charged)

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. Desmarais
Well Depth in ft. 15.53
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft 5.80
Initial Water Level in ft. used for low flow if different than above 6.00
Weather: Sunny, clear, warm

Well I.D. SH-155
Date: 9/17/03
Intake set 5 ft. From bottom
Depth to screen from MP ft.
Check here if no inner casing
Measuring point TOC

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	6.00			3	
10:38	190	16.7	588	1.7	6.9	116	<1	6.01	0.01	0.01		
10:45	196	16.7	447	1.2	5.9	88	<1	6.01	0			
10:50	198	16.7	405	0.8	5.7	71	<1	6.01				
11:05	196	16.8	396	0.8	5.8	68	<1	6.01				
11:15	196	16.9	393	0.7	5.8	63	<1	6.01				
11:20	196	16.9	391	0.7	5.8	68	<1	6.01				
11:25	196	16.9	392	0.7	5.9	65	<1	6.01				
11:30	196	16.9	393	0.7	5.8	68	<1	6.01				
11:35	Sampled for VOCs, Fe, Mn, TKN, Alkalinity, Chloride, Sulfate, Nitrate											

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
Well I.D. SH-15I
Sampler(s): L. Desmarais
Date: 9/17/03
Well Depth in ft. 51.62
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. 6.27 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 6.45 Measuring point TOC
Weather: Sunny, clear, warm

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	6.45	Now	Total	3	
10:18	172	14.8	1023	5.4	6.8	222	2	6.47	0.02	0.02		
10:25	170	13.6	957	4.2	6.6	225	<1	6.47	0			
10:35	172	13.3	979	4.6	6.6	221	1					
10:45	172	13.2	1032	4.9	6.6	225	<1					
10:55	178	13.3	1101	5.3	6.6	231	<1					
11:05	170	13.3	1147	5.6	6.5	234	<1					
11:15	170	13.3	1184	5.9	6.5	237	<1					
11:25	168	13.4	1208	6.0	6.5	240	<1					
11:35	168	13.4	1242	6.1	6.5	240	<1					
11:45	168	13.4	1254	6.2	6.5	236	<1					
11:55	168	13.5	1268	6.3	6.4	226	<1					
12:05	166	13.6	1286	6.4	6.4	213	<1					
12:15	166	13.7	1292	6.3	6.4	208	<1	↓	↓	↓	↓	ORP + SP Cond. still fluctuating
12:20	Sampled for VOCs, Fe, Mn, TKN, Alkalinity, Chloride, Nitrate, Sulfate											reached 2 hr limit

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
Well I.D. SH-15D
Sampler(s): L. Desmarais
Date: 9/17/03
Well Depth in ft. 100.90
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. 6.44 Check here if no inner casing
Initial Water Level used for low flow if different than above in ft. 6.60 Measuring point TOC
Weather: Warm, sunny

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	TOC			0.3	
11:50	78	17.4	245	3.5	6.6	-37	<1	7.25	0.65	0.65	0.3	
11:56	80	16.9	250	1.8	6.7	-76	<1	7.58	0.33	0.98	0.0	
12:06	68	17.6	255	1.3	7.0	-67	<1	7.77	0.19	1.18		Sun on flow through adjusted umbrella
12:16	68	17.4	264	0.7	7.1	-114	<1	7.95	0.18	1.36	1	
12:26	68	17.4	265	0.7	7.2	-122	<1	8.00	0.05	1.41	1	
12:36	70	17.5	266	0.7	7.2	-113	<1	8.05	0.05	1.46	1	
12:41	70	17.4	266	0.7	7.2	-120	<1	8.07	0.02	1.48	1	
12:46	70	17.5	266	0.7	7.3	-121	<1	8.08	0.01	1.49	1	
12:51	70	17.5	267	0.7	7.3	-121	<1	8.10	0.02	1.51	1	
12:56	sampled for 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

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. Desmarais
Well Depth in ft. 52.90 (measured 8/03)
Screen Length in ft. 10
Well I.D. SH-19I
Date: 9/30/03
Intake set 3.5 ft. From bottom
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 7.90 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Cool, Sunny, windy

Time	Flow ml/min	Temp ^{0}C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed
Stabilization		3%	3%	10%	0.1	+/- 10	10%	7.90	Now	Total	3.0
10:20	216	12.7	159	10.8	7.0	221	1		0	0	
10:25	224	12.0	159	10.7	6.6	232	1				
10:35	222	12.0	154	10.5	6.4	244	<1				
10:45	224	12.0	153	10.4	6.4	247	<1				
10:55	222	11.9	156	10.2	6.4	253	<1				
11:00	224	12.0	157	10.1	6.4	255	<1				
11:05	224	11.9	159	10.1	6.4	256	<1				
11:10	224	11.9	158	10.1	6.4	256	<1	↓	↓	↓	↓
11:15	Sampled for 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

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
Well I.D. SH-19D
Sampler(s): L. Desmarais
Date: 9/30/03
Well Depth in ft. 104.36 (measured 8/03)
Intake set 6 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. 6.80 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. ____ Measuring point ____
Weather: Cool, Sunny, Windy

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed
Stabilization		3%	3%	10%	0.1	+/- 10	10%	6.80	Now	Total	3.0
08:55	212	12.9	166	4.4	7.3	188	1	7.00	0.20	0.20	↓
09:00	212	12.2	144	1.8	7.6	203	<1	7.05	0.05 ~~0.25~~	0.25	↓
09:10	214	12.1	125	0.7	8.2	190	<1	7.07	0.02	0.27	↓
09:20	216	12.0	124	0.6	8.3	180	<1	7.09	0.02	0.29	2.5
09:30	194	12.0	123	0.6	8.4	177	<1	7.09	∅	↓	↓
09:35	194	12.0	123	0.6	8.4	176	<1	↓	↓	↓	↓
09:40	194	12.0	123	0.6	8.4	175	<1	↓	↓	↓	↓
09:45	194	12.0	123	0.6	8.4	175	<1	↓	↓	↓	↓
09:50	Sampled for 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

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
Well I.D. SH-21S
Sampler(s): L. Desmarais
Date: 9/30/03
Well Depth in ft. 20.27 (measured 8/03)
Intake set 0.27 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. 16.44 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 18.68 Measuring point Table
Weather: windy, sunny, cool

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	18.68	Now	Total	3.0	
11:33	204	13.0	497	2.1	7.3	180	1	18.71	0.03	0.03		
11:40	210	13.0	410	1.9	7.2	172	2		0			
11:50	210	13.0	304	4.3	6.3	207	<1					
12:00	210	13.2	295	4.1	6.2	222	<1					
12:15	210	13.1	294	4.2	6.2	229	4					water probe fell ~1 foot into the water (turbidity ↑)
12:25	208	13.2	290	3.9	6.2	234	<1					
12:30	208	13.2	289	3.9	6.2	236	<1					
12:35	208	13.0	290	3.9	6.2	237	<1					
12:40	208	13.1	290	3.9	6.2	237	<1					
12:43	Sampled for 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

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): S. Perkins
Well Depth in ft. 15.77
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft 7.76
Initial Water Level in ft. used for low flow if different than above 8.03
Weather: Mostly cloudy, warm + muggy

Well I.D. SH-22S
Date: 9/15/03
Intake set 5 ft. From bottom
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point _____

Sampled for VOCs, Fe, Mn, Alkalinity, Sulfate, Nitrate, Chloride, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	8.03	Now	Total	3	
14:05	217	17	291	3.9	6.0	403	4	8.05	.02	.02		
14:10	212	14	263	0.6	5.4	393	4	8.05	0			
14:20	210	14	253	0.5	5.2	389	4	8.05				
14:30	212	14	251	0.4	5.1	387	4	8.05				
14:40	214	14	250	0.4	5.1	388	4	8.05				
14:45	212	14	250	0.4	5.1	387	4	8.05				
14:50	212	14	250	0.4	5.1	388	4	8.05	↓	↓	↓	
14:55	Sampled											

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 Bede
Sampler(s): S. Perkins
Well Depth in ft. 52.10
Screen Length in ft. 40
Water Level at Top of PVC or Inner Casing in ft 7.76
Initial Water Level in ft. used for low flow if different than above 7.91
Weather: Cloudy, warm + muggy

Well I.D. SH-22D
Date: 9/15/03
Intake set 5 ft. From bottom
Depth to screen from MP ft.
Check here if no inner casing
Measuring point TOC.

Sampled for VOCs, Fe+Mn, Alkalinity, Sulfate, Chloride, Nitrate, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	7.91	Now	Total	3	
12:30	210	13	576	1.4	6.7	262	41	8.31	.40	.40	↓	
12:35	210	13	568	1.1	6.6	277	41	8.33	.02	.42	↓	
12:45	210	12	534	0.7	6.1	291	41	8.35	.02	.44	2.6	
12:55	186	13	589	0.6	5.9	304	41	8.30	+.05	.39	↓	
13:05	188	13	527	0.5	5.7	315	4	8.30	0	↓	↓	
13:15	186	13	526	0.6	5.7	323	41	8.30	↓	↓	↓	
13:25	188	13	525	0.6	5.7	328	41	8.30	↓	↓	↓	
13:30	188	13	525	0.5	5.7	329	41	8.30	↓	↓	↓	
13:35	188	13	526	0.5	5.7	332	41	8.30	↓	↓	↓	
13:40	188	13	526	0.5	5.7	334	41	8.30	↓	↓	↓	
13:45	188	13	525	0.5	5.7	336	41	8.30	↓	↓	↓	
13:50	Sampled											

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): S. Perkins
Well Depth in ft. 158.52
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft 7.56
Initial Water Level in ft. used for low flow if different than above _____
Weather: mostly cloudy, warm + muggy

Well I.D. SH-22R
Date: 9/15/03
Intake set 5 ft. From bottom
Depth to screen from MP _____ ft.
Check here if no inner casing ____
Measuring point _____

Sampled for VOCs, Alkalinity, Chloride, Sulfate, Nitrate, Fe + Mn, TKN

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	7.56	Now	Total	3	
11:02	194	15	489	2.7	7.8	182	1	7.58	.02	.02		
11:07	192	13	497	0.8	7.4	116	30	7.58	0	.12		
11:20	202	13	664	0.7	6.9	-69	22	7.59	.01	.03		
11:30	200	13	677	0.7	6.9	-106	30	7.59	0			
11:40	200	13	677	0.3	6.9	-117	30	7.59	0			
11:50	199	13	678	0.5	7.0	-124	31	7.59	0			
12:00	201	13	677	0.3	7.0	-126	32	7.60	.01	.04		
12:05	201	13	677	0.3	7.0	-128	31	7.60	0			
12:10	200	13	677	0.3	7.0	-130	31	7.60	0			
1215	sampled											

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): S. Perkins
Well Depth in ft. 15.90
Screen Length in ft. 10
Well I.D. SH-235
Date: 9/16/03
Intake set 2.62 ft. From bottom
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft 10.31 Check here if no inner casing ____
Initial Water Level in ft. used for low flow if different than above 10.53 Measuring point TOC
Weather: Rain to mostly cloudy, hot + muggy

Sampled for VOCs, Fe, Mn, TKN, Alkalinity, Chloride, Sulfate, Nitrate

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	10.53			30	
11:04	196	13	857	1.6	6.3	216	4	10.53	0	0		
11:10	189	12	866	0.8	6.3	236	4	10.53				
11:20	149	13	870	0.9	6.3	217	4	10.53			↓	
11:30	146	13	870	0.7	6.3	225	4	10.53			3.2	
11:40	160	13	871	0.7	6.3	235	4	10.53				
11:50	160	13	870	0.6	6.3	252	4	10.53				
12:00	160	13	869	0.6	6.4	266	4	10.53				
12:10	160	13	869	0.6	6.4	275	4	10.53				
12:20	161	13	870	0.6	6.4	280	4	10.53				
12:25	161	13	868	0.6	6.4	282	4	10.53				
12:30	161	13	868	0.6	6.4	286	4	10.53				
12:35	162	13	866	0.6	6.4	290	4	10.53				
12:40	162	13	866	0.6	6.4	292	4	10.53				
12:45	162	13	866	0.6	6.4	294	4	10.53				
12:50	162	13	869	0.6	6.4	296	4	10.53	↓	↓	↓	
12:55	Sampled for VOCs etc.											

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 Desmarais
Well Depth in ft. 37.81
Screen Length in ft. 10'
Water Level at Top of PVC or Inner Casing in ft. 10.25 Check here if no inner casing ___
Initial Water Level used for low flow if different than above in ft. ___ Measuring point ___
Weather: Rain then cloudy (muggy)

Well I.D. SH-23I
Date: 9/16/02
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	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	10.25			2.4	
11:05	168	13.4	445	2.5	7.5	175	1	10.47	0.22	0.22		
11:10	170	12.6	444	1.0	6.8	186	6	10.47	∅			
11:20	172	12.4	456	0.5	6.4	135	4	10.47	∅			
11:30	174	12.2	471	0.5	6.3	100	1	10.48	0.01	0.23		
11:40	176	12.2	477	0.5	6.2	90	1	10.48	∅			
11:50	178	12.2	482	0.4	6.2	85	1	10.48				
12:05	178	12.3	483	0.5	6.2	79	1	10.48				
12:10	176	12.1	483	0.4	6.2	78	1	10.48				
12:15	178	12.1	484	0.4	6.2	78	1	10.48				
12:20	178	12.1	484	0.4	6.2	79	1	10.48				
12:25	Sampled for VOCs, Fe, Mn, Alkalinity, Chloride, Nitrate, Sulfate, TKN											

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): S. Perkins + LeDamarais
Well Depth in ft. 65.52
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft 10.02
Initial Water Level in ft. used for low flow if different than above 10.26
Weather: Rain to partly sunny, hot + humid

Well I.D. SH-23d
Date: 9/16/03
Intake set 5 ft. From bottom
Depth to screen from MP ft.
Check here if no inner casing
Measuring point TOC.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	10.26	Now	Total	2.2	
11:25	138	13	174	1.0	7.9	-122	<1	10.60	.46	.46	2.2	
11:30	145	13	171	0.7	8.0	-126	<1	10.63	.03	.49	2.0	
11:40	136	13	170	0.7	8.1	-127	1	10.61	+.02	.47		
11:50	134	13	170	0.7	8.1	-125	<1	10.61	0			
12:00	134	13	170	0.5	8.1	-116	<1	10.61				
12:10	135	13	172	0.5	8.1	-106	<1	10.61				
12:20	135	13	173	0.4	8.0	-94	<1	10.61				
12:30	135	13	173	0.4	8.0	-89	<1	10.61				
12:40	136	13	174	0.4	7.9	-83	<1	10.61				
12:45	136	13	175	0.4	7.9	-86	<1	10.61	↓	↓		
12:50	136	13	176	0.4	7.9	-87	<1	10.60	+.01	0.46		
12:55	136	13	175	0.4	7.9	-88	<1	10.60	0	0.46	↓	
13:00	Sampled for VOCs, Fe, Mn, Alkalinity, Chloride, Nitrate, Sulfate, TKN											

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
Well I.D. SH-245
Sampler(s): L. Desmarais
Date: 9/15/03
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. 15.07 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 17.55 Measuring point _____
Weather: Cloudy, Windy, warm

Time	Flow ml/min	Temp °C	S.Cond uS/cm X	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	17.55			3.0	
15:12	190	13.9	9250	10.1	4.16	283	1	17.59	0.04	0.04		
15:20	186	13.3	8962	10.1	4.16	299	<1	17.59	ϕ			
15:30	188	13.3	8948	10.1	4.16	309	<1	17.59				
15:40	186	13.2	9095	10.2	4.16	315	<1	17.59				
15:50	188	13.1	9380	10.3	4.16	320	<1	17.59				
16:00	186	13.0	9560	10.3	4.16	323	<1	17.59				
16:10	186	13.1	9682	10.3	4.16	326	<1	17.59				
16:20	186	13.1	9766	10.3	4.16	330	<1	NR				Sp.Cond. very high
16:30	186	13.0	9878	10.4	4.16	331	<1	NR				
16:35	sampled	VOCs	Fe, Mn, Alkalinity, Chloride, Nitrate, Sulfide, TKN									

*Sp.Cond. check in the pm was low... Sp.Cond. results are questionable

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. Desmarais
Well Depth in ft. 43.86
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 14.79 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 17.67 Measuring point table
Weather: cloudy, warm (partly sunny)

Well I.D. SH-24I
Date: 9/15/03
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	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	17.67	Now	Total	3.0	
14:05	194	14.2	353	2.0	6.1	192	<1	17.80	0.13	0.13		
14:10	196	12.2	402	1.2	5.6	211	<1	17.81	0.01	0.14		
14:20	196	12.2	402	1.0	5.6	217	<1	17.82	0.01	0.15		
14:30	198	12.1	393	0.8	5.6	217	<1	17.82	ø	0.15		
14:40	202	12.2	378	0.7	5.6	217	<1	17.82				
14:45	204	12.0	375	0.7	5.6	217	<1	17.82				
14:50	204	11.9	375	0.7	5.6	217	<1	17.82				
14:55	204	11.9	375	0.7	5.6	217	<1	17.82				
15:00	sampled for VOCs, Fe, Mn, Alkalinity, Chloride, N. trate, Sulfate, TKN											
* P.M. Sp. Cond. Check Was low... Sp. Cond results were smaller												

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
Well I.D. SH-24D
Sampler(s): L. Desmarais
Date: 9/15/03
Well Depth in ft. 103.78
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. 17.00 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 19.31 Measuring point table
Weather: overcast, humid

Time	Flow ml/min	Temp °C	S.Cond uS/cm X	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	19.31	Now	Total	0.4	
11:50	22	22.4	681	5.4	7.6	-102	<1	20.07	0.76	0.76	0.4	
11:55	24	22.0	704	4.9	7.9	-125	<1	20.27	0.20	0.96	0.2	
12:05	22	22.1	711	4.1	8.1	-131	<1	20.67	0.40	1.36	0.0	
12:15	20	22.2	740	3.9	8.0	-130	<1	20.87	0.20	1.56		
12:25	20	22.6	757	3.7	8.0	-121	<1	21.20	0.33	1.89		
12:35	20	22.5	778	3.8	7.9	-106	<1	21.45	0.25	2.14		waiting for Sp.Cond, ORP
12:45	20	22.2	788	3.7	7.8	-86	<1	21.75	0.30	2.44		
12:56	22	22.1	787	3.7	7.8	-67	<1	22.04	0.29	2.73		waiting for ORP to stabilize
13:05	20	23.0	790	3.8	7.8	-44	<1	22.31	0.27	3.00		
13:15	20	23.0	793	3.6	7.8	-34	<1	22.58	0.27	3.27		
13:25	20	22.9	791	3.6	7.8	1	<1	22.88	0.30	3.57		
13:35	20	23.0	789	3.6	7.8	18	<1	23.13	0.25	3.82		
13:45	20	23.0	787	3.6	7.8	27	<1	23.30	0.17	3.99	✓	
13:50	Sampled for VOCs, Fe, Mn, Alkalinity, Chloride, Sulfate, Nitrate, TKN											2 Hour limit reached
X P.M. Sp Cond check was low... Sp. Cond results questionable												

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 Belde
Samplers: S. Perkins
Well Depth 23.79 feet
Screen Length 10 feet
Well I.D. SH-255
Date: 9/30/03
Intake set 5 ft. From bottom
Depth to screen from MP ____ ft.
Water Level at Top of PVC or Inner Casing 17.82 Check here if no inner casing ____
Initial Water Level used for low flow if different than above 19.99 Measuring point edge of table
Weather: Sunny + quite cool in the shade

Time	Flow ml/min	Temp ^{0}C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	19.99	Now	Total	3	
10:34	195	12	199	5.4	5.6	335	1	20.00	.01	.01		
10:40	193	11	194	4.7	5.6	358	<1	20.00	0			
10:50	192	11	193	4.6	5.6	360	<1	20.00				
11:00	193	11	189	4.7	5.6	376	<1	20.00				
11:10	193	11	185	4.7	5.6	382	<1	20.00				
11:20	193	11	184	4.7	5.6	388	<1	20.00				
11:30	193	11	186	4.7	5.6	395	<1	20.00				
11:35	193	11	185	4.7	5.6	397	<1	20.00				
11:40	193	11	186	4.7	5.6	399	<1	20.00				
11:45	193	11	186	4.7	5.6	401	<1	20.00	↓	↓	↓	
11:50	Sampled for 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
Samplers: S. Perkins
Well Depth 59.63 feet
Screen Length 10 feet
Well I.D. SH-25I
Date: 9/30/03
Intake set 5 ft. From bottom
Depth to screen from MP ____ ft.
Water Level at Top of PVC or Inner Casing 19.28 Check here if no inner casing ____
Initial Water Level used for low flow if different than above 21.56 Measuring point Edge of Table
Weather: Sunny + quite cool in the shade

Time	Flow ml/min	Temp ^{0}C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	21.56	Now	Total	3	
8:58	185	11	163	6.6	6.2	270	4	21.67	.11	.11		
9:03	185	11	167	6.3	6.2	293	4	21.67	0			
9:10	186	11	169	6.8	6.2	311	4	21.67				
9:20	186	11	173	7.2	6.2	329	4	21.67				
9:30	186	11	174	7.2	6.2	346	4	21.67				
9:40	186	11	174	7.1	6.2	356	4	21.67				
9:50	190	11	175	7.2	6.2	365	4	21.68	.01	.12		
10:00	190	11	175	7.2	6.1	385	4	21.68	0			
10:05	190	11	175	7.2	6.2	387	4	21.68				
10:10	190	11	175	7.2	6.2	386	4	21.68				
10:15	190	11	175	7.2	6.2	387	4	21.68				
10:20	Sample for 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 Reed's
Samplers: S. Perkins
Well Depth 98.31 feet
Screen Length 10 feet
Well I.D. SH-25d
Date: 9/30/03
Intake set 5 ft. From bottom
Depth to screen from MP ____ ft.
Water Level at Top of PVC or Inner Casing 22.76 Check here if no inner casing ____
Initial Water Level used for low flow if different than above 24.95 Measuring point edge of table
Weather: Sunny + Quite cool in the shade

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		**3%**	**3%**	**10%**	**0.1**	**+/- 10**	**10%**	24.95	Now	Total	3	
12:05	176	11	400	4.0	9.3	172	1	26.09	1.14	1.14	2	
12:10	112	11	399	3.4	9.4	183	<1	27.29	1.20	2.34	1	
12:15	72	12	398	3.7	9.4	176	<1	28.00	0.71	3.05	off	
12:20	NR	12	402	3.7	9.5	169	1	28.31	0.31	3.36	1.1	Changed to smaller tubing, bucket lowered into well
12:30	24	14	402	3.8	9.4	168	1	28.63	0.32	3.68	0.7	
12:40	22	15	403	4.2	9.4	170	1	28.97	0.34	4.02	0.6	
12:50	20	16	404	4.4	9.4	170	1	29.30	0.33	4.35	↓	
12:55	20	16	403	4.4	9.4	167	1	29.45	0.15	4.50		
13:00	20	16	403	4.4	9.4	165	<1	29.59	0.14	4.64		
13:05	20	17	404	4.4	9.4	167	<1	29.74	0.15	4.79		
13:10	20	17	404	4.4	9.4	166	<1	29.89	0.15	4.84	↓	
13:15	Sampled for 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
Samplers: S. Perkins
Well Depth 21.94 feet
Screen Length 10 feet
Water Level at Top of PVC or Inner Casing 15.80
Initial Water Level used for low flow if different than above 16.10
Weather: Sunny + warm

Well I.D. SH-26-5
Date: 9/24/03
Intake set 2.8 ft. From bottom due to low
Depth to screen from MP ft. water levels
Check here if no inner casing
Measuring point TOC

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	16.10	Now	Total	3	
11:45	200	13	901	4.3	6.1	209	<1	16.11	.01	.01		
11:50	200	12	902	3.5	5.8	261	<1	16.11	0			
12:05	204	12	898	3.0	5.9	311	<1	16.11				
12:15	202	12	897	3.0	5.9	324	<1	16.11				
12:25	202	12	897	2.9	5.9	335	<1	16.11				
12:35	202	12	897	2.9	5.9	344	<1	16.11				
12:40	202	12	896	2.9	5.9	346	<1	16.11				
12:45	202	12	897	2.9	5.9	348	<1	16.11				
12:50	202	12	897	2.9	5.9	347	<1	16.11	↓	↓	↓	
12:55	Sampled for 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
Samplers: S. Perkins
Well Depth 16.24 feet
Screen Length 10 feet
Water Level at Top of PVC or Inner Casing 9.29
Initial Water Level used for low flow if different than above
Weather: Sunny & cool.

Well I.D. 54-225
Date: 9/30/03
Intake set 4 ft. From bottom due to low
Depth to screen from MP ft. water levels
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	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	9.29	Now	Total	3	
13:46	196	14	41	10.0	7.1	309	<1	9.29	0	0		
13:51	192	13	33	9.5	6.2	341	<1	9.29				
14:00	190	13	29	8.5	6.0	366	<1	9.29				
14:10	190	13	28	7.6	5.9	377	<1	9.29				
14:20	190	12	28	6.4	5.9	379	<1	9.29				
14:30	190	12	28	6.2	5.9	381	<1	9.29				
14:35	190	12	28	6.2	5.9	382	<1	9.29				
14:40	190	12	28	6.2	5.9	383	<1	9.29				
14:45	190	12	28	6.2	5.9	384	<1	9.29	↓	↓	↓	
14:50	Sampled for 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
Samplers: S. Perkins
Well Depth 27.60 feet
Screen Length 10 feet
Water Level at Top of PVC or Inner Casing 21.74 Check here if no inner casing ____
Initial Water Level used for low flow if different than above 24.21 Measuring point edge of notch
Weather: Chilly + RAIN

Well I.D. SH-335
Date: 10/1/03
Intake set 3 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	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	24.21	Now	Total	3	2.4 Sp.
8:50	143	13	104	8.0	5.8	284	<1	24.24	.03	.03		
9:00	148	12	89	6.2	5.7	338	<1	24.24	0	↓		
9:10	150	12	89	5.2	5.7	420	<1	24.24	0	↓		
9:20	150	12	89	4.6	5.7	462	<1	24.25	.01	.04		
9:30	156	12	90	4.5	5.7	480	<1	24.24	+.01	.03		
9:40	156	12	89	4.1	5.7	489	<1	24.25	.01	.04		
9:45	156	12	89	4.0	5.8	488	<1	24.25	0	↓		
9:50	156	12	89	3.9	5.8	487	<1	24.25	↓	↓	↓	
9:55	156	12	89	3.9	5.8	484	<1	24.25	↓	↓	↓	
10:00	156	12	89	3.8	5.8	482	<1	24.25	↓	↓	↓	
10:05	156	12	88	3.7	5.8	480	<1	24.25	↓	↓	↓	
10:10	156	12	89	3.7	5.8	478	<1	24.25	↓	↓	↓	
10:15	156	12	89	3.8	5.8	476	<1	24.25	↓	↓	↓	
10:20	Sampled for 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): L. Desmarais
Well Depth in ft. 30.16
Screen Length in ft. 10
Well I.D. SH-38 S
Date: 9/29/03
Intake set 5 ft. From bottom
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 22.31 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. 22.55 Measuring point TOC
Weather: Windy, warm, sunny

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet)		Pump Speed	
									Now	Total		
Stabilization		3%	3%	10%	0.1	+/- 10	10%	22.55			3.0	
11:21	196	16.4	51	8.2	5.7	257	3	22.61	0.06	0.06		
11:25	198	15.2	48	7.4	5.4	293	<1	22.64	0.03	0.09		
11:35	198	15.1	48	7.3	5.4	310	<1	22.65	0.01	0.10		
11:45	200	15.1	48	7.3	5.4	317	<1		Ø			
11:50	200	15.1	48	7.3	5.4	317	<1					
11:55	200	15.1	48	7.3	5.4	318	<1					
12:00	200	15.1	48	7.3	5.4	318	<1	↓	↓	↓	↓	
12:05	Sampled for 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

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
Well I.D. SH 415
Sampler(s): L. Desmarais
Date: 9/29/03
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. 9.46 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Warm, sunny, breezy

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	9.46	Now	Total	3	
10:02	204	17.0	150	9.2	6.6	201	1	9.51	0.05	0.05		
10:07	210	16.2	115	9.1	6.3	224	<1	9.55	0.04	0.09		
10:17	212	16.0	90	9.1	6.3	241	<1		ϕ			
10:27	212	16.0	94	9.1	6.3	252	<1					
10:37	216	16.0	97	9.2	6.3	254	<1					
10:42	218	16.0	98	9.1	6.3	257	<1					
10:47	216	16.0	98	9.1	6.3	259	<1					
10:52	216	16.0	98	9.1	6.3	259	<1					
10:55	Sampled for 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

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
Well I.D. SH-435
Sampler(s): L. Desmarais
Date: 9/22/03
Well Depth in ft. 20.63
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. 14.45 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, breezy

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	14.45	Now	Total	3.0	
12:25	212	15.1	196	5.5	6.1	2.0	2	14.45	∅	0.0		*Slight odor* to water
12:30	212	13.6	213	1.2	6.3	-41	2					
12:40	214	13.6	247	0.5	6.5	-58	2					
12:50	216	13.6	255	0.5	6.6	-74	<1					
13:05	216	13.5	258	0.4	6.6	-74	<1					
13:10	216	13.5	259	0.4	6.6	-74	<1					
13:15	216	13.5	259	0.4	6.6	-74	<1					
13:20	216	13.4	259	0.4	6.6	-74	<1					
13:25	Sampled for VOCs, TKN, Fe, Mn, Alkalinity, Chloride, Sulfate, Nitrate											
13:30	Sampled duplicate											

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
Samplers: S. Perkins
Well Depth 22.71 feet
Screen Length 10 feet
Well I.D. SH-44S
Date: 9/29/03
Intake set 3.65 ft. From bottom
Depth to screen from MP ____ ft.
Water Level at Top of PVC or Inner Casing 15.59 Check here if no inner casing ____
Initial Water Level used for low flow if different than above 15.78 Measuring point TOC
Weather: Sunny + Cool → Warm

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	15.78	Now	Total	3	
10:01	178	15	104	7.0	6.1	181	11	15.79	.01	.01		
10:06	196	13	98	6.0	5.9	23	5	15.79	0			
10:25	194	13	108	3.3	6.0	194	4	15.79				
10:35	194	13	114	3.1	6.0	188	4	15.79				
10:45	194	13	119	2.9	6.0	184	4	15.79				
10:55	196	13	123	2.8	6.1	178	4	15.79				
11:05	196	14	127	2.8	6.1	173	4	15.79				
11:15	198	14	129	2.7	6.0	172	4	15.79				
11:20	198	14	129	2.7	6.1	171	4	15.79				
11:25	198	14	129	2.7	6.1	172	4	15.79	↓	↓	↓	
11:30	Sampled for 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
Samplers: S. Perkins
Well Depth 22.77 feet
Screen Length 10 feet
Water Level at Top of PVC or Inner Casing 16.07 Check here if no inner casing ____
Initial Water Level used for low flow if different than above _____ Measuring point _____
Weather: Sunny + warm

Well I.D. SH-475
Date: 9/29/03
Intake set — ft. From on the bottom
Depth to screen from MP _____ ft.

The calculator on my clip-board has a tiny "period", when I calculated the volume needed to purge 3 volumes, I misread the 3.2 gallons to be 32 gallons. I purged over 30 gallons slowly using a peristaltic pump, and took the sample directly from the tubing.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%		Now	Total		22.77
10:20								16.07				-16.07
13:20	Sampled							—				6.70 ft x 0.48 = 3.2 gal
13:25								16.07				3 purge volumes

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
Samplers: S. Perkins
Well Depth 13.83 feet
Screen Length 10 feet
Well I.D. SH-485
Date: 9/24/03
Intake set — ft. From on the bottom
Depth to screen from MP ft.
Water Level at Top of PVC or Inner Casing 13.47 Check here if no inner casing
Initial Water Level used for low flow if different than above Measuring point
Weather: Sunny + warm

I purged over 3.5 gallons of water, slowly, using a peristaltic pump, and took the sample directly from the tubing.

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%					13.83
12:00								13.47				-13.47
13:05	Sampled							—				0.36 ft x 0.48 = 0.2 gal
13:10								13.47				3 well volumes

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 Desmarais
Well Depth in ft. 22.73
Screen Length in ft. 10
Water Level at Top of PVC or Inner Casing in ft. 19.32 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Windy, warm, Sunny

Well I.D. SH-535
Date: 9/18/03
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	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	19.32	Now	Total	3.0	
12:53	194	13.4	43	10.0	6.3	169	3	19.34	0.02	0.02		
12:58	190	11.7	39	9.8	5.8	226	1		∅			
13:18	192	11.5	39	9.5	5.7	264	<1					
13:28	188	11.5	39	9.5	5.7	276	<1					all stable except ORP
13:38	188	11.5	39	9.5	5.7	282	<1					
13:48	188	11.4	39	9.5	5.7	286	<1					
13:58	188	11.4	39	9.5	5.7	293	<1					
14:05	188	11.4	39	9.6	5.7	293	<1					
14:10	188	11.4	39	9.6	5.7	294	<1					
14:15	188	11.4	39	9.6	5.7	295	<1					
14:20	188	11.3	39	9.6	5.7	294	NR	↓	↓	↓	↓	
14:25	Sampled for VOCs, TKN, Fe, Mn, Alkalinity, Chloride, Sulfate, Nitrate											

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
Well I.D. SH-54S
Sampler(s): L. Desmarais
Date: 9/18/03
Well Depth in ft. 22.66
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. 19.75 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Windy, sunny, warm

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	19.75	Now	Total	3.0	
12:40	222	12.1	40	11.2	8.5	76	4	19.79	0.04	0.04		
12:45	218	10.6	39	10.4	7.9	143	NR	19.79	ϕ			
12:55	222	10.3	38	10.4	7.1	186	<1					
13:15	218	10.3	38	10.3	6.5	198	<1					
13:25	220	10.3	37	10.2	6.4	211	<1	19.80	0.01	0.05		
13:35	220	10.3	37	10.2	6.2	224	<1		ϕ			all stable except to RP
13:45	220	10.2	37	10.2	6.1	240	<1					
13:50	220	10.3	38	10.2	6.0	240	<1					
13:55	220	10.2	38	10.2	6.0	242	<1					
14:00	220	10.2	38	10.2	6.0	242	<1					
14:03	Sampled for 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

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. Desmarais
Well Depth in ft. 22.58
Screen Length in ft. 10
Well I.D. SH-56S
Date: 9/29/03
Intake set 1 ft. From bottom
Depth to screen from MP _____ ft.
Water Level at Top of PVC or Inner Casing in ft. 19.23 Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: Warm, sunny, light breeze

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	19.23	Now	Total	3.0	
12:28	206	14.0	53	11.3	6.0	256	<1	19.24	0.01	0.01		
12:33	208	12.9	47	11.1	5.8	299	<1		Ø			
12:48	208	12.6	47	11.1	5.8	308	<1					
12:58	210	12.6	47	11.1	5.8	306	<1					
13:03	210	12.6	47	11.1	5.8	308	<1					
13:08	210	12.6	47	11.1	5.8	310	<1					
13:13	212	12.6	47	11.1	5.8	309	<1					
13:18	Sampled for 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

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
Samplers: S. P
Well Depth 23.70 feet
Screen Length 10 feet
Water Level at Top of PVC or Inner Casing 21.71 Check here if no inner casing ____
Initial Water Level used for low flow if different than above 21.92 Measuring point TOC.
Weather: Chilly + rainy

Well I.D. SH-575
Date: 10/1/23
Intake set 2 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	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	Comments
Stabilization		3%	3%	10%	0.1	+/- 10	10%	21.92	Now	Total	3	
12:32	198	12	241	12.4	5.7	424	<1	21.96	.04	.04		
12:37	192	11	262	11.8	5.6	439	4	21.96	0			
12:50	190	10	281	11.7	5.6	441	<1	21.96				
13:00	190	10	301	11.7	5.6	442	<1	21.96				
13:10	192	10	315	11.7	5.6	443	<1	21.96				
13:20	192	10	316	11.6	5.6	443	<1	21.96				
13:25	192	10	323	11.7	5.6	443	<1	21.96				
13:30	192	10	323	11.7	5.6	443	<1	21.96				
13:35	192	10	323	11.7	5.6	443	4	21.96				
13:40	Sampled for 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
Well I.D. WP-14
Sampler(s): L. Desmarais
Date: 10/7/03
Well Depth in ft. 16.87
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. 0.70 to bot of coupling Check here if no inner casing ____
Initial Water Level used for low flow if different than above in ft. _____ Measuring point _____
Weather: cool/sunny, no wind

top of coupling to top of tubing
1.40 - 0.70 = 0.70 (water level)

Time	Flow ml/min	Temp °C	S.Cond uS/cm	DO mg/l	pH	ORP mv	Turb NTU	WL Feet	Draw Down (in feet) Now	Draw Down (in feet) Total	Pump Speed	
Stabilization		3%	3%	10%	0.1	+/- 10	10%	0.70	Now	Total	3.0	
10:25	184	10.4	374	5.0	8.4	-320	~~18~~ 10 8					turbidity valve was partly shut ∴ low flow
10:30	200	10.0	800	1.8	6.1	-304	7					
10:40	208	9.9	936	1.1	6.0	-273	<1					
10:50	210	9.8	974	1.1	6.0	-239	<1					
11:00	210	9.8	984	1.0	6.0	-214	<1					From 11:10 to 11:30; ORP fluctuating up and down between readings (-197 → -160 → -170 → -180... (-180 → -160 → -170)
11:10	210	9.9	994	1.0	6.0	-197	<1					
11:20	210	9.9	998	1.0	6.0	-170	<1					
11:30	210	9.9	1005	0.9	6.0	-172	<1					
11:35	210	10.0	1005	0.9	6.0	-170	<1					ORP stopped fluctuating
11:40	210	10.0	1007	0.9	6.0	-171	<1					
11:45	210	10.0	1006	0.9	6.0	-169	<1					
~~11:48~~	Sampled for 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

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

NR = No Reading

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 System Name: Beede Site/Town: Plaistow, NH Contact: Leah Desmarais x 0697

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	1,4 dioxane				Other / Notes	Lab ID # (For Lab Use Only)
TRIP BLANK	9/15/03 07:15	2	AQ	✓	✓					A64535-1 09/15 07:15
AE-1D	9/18/03 14:50	↓	AQ	↓	↓					A64535-2 09/18 14:50
AE-17S	9/17/03 15:00		AQ							A64535-3
AE-17D	9/17/03 14:40		AQ							A64535-4
AE-18S	9/18/03 11:48		AQ							A64535-5
AE-18S dup	9/18/03 11:53		AQ							A64535-6
AE-18D	9/18/03 11:58		AQ							A64535-7
SH-2S	9/17/03 14:20		AQ							A64535-8
SH-2I	9/17/03 12:35		AQ							A64535-9
SH-2D	9/17/03 11:25		AQ							A64535-10 09/17 11:25
SH-3S	9/18/03 12:30		AQ							A64535-11 09/18 12:30
SH-3I	9/18/03 13:40	↓	AQ	↓	↓					A64535-12 09/18 13:40

Preservation: HCL and ice

Relinquished By Leah Desmarais Date and Time 9/18/03 17:00 Received By Locked Storage

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Relinquished By Locked storage Date and Time 9/19/03 7:45 **Received For Laboratory By** PS

Page 1 **of** 3 Data Reviewed By _____ Date 10-2-03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 System Name: Beede Site/Town: Plaistow, NH Contact: Leah Desmarais x 0697

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	1,4 dioxane				Other / Notes	Lab ID # (For Lab Use Only)
SH-3D	9/18/03 11:20	2	AQ	✓	✓					A64535-13 09/18 11:20
SH-13D	9/17/03 14:55		AQ							A64535-14 09/17 14:55
SH-15S	9/17/03 11:35		AQ							A64535-15 09/17 11:35
SH-15I	9/17/03 12:20		AQ							A64535-16 09/17 12:20
SH-15D	9/17/03 12:56		AQ							A64535-17 09/17 12:56
SH-22S	9/15/03 14:55		AQ							A64535-18 09/15 14:55
SH-22D	9/15/03 13:50		AQ							A64535-19 09/15 13:50
SH-22R	9/15/03 12:15		AQ							A64535-20 09/15 12:15
SH-23S	9/16/03 12:55		AQ							A64535-21 09/16 12:55
SH-23I	9/16/03 12:25		AQ							A64535-22 09/16 12:25
SH-23D	9/16/03 13:00		AQ							A64535-23 09/16 13:00
SH-24S	9/15/03 16:35	↓	AQ	↓	↓					A64535-24 09/16 16:35

Preservation: HCL and ice

Relinquished By Leah Desmarais Date and Time 9/18/03 17:00 Received By Locked Storage

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Relinquished By Locked Storage Rs Date and Time 9/19/03 7:45 **Received For Laboratory By** _____

Page 2 **of** 3 Data Reviewed By _____ Date 10-2-03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 **System Name:** Beede **Site/Town:** Plaistow, NH **Contact:** Leah Desmarais x 0697

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	1,4 dioxane				Other / Notes	Lab ID # (For Lab Use Only)
SH-24I	9/15/03 15:00	2	AQ	✓	✓					A64535-25 09/15 15:00
SH-24D	9/15/03 13:50	↓	AQ	↓	↓					A64535-26 09/15 13:50
SH-53S	9/18/03 14:25		AQ							A64535-27 09/18 14:25
SH-54S	9/18/03 14:03	↓	AQ	↓	↓					A64535-28
			AQ							
			AQ							
			AQ							
			AQ							
			AQ							
			AQ							
			AQ							
			AQ							

Preservation: HCL and ice

Relinquished By Leah Desmarais Date and Time 9/18/03 17:00 Received By Locked Storage

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Relinquished By Locked Storage B Date and Time 9/19/03 7:45 **Received For Laboratory By** RS

Page 3 **of** 3 Data Reviewed By _____ Date 10-2-03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

BEEDE WELLS

Site # 04-000-7307

VOCs	
63 samples	
AE-1	SH-22S
AE-2	SH-22D
AE-4	SH-22R
AE-10	SH-23S
AE-12	SH-23I
AE-14	SH-23D
AE-17S	SH-24S
AE-17D	SH-24I
AE-18S	SH-24D
AE-18D	SH-25S
AE-20	SH-25I
AE-21	SH-25D
AE-22	SH-26S
AE-18S dup	SH-27S
SH-2S	SH-33S
SH-2I	SH-38S
SH-2D	SH-41S
SH-3S	SH-43S
SH-3I	SH-44S
SH-3D	SH-53S
SH-4S	SH-54S
SH-4I	SH-56S
SH-4D	SH-57S
SH-12S	
SH-13D	WP-4
SH-15S	WP-10
SH-15I	WP-12
SH-15D	WP-14
SH-19S	WP-15
SH-19I	WP-17
SH-19D	WP-18
SH-21S	
SH-21I	
SH-21D	

Natural Attenuation *
32 samples
AE-2
AE-10
AE-12
AE-14
AE-17S
AE-17D
AE-18S
AE-18D
AE-20
AE-18S dup
SH-2S
SH-2I
SH-2D
SH-3S
SH-3I
SH-3D
SH-4S
SH-4I
SH-4D
SH-13D
SH-15S
SH-15I
SH-22S
SH-22D
SH-22R
SH-23S
SH-23I
SH-23D
SH-24S
SH-24I
SH-24D
SH-43S
SH-53S

* Natural Attenuation Parameters = Fe, Mn, TKN, Chloride, Sulfate, Nitrate, and Alkalinity

Samplers: Sharon G. Perkins
Leah Desmarais

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank				Project (EPA) #_____ Temperature 4° °C
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume) Do VOA's or Radon have **air bubbles**?	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				____**Hand delivered or** ____**Mail** Locked frig
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?			✓	Number of Coolers_____ ___**Ice** ___**Cold Packs(s)** ___**Nothing** stored in frig overnight - locked storage
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason_____				Date_____Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: _____

Completed By: PS **Date:** 9/19/03

NA = Not Applicable

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 07:15

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : TRIP BLANK
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 23-SEP-03

Authorized Signature: Lucas L. Barnville

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 14:50

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : AE-10
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane was not detected at 100 ug/.

Measure date: 22-SEP-03

Authorized Signature: Lucas R. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-3
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 15:00

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : AE-17S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 22-SEP-03

Authorized Signature: Lucas A. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-4
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 14:40

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : AE-17D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	5	Chloromethane	BDL	5
Vinyl chloride	BDL	5	Bromomethane	BDL	5
Chloroethane	BDL	5	Trichlorofluoromethane	BDL	5
Diethyl ether	BDL	5	1,1-Dichloroethene	5.2	5
Acetone	BDL	25	Carbon disulfide	BDL	5
Methylene chloride	BDL	5	tert-Butanol (TBA)	BDL	25
trans-1,2-Dichloroethene	BDL	5	Methyl-t-butyl ether (MTBE)	BDL	5
1,1-Dichloroethane	40	5	Diisopropyl ether (DIPE)	BDL	5
Ethyl-t-butyl ether (ETBE)	BDL	5	2,2-Dichloropropane	BDL	5
cis-1,2-Dichloroethene	460	5	2-Butanone (MEK)	BDL	25
Bromochloromethane	BDL	5	Chloroform	BDL	5
Tetrahydrofuran(THF)	BDL	25	1,1-Dichloropropene	BDL	5
Carbon tetrachloride	BDL	5	Benzene	36	5
1,2-Dichloroethane	9.8	5	1,1,1-Trichloroethane	56	5
2-Methoxy-2-methylbutane (TAME)	BDL	5	Trichloroethene	28	5
1,2-Dichloropropane	BDL	5	Dibromomethane	BDL	5
Methyl methacrylate	BDL	5	Bromodichloromethane	BDL	5
cis-1,3-Dichloropropene	BDL	5	trans-1,3-Dichloropropene	BDL	5
4-Methyl-2-pentanone (MIBK)	BDL	25	1,1,2-Trichloroethane	BDL	5
Dibromochloromethane	BDL	5	Toluene	BDL	5
Tetrachloroethene	7.2	5	1,3-Dichloropropane	BDL	5
2-Hexanone	BDL	25	1,2-Dibromoethane	BDL	5
Chlorobenzene	BDL	5	1,1,1,2-Tetrachloroethane	BDL	5
Ethylbenzene	BDL	5	m/p-Xylenes	BDL	5
o-Xylene	14	5	Styrene	BDL	5
Bromoform	BDL	5	Isopropylbenzene	BDL	5
1,1,2,2-Tetrachloroethane	BDL	5	1,2,3-Trichloropropane	BDL	5
Bromobenzene	BDL	5	n-Propylbenzene	BDL	5
o-Chlorotoluene	BDL	5	p-Chlorotoluene	BDL	5
1,3,5-Trimethylbenzene	BDL	5	tert-Butylbenzene	BDL	5
1,2,4-Trimethylbenzene	BDL	5	sec-Butylbenzene	BDL	5
1,3-Dichlorobenzene	BDL	5	p-Isopropyltoluene	BDL	5
1,4-Dichlorobenzene	BDL	5	1,2-Dichlorobenzene	BDL	5
n-Butylbenzene	BDL	5	1,2-Dibromo-3-chloropropane	BDL	5
1,2,4-Trichlorobenzene	BDL	5	Hexachlorobutadiene	BDL	5
Naphthalene	7.4	5	1,2,3-Trichlorobenzene	BDL	5

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100ug/L.

Report Comments: Calibration check for naphthalene @ 126%.

Measure date: 23-SEP-03

Lisa L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Tentatively Identified Compounds

Sample ID: AE-17D
Lab ID: A64535-4
Date Analyzed: 23-Sep-03
Dilution: 2.5

Compound Name	CAS #	Est. Conc. ug/L
1,2,3-trimethylbenzene	00526-73-8	26
1-ethyl-2,3-dimethylbenzene	000933-98-2	5.7
1-methyl-Indan	000767-58-8	5.9
1,2,4,5-tetramethylbenzene	000095-93-2	6.8

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-5
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 11:48

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : AE-18S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	5	Chloromethane	BDL	5
Vinyl chloride	52	5	Bromomethane	BDL	5
Chloroethane	32	5	Trichlorofluoromethane	BDL	5
Diethyl ether	BDL	5	1,1-Dichloroethene	BDL	5
Acetone	BDL	25	Carbon disulfide	BDL	5
Methylene chloride	BDL	5	tert-Butanol (TBA)	BDL	25
trans-1,2-Dichloroethene	4.8	5	Methyl-t-butyl ether (MTBE)	BDL	5
1,1-Dichloroethane	79	5	Diisopropyl ether (DIPE)	BDL	5
Ethyl-t-butyl ether (ETBE)	BDL	5	2,2-Dichloropropane	BDL	5
cis-1,2-Dichloroethene	22	5	2-Butanone (MEK)	BDL	25
Bromochloromethane	BDL	5	Chloroform	BDL	5
Tetrahydrofuran(THF)	BDL	25	1,1-Dichloropropene	BDL	5
Carbon tetrachloride	BDL	5	Benzene	32	5
1,2-Dichloroethane	2.7	5	1,1,1-Trichloroethane	6.4	5
2-Methoxy-2-methylbutane (TAME)	BDL	5	Trichloroethene	BDL	5
1,2-Dichloropropane	BDL	5	Dibromomethane	BDL	5
Methyl methacrylate	BDL	5	Bromodichloromethane	BDL	5
cis-1,3-Dichloropropene	BDL	5	trans-1,3-Dichloropropene	BDL	5
4-Methyl-2-pentanone (MIBK)	BDL	25	1,1,2-Trichloroethane	BDL	5
Dibromochloromethane	BDL	5	Toluene	5.7	5
Tetrachloroethene	BDL	5	1,3-Dichloropropane	BDL	5
2-Hexanone	BDL	25	1,2-Dibromoethane	BDL	5
Chlorobenzene	BDL	5	1,1,1,2-Tetrachloroethane	BDL	5
Ethylbenzene	46	5	m/p-Xylenes	5.7	5
o-Xylene	13	5	Styrene	BDL	5
Bromoform	BDL	5	Isopropylbenzene	6.3	5
1,1,2,2-Tetrachloroethane	BDL	5	1,2,3-Trichloropropane	BDL	5
Bromobenzene	BDL	5	n-Propylbenzene	7.5	5
o-Chlorotoluene	BDL	5	p-Chlorotoluene	BDL	5
1,3,5-Trimethylbenzene	BDL	5	tert-Butylbenzene	BDL	5
1,2,4-Trimethylbenzene	20	5	sec-Butylbenzene	BDL	5
1,3-Dichlorobenzene	BDL	5	p-Isopropyltoluene	BDL	5
1,4-Dichlorobenzene	BDL	5	1,2-Dichlorobenzene	5.4	5
n-Butylbenzene	2.3	5	1,2-Dibromo-3-chloropropane	BDL	5
1,2,4-Trichlorobenzene	BDL	5	Hexachlorobutadiene	BDL	5
Naphthalene	18	5	1,2,3-Trichlorobenzene	BDL	5

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100ug/L.

Report Comments: Calibration check for naphthalene @ 126%.

Measure date: 23-SEP-03

Luca L. Barnilla

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Tentatively Identified Compounds

Sample ID: AE-18S
Lab ID: A64535-5
Date Analyzed: 23-Sep-03
Dilution: 1

Compound Name	CAS #	Est. Conc. ug/L
1,2-dichloro-1,1,2-trifluoroethane	000354-23-4	9.9
methyl-cyclohexane	000108-87-2	7.4
1-ethyl-2-methylbenzene	000611-14-3	23
1,2,3-trimethylbenzene	00526-73-8	20
Indane	000496-11-7	25
Indene	000095-13-6	24
1-methyl-4-(1-methylethyl)benzene	000099-87-6	9.5
1-methyl-Indan	000767-58-8	12
2-ethenyl-1,4-dimethylbenzene	002039-89-6	18

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-6
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 11:53

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : AE-18S DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	50	2	Bromomethane	BDL	2
Chloroethane	31	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	4.8	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	78	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	22	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	32	2
1,2-Dichloroethane	2.5	2	1,1,1-Trichloroethane	6.1	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	5.6	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	43	2	m/p-Xylenes	5.6	2
o-Xylene	12	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	5.7	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	7.1	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	21	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	5.2	2
n-Butylbenzene	2	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	17	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Report Comments: Calibration check for naphthalene @ 126%.

Measure date: 23-SEP-03

Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Tentatively Identified Compounds

Sample ID: AE-18S Dupl
Lab ID: A64535-6
Date Analyzed: 23-Sep-03
Dilution: 1

Compound Name	CAS #	Est. Conc. ug/L
1,2-dichloro-1,1,2-trifluoroethane	000354-23-4	9.5
methyl-cyclohexane	000108-87-2	6.3
1-ethyl-4-methylbenzene	000622-96-8	24
Indane	000496-11-7	23
Indene	000095-13-6	23
1-methyl-2-(1-methylethyl)benzene	000527-84-4	10
1-methyl-Indan	000767-58-8	9
2-ethenyl-1,4-dimethylbenzene	002039-89-6	18

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-7
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 11:58

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : AE-18D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 25-SEP-03

Authorized Signature: Lucia L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-8
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 14:20

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-2S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	8.3	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 23-SEP-03

Authorized Signature: Lucas R. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-9
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 12:35

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-2I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	4	Chloromethane	BDL	4
Vinyl chloride	BDL	4	Bromomethane	BDL	4
Chloroethane	BDL	4	Trichlorofluoromethane	BDL	4
Diethyl ether	BDL	4	1,1-Dichloroethene	17	4
Acetone	BDL	20	Carbon disulfide	BDL	4
Methylene chloride	BDL	4	tert-Butanol (TBA)	BDL	20
trans-1,2-Dichloroethene	BDL	4	Methyl-t-butyl ether (MTBE)	BDL	4
1,1-Dichloroethane	BDL	4	Diisopropyl ether (DIPE)	BDL	4
Ethyl-t-butyl ether (ETBE)	BDL	4	2,2-Dichloropropane	BDL	4
cis-1,2-Dichloroethene	260	4	2-Butanone (MEK)	BDL	20
Bromochloromethane	BDL	4	Chloroform	BDL	4
Tetrahydrofuran(THF)	BDL	20	1,1-Dichloropropene	BDL	4
Carbon tetrachloride	BDL	4	Benzene	20	4
1,2-Dichloroethane	BDL	4	1,1,1-Trichloroethane	BDL	4
2-Methoxy-2-methylbutane (TAME)	BDL	4	Trichloroethene	9.5	4
1,2-Dichloropropane	BDL	4	Dibromomethane	BDL	4
Methyl methacrylate	BDL	4	Bromodichloromethane	BDL	4
cis-1,3-Dichloropropene	BDL	4	trans-1,3-Dichloropropene	BDL	4
4-Methyl-2-pentanone (MIBK)	BDL	20	1,1,2-Trichloroethane	BDL	4
Dibromochloromethane	BDL	4	Toluene	BDL	4
Tetrachloroethene	BDL	4	1,3-Dichloropropane	BDL	4
2-Hexanone	BDL	20	1,2-Dibromoethane	BDL	4
Chlorobenzene	BDL	4	1,1,1,2-Tetrachloroethane	BDL	4
Ethylbenzene	BDL	4	m/p-Xylenes	BDL	4
o-Xylene	BDL	4	Styrene	BDL	4
Bromoform	BDL	4	Isopropylbenzene	BDL	4
1,1,2,2-Tetrachloroethane	BDL	4	1,2,3-Trichloropropane	BDL	4
Bromobenzene	BDL	4	n-Propylbenzene	BDL	4
o-Chlorotoluene	BDL	4	p-Chlorotoluene	BDL	4
1,3,5-Trimethylbenzene	BDL	4	tert-Butylbenzene	BDL	4
1,2,4-Trimethylbenzene	BDL	4	sec-Butylbenzene	BDL	4
1,3-Dichlorobenzene	BDL	4	p-Isopropyltoluene	BDL	4
1,4-Dichlorobenzene	BDL	4	1,2-Dichlorobenzene	BDL	4
n-Butylbenzene	BDL	4	1,2-Dibromo-3-chloropropane	BDL	4
1,2,4-Trichlorobenzene	BDL	4	Hexachlorobutadiene	BDL	4
Naphthalene	BDL	4	1,2,3-Trichlorobenzene	BDL	4

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 23-SEP-03

Authorized Signature: Lisa L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-10
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 11:25

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-2D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 23-SEP-03

Authorized Signature: Lisa L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-11
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 12:30

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-3S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	2.1	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 23-SEP-03

Authorized Signature: Lucia L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-12
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 13:40

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-3I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	2	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	2.2	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	3.9	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 23-SEP-03

Authorized Signature: Lucia L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-13
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 11:20

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-3D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	11	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	4.6	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	2	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Report Comments: Lab Fortified Blank(LFB) recovery for TBA @ 131%

Measure date: 23-SEP-03

Lucia L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-14
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 14:55

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-13D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioane. 1,4-Dioxane not detected at 100ug/L.

Measure date: 23-SEP-03

Authorized Signature: Laura L. Barnville

mg/L = milligrams per Liter ug/L = micrograms per Liter > = Greater Than

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-15
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 11:35

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-15S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100ug/L.

Measure date: 23-SEP-03

Authorized Signature: Lucas L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-16
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 12:20

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-15I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100ug/L.

Measure date: 23-SEP-03

Authorized Signature: Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-17
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 12:56

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-15D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 23-SEP-03

Authorized Signature: Lucas A. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-18
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 14:55

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-22S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	3.4	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	8.4	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	13	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 24-SEP-03

Authorized Signature: Lucas A. Bernardi

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-19
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 13:50

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-22D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	2.2	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	12	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	3.2	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100ug/L.

Report Comments: Calibration check for acetone @ 123%

Measure date: 24-SEP-03

Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-20
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 12:15

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-22R
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100ug/L.

Measure date: 24-SEP-03

Authorized Signature: Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-21
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/16/2003 12:55

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-23S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100ug/L.

Measure date: 24-SEP-03

Authorized Signature: Lucas L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-22
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/16/2003 12:25

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-23I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	4.7	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for I,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 24-SEP-03

Authorized Signature: Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-23
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/16/2003 13:00

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-23D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	16	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100ug/L.

Measure date: 24-SEP-03

Authorized Signature: Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-24
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/16/2003 16:35

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-24S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 24-SEP-03

Authorized Signature: Lucas L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-25
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 15:00

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-24I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	2.3	2	m/p-Xylenes	BDL	2
o-Xylene	17	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	3.9	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	3.6	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	2.1	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	36	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane was not detected at 100ug/L

Measure date: 24-SEP-03

Authorized Signature: Lucas A. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Tentatively Identified Compounds

Sample ID: SH-24i
Lab ID: A64535-25
Date Analyzed: 24-Sep-03
Dilution: 1

Compound Name	CAS #	Est. Conc. ug/L
1-ethyl-2-methylbenzene	000611-14-3	16
1-methyl-2-propylbenzene	001074-17-5	3.1
2-ethyl-1,4-dimethylbenzene	001758-88-9	3.3
1,2,4,5-tetramethylbenzene	000095-93-2	3.3
1,2,3,4-tetrahydronaphthalene	000119-64-2	6.7

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-26
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 13:50

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-24D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane was not detected at 100 ug/L.

Measure date: 24-SEP-03

Authorized Signature: Laura L. Barnville

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-27
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 14:25

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-53S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane was not detected at 100ug/L.

Measure date: 24-SEP-03

Authorized Signature: Lucas A. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64535-28
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 14:03

Log in Date : 09/19/2003
Completion Date: 10/01/03

Site : PLAISTOW
Collectby : S PERKINS /L DESMARIS
Locator : SH-54S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane was not detected at 100ug/L.

Measure date: 24-SEP-03

Authorized Signature: Lisa L. Barnaby

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024466-IN
INVOICE DATE: 10/01/03
DUE DATE: 10/31/03

NHDES

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
18260	A64535-1 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-10 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-11 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-12 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-13 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-14 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-15 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-16 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-17 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-18 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-19 RVOA-8260 AQUEOUS	1.000	100.00	100.00
18260	BA64535-2 VOA-8260 AQUEOUS	1.000	100.00	100.00
			Invoice Total:	

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$

Project Number: 04-0007307

Invoice Number: 0024466

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

CONTINUED

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024466-IN
INVOICE DATE: 10/01/03
DUE DATE: 10/31/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
18260	A64535-20 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-21 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-22 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-23 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-24 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-25 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-26 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-27 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-28 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-3 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64535-4 RVOA-8260 AQUEOUS	1.000	100.00	100.00
18260	BA64535-5 VOA-8260 AQUEOUS	1.000	100.00	100.00
			Invoice Total:	100.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$

Project Number: 04-0007307

Invoice Number: 0024466

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

CONTINUED

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024466-IN
INVOICE DATE: 10/01/03
DUE DATE: 10/31/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64535-6			
18260	VOA-8260 AQUEOUS	1.000	100.00	100.00
	A64535-7			
18260	VOA-8260 AQUEOUS	1.000	100.00	100.00
	A64535-8			
18260	VOA-8260 AQUEOUS	1.000	100.00	100.00
	A64535-9			
18260	VOA-8260 AQUEOUS	1.000	100.00	100.00

REVIEW THIS INVOICE THOROUGHLY; MAKE ALL CHANGES
BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND

Invoice Total: 2,800.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 2,800.00

Project Number: 04-0007307

Invoice Number: 0024466

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 **System Name:** Beede **Site/Town:** Plaistow, NH **Contact:** Leah Desmarais x 0697 2C

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Total Fe	Total Mn	Chloride	Sulfate	Nitrate	Alkalinit	TKN				Other / Notes	Lab ID # (For Lab Use Only)
SH-22S	9/15/03 14:55	3	AQ	✓	✓	✓	✓	✓	✓	✓					A64353-1 09/15
SH-22D	13:50		AQ												A64353-2 09/15 13:50
SH-22R	12:15		AQ												A64353-3 09/15 12:15
SH-24S	16:35		AQ												A64353-4 09/15 16:35
SH-24I	15:00		AQ												A64353-5 09/15 15:00
SH-24D	13:50		AQ												A64353-6 09/15 13:50
			AQ												
			AQ												
			AQ												
			AQ												
			AQ												
			AQ												

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By Leah Desmarais Date and Time 9/15/03 18:20 Received By locked storage

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Relinquished By locked storage T.D. Date and Time _____

Received For Laboratory By T.D.

Page 1 **of** 1

Data Reviewed By Garry Haworth Date 10.20.03

Inorganics Supervisor

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

BEEDE WELLS

Site # 04-000-7307

VOCs	
63 samples	
AE-1	SH-22S
AE-2	SH-22D
AE-4	SH-22R
AE-10	SH-23S
AE-12	SH-23I
AE-14	SH-23D
AE-17S	SH-24S
AE-17D	SH-24I
AE-18S	SH-24D
AE-18D	SH-25S
AE-20	SH-25I
AE-21	SH-25D
AE-22	SH-26S
	SH-27S
SH-2S	SH-33S
SH-2I	SH-38S
SH-2D	SH-41S
SH-3S	SH-43S
SH-3I	SH-44S
SH-3D	SH-53S
SH-4S	SH-54S
SH-4I	SH-56S
SH-4D	SH-57S
SH-12S	
SH-13D	WP-4
SH-15S	WP-10
SH-15I	WP-12
SH-15D	WP-14
SH-19S	WP-15
SH-19I	WP-17
SH-19D	WP-18
SH-21S	
SH-21I	
SH-21D	

Natural Attenuation *
32 samples
AE-2
AE-10
AE-12
AE-14
AE-17S
AE-17D
AE-18S
AE-18D
AE-20
SH-2S
SH-2I
SH-2D
SH-3S
SH-3I
SH-3D
SH-4S
SH-4I
SH-4D
SH-13D
SH-15S
SH-15I
SH-22S
SH-22D
SH-22R
SH-23S
SH-23I
SH-23D
SH-24S
SH-24I
SH-24D
SH-43S
SH-53S

* Natural Attenuation Parameters = Fe, Mn, TKN, Chloride, Sulfate, Nitrate, and Alkalinity

Samplers: Sharon G. Perkins
Leah Desmarais

AQUEOUS SAMPLE RECEIPT CHECKLIST
PHYSICAL INSPECTION OF SAMPLES BEING SUBMITTED
(TO BE COMPLETED BY LABORATORY STAFF ONLY)

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature of the sample or temperature blank**	✓			Project (EPA) # 94000307 Temperature 2 °C From Refrigerator
Condition of sample(s) acceptable? (Check for leakage, breakage, and volume) Do VOA's or Radon have air bubbles?	✓			T.W.
Was the paperwork submitted adequate and completely filled out? Hold times acceptable?	✓			
Do the paperwork and sample labels agree?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				✓ ___Hand delivered or ___Mail To Fridge
Was the sample(s) received in a cooler? How many coolers were received? **What was used to lower the temp?**			✓	Number of Coolers_____ ___Ice ___Cold Packs(s) ___Nothing

LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE

Was the Client contacted by phone? **Reason**_____				**Date**_____ **Time**_____ **Initials**_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) subcontracted? List the samples which were sent and tests requested:				**Contract Lab:** _____ **Date/Time** **Name of Staff Releasing Sample:** _____

NA = Not Applicable

Completed By TW **Date** 09-16-03 A64353-1

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64353-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 14:55
Log in Date : 09/16/2003 10:59
Completion Date: 10/19/2003
Misc ID :

Locator : SH-22S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	15.4	mg/L		310.1
CHLORIDE	61	mg/L	3	325.2
IRON	<.05	mg/L	.05	200
MANGANESE	.049	mg/L	.01	200
NITRATE-N	.06	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	7	mg/L	1	300.0

Authorized Signature: Garry A Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64353-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 13:50
Log in Date : 09/16/2003 10:59
Completion Date: 10/19/2003
Misc ID :

Locator : SH-22D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	36.3	mg/L		310.1
CHLORIDE	137	mg/L	3	325.2
IRON	<.05	mg/L	.05	200
MANGANESE	.202	mg/L	.01	200
NITRATE-N	1.04	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	8	mg/L	1	300.0

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64353-3
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 12:15
Log in Date : 09/16/2003 10:59
Completion Date: 10/19/2003
Misc ID :

Locator : SH-22R
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	45.8	mg/L		310.1
CHLORIDE	172	mg/L	3	325.2
IRON	3.98	mg/L	.05	200
MANGANESE	.155	mg/L	.01	200
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	27	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64353-4
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/15/2003 16:35
Log in Date : 09/16/2003 10:59
Completion Date: 10/19/2003
Misc ID :

Locator : SH-24S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY		mg/L		310.1
CHLORIDE	**3700**	mg/L	300	325.2
IRON	**.411**	mg/L	.05	200
MANGANESE	**.64**	mg/L	.01	200
NITRATE-N	**.38**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**11**	mg/L	1	300.0

Analyst Comments: ALKALINITY IS <1

Analyst Comments: Reported x1 value

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64353-5
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/15/2003 15:00
Log in Date : 09/16/2003 10:59
Completion Date: 10/19/2003
Misc ID :

Locator : SH-24I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**28.5**	mg/L		310.1
CHLORIDE	**35**	mg/L	3	325.2
IRON	**<.05**	mg/L	.05	200
MANGANESE	**.346**	mg/L	.01	200
NITRATE-N	**27**	mg/L	.5	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**12**	mg/L	1	300.0

Analyst Comments: Reported x1 value

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64353-6
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/15/2003 13:50
Log in Date : 09/16/2003 10:59
Completion Date: 10/19/2003
Misc ID :

Locator : SH-24D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	382	mg/L		310.1
CHLORIDE	4	mg/L	3	325.2
IRON	<.05	mg/L	.05	200
MANGANESE	.585	mg/L	.01	200
NITRATE-N	.06	mg/L	.05	353.2
NITROGEN,TKN	.5	mg/L	.25	351.2
SULFATE	76	mg/L	1	300.0

Analyst Comments: HQC = 100mg/L SO4

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024568-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64353-1			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64353-2			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64353-3			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	BALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
			Invoice Total:	

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$

Project Number: 04-0007307

Invoice Number: 0024568

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

CONTINUED

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024568-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

NHDES

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64353-4			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64353-5			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64353-6			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	BALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
			Invoice Total:	630.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 630.00

Project Number: 04-0007307

Invoice Number: 0024568

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.) 3C

Program/Client ID: In-House EPA #/Project #: 04-000-7307 **System Name:** Beede **Site/Town: Plaistow, NH** **Contact: Leah Desmarais x 0697**

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Total Fe	Total Mn	Chloride	Sulfate	Nitrate	Alkalinit	TKN				Other / Notes	Lab ID # (For Lab Use Only)
SH-23S	9/16/03 12:55	3	AQ	✓	✓	✓	✓	✓	✓	✓					A64424-1 09/16 12:55
SH-23I	↓ 12:25	↓	AQ	↓	↓	↓	↓	↓	↓	↓					A64424-2 09/16 12:25
SH-23D	↓ 13:00	↓	AQ	↓	↓	↓	↓	↓	↓	↓					A64424-3 09/16 13:00
			AQ												
			AQ												
			AQ												
			AQ												
			AQ												
			AQ												
			AQ												
			AQ												
			AQ												

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By Leah Desmarais Date and Time 9/16/03 16:10 Received By Lockbox storage

Relinquished By Lockbox storage Date and Time 9/17/03 7:30 **Received For Laboratory By** L. Bibb

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Page 1 **of** 1

Data Reviewed By Garry A Haworth Date 10-20-03

Garry Haworth
Inorganics Supervisor

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

BEEDE WELLS

Site # 04-000-7307

VOCs	
63 samples	
AE-1	SH-22S
AE-2	SH-22D
AE-4	SH-22R
AE-10	SH-23S
AE-12	SH-23I
AE-14	SH-23D
AE-17S	SH-24S
AE-17D	SH-24I
AE-18S	SH-24D
AE-18D	SH-25S
AE-20	SH-25I
AE-21	SH-25D
AE-22	SH-26S
	SH-27S
SH-2S	SH-33S
SH-2I	SH-38S
SH-2D	SH-41S
SH-3S	SH-43S
SH-3I	SH-44S
SH-3D	SH-53S
SH-4S	SH-54S
SH-4I	SH-56S
SH-4D	SH-57S
SH-12S	
SH-13D	WP-4
SH-15S	WP-10
SH-15I	WP-12
SH-15D	WP-14
SH-19S	WP-15
SH-19I	WP-17
SH-19D	WP-18
SH-21S	
SH-21I	
SH-21D	

Natural Attenuation *
32 samples
AE-2
AE-10
AE-12
AE-14
AE-17S
AE-17D
AE-18S
AE-18D
AE-20
SH-2S
SH-2I
SH-2D
SH-3S
SH-3I
SH-3D
SH-4S
SH-4I
SH-4D
SH-13D
SH-15S
SH-15I
SH-22S
SH-22D
SH-22R
SH-23S
SH-23I
SH-23D
SH-24S
SH-24I
SH-24D
SH-43S
SH-53S

* Natural Attenuation Parameters = Fe, Mn, TKN, Chloride, Sulfate, Nitrate, and Alkalinity

Samplers: Sharon G. Perkins
Leah Desmarais

AQUEOUS SAMPLE RECEIPT CHECKLIST
PHYSICAL INSPECTION OF SAMPLES BEING SUBMITTED
(TO BE COMPLETED BY LABORATORY STAFF ONLY)

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature of the sample or temperature blank**				Project (EPA) #______ Temperature 3° °C from frig
Condition of sample(s) acceptable? (Check for leakage, breakage, and volume) Do VOA's or Radon have air bubbles?	✓			A64424(1-3)
Was the paperwork submitted adequate and completely filled out? Hold times acceptable?	✓			
Do the paperwork and sample labels agree?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				___Hand delivered or to locked storage (frig). ___Mail
Was the sample(s) received in a cooler? How many coolers were received? What was used to lower the temp?			✓	Number of Coolers____ __Ice __Cold Packs(s) __Nothing

LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE

Was the Client contacted by phone? Reason______				Date____ Time____ Initials____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) subcontracted? List the samples which were sent and tests requested:				Contract Lab: ______ Date/Time Name of Staff Releasing Sample: ______

NA = Not Applicable

Completed By f. b **Date** 9/17/03

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64424-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/16/2003 12:55
Log in Date : 09/17/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : SH-23S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS, L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**72.6**	mg/L		310.1
CHLORIDE	**224**	mg/L	3	325.2
IRON	**<.05**	mg/L	.05	200
MANGANESE	**<.01**	mg/L	.01	200
NITRATE-N	**1.84**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**17**	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64424-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/16/2003 12:25
Log in Date : 09/17/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : SH-23I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS, L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	63	mg/L		310.1
CHLORIDE	113	mg/L	3	325.2
IRON	.358	mg/L	.05	200
MANGANESE	.2	mg/L	.01	200
NITRATE-N	.86	mg/L	.05	353.2
NITROGEN,TKN	.3	mg/L	.25	351.2
SULFATE	13	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

NHDES

Results of Laboratory Analysis

Sample #: A64424-3
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/16/2003 13:00
Log in Date : 09/17/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : SH-23D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS, L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	35.8	mg/L		310.1
CHLORIDE	18	mg/L	3	325.2
IRON	<.05	mg/L	.05	200
MANGANESE	.418	mg/L	.01	200
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	17	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganic Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024569-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64424-1			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64424-2			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64424-3			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	BALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
			Invoice Total:	315.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 315.00

Project Number: 04-0007307

Invoice Number: 0024569

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

40

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 **System Name:** Beede **Site/Town: Plaistow, NH** **Contact: Leah Desmarais x 0697**

Comments: 48 hour holding time!

Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Total Fe	Total Mn	Chloride	Sulfate	Nitrate	Alkalinit	TKN			Other / Notes	Lab ID # (For Lab Use Only)
AE-17S	9/17/03 15:00	3	AQ	✓	✓	✓	✓	✓	✓	✓				A64477-1 09/17 15:00
AE-17D	14:40		AQ											A64477-2 09/17 14:40
SH-8S	14:20		AQ											A64477-3 09/17 14:20
SH-2I	12:35		AQ											A64477-4 09/17 12:35
SH-2D	11:25		AQ											A64477-5 09/17 11:25
SH-13D	14:55		AQ											A64477-6 09/17 14:55
SH-15S	11:35		AQ											A64477-7 09/17 11:35
SH-15I	12:20		AQ	✓	✓	✓	✓	✓	✓	✓				A64477-8 09/17 12:20
			AQ											
			AQ											
			AQ											
			AQ											

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By Leah Desmarais Date and Time 9/17/03 17:15 Received By [illegible]

Relinquished By [illegible] Date and Time 9/18/03 7:35 **Received For Laboratory By** [illegible]

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Page 1 **of** 1

Data Reviewed By Garry Haworth Inorganics Supervisor Date 10.20.03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

BEEDE WELLS

Site # 04-000-7307

VOCs	
63 samples	
AE-1	SH-22S
AE-2	SH-22D
AE-4	SH-22R
AE-10	SH-23S
AE-12	SH-23I
AE-14	SH-23D
AE-17S	SH-24S
AE-17D	SH-24I
AE-18S	SH-24D
AE-18D	SH-25S
AE-20	SH-25I
AE-21	SH-25D
AE-22	SH-26S
	SH-27S
SH-2S	SH-33S
SH-2I	SH-38S
SH-2D	SH-41S
SH-3S	SH-43S
SH-3I	SH-44S
SH-3D	SH-53S
SH-4S	SH-54S
SH-4I	SH-56S
SH-4D	SH-57S
SH-12S	
SH-13D	WP-4
SH-15S	WP-10
SH-15I	WP-12
SH-15D	WP-14
SH-19S	WP-15
SH-19I	WP-17
SH-19D	WP-18
SH-21S	
SH-21I	
SH-21D	

Natural Attenuation *
32 samples
AE-2
AE-10
AE-12
AE-14
AE-17S
AE-17D
AE-18S
AE-18D
AE-20
SH-2S
SH-2I
SH-2D
SH-3S
SH-3I
SH-3D
SH-4S
SH-4I
SH-4D
SH-13D
SH-15S
SH-15I
SH-22S
SH-22D
SH-22R
SH-23S
SH-23I
SH-23D
SH-24S
SH-24I
SH-24D
SH-43S
SH-53S

* Natural Attenuation Parameters = Fe, Mn, TKN, Chloride, Sulfate, Nitrate, and Alkalinity

Samplers: Sharon G. Perkins
Leah Desmarais

AQUEOUS SAMPLE RECEIPT CHECKLIST
PHYSICAL INSPECTION OF SAMPLES BEING SUBMITTED
(TO BE COMPLETED BY LABORATORY STAFF ONLY)

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank				Project (EPA) #_____ Temperature 4.0 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage,** and volume) Do VOA's or Radon have air **bubbles?**	✓			locked storage.
Was the paperwork submitted **adequate** and **completely filled out? Hold times acceptable?**	✓			
Do the paperwork and **sample labels agree?**	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				____**Hand delivered or** ____**Mail**
Was the sample(s) received in a cooler? How many coolers were received? What was used to lower the temp?				**Number of Coolers**_____ ___**Ice** ___**Cold Packs(s)** ___**Nothing** From locked storage (Eng) overnight

LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE

Was the Client contacted by phone? **Reason**_____				**Date**_____**Time**_____ **Initials**_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) subcontracted? List the samples which were sent and tests requested:				**Contract Lab:** _____ **Date/Time** **Name of Staff Releasing Sample:** _____

NA = Not Applicable

Completed By RS **Date** 9/18/03

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64477-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 15:00
Log in Date : 09/18/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : AE-17S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**4**	mg/L		310.1
CHLORIDE	**3**	mg/L	3	325.2
IRON	**.731**	mg/L	.05	200
MANGANESE	**<.01**	mg/L	.01	200
NITRATE-N	**.19**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**3**	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64477-2
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/17/2003 14:40
Log in Date : 09/18/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : AE-17D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	54.4	mg/L		310.1
CHLORIDE	12	mg/L	3	325.2
IRON	.947	mg/L	.05	200
MANGANESE	1.19	mg/L	.01	200
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	8	mg/L	1	300.0

Authorized Signature: Garry Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64477-3
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 14:20
Log in Date : 09/18/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : SH-2S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	9	mg/L		310.1
CHLORIDE	3	mg/L	3	325.2
IRON	<.05	mg/L	.05	200
MANGANESE	<.01	mg/L	.01	200
NITRATE-N	.5	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	5	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64477-4
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 12:35
Log in Date : 09/18/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : SH-2I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	67.8	mg/L		310.1
CHLORIDE	.24	mg/L	3	325.2
IRON	10.1	mg/L	.05	200
MANGANESE	.909	mg/L	.01	200
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	6	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64477-5
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 11:25
Log in Date : 09/18/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : SH-2D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**56.7**	mg/L		310.1
CHLORIDE	**5**	mg/L	3	325.2
IRON	**.052**	mg/L	.05	200
MANGANESE	**.072**	mg/L	.01	200
NITRATE-N	**<0.05**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**14**	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64477-6
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/17/2003 14:55
Log in Date : 09/18/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : SH-13D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	114	mg/L		310.1
CHLORIDE	3	mg/L	3	325.2
IRON	<.05	mg/L	.05	200
MANGANESE	.1	mg/L	.01	200
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	14	mg/L	1	300.0

Authorized Signature: Garry A Haworth .
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64477-7
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/17/2003 11:35
Log in Date : 09/18/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : SH-15S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	33.6	mg/L		310.1
CHLORIDE	104	mg/L	3	325.2
IRON	4.16	mg/L	.05	200
MANGANESE	5.99	mg/L	.05	200
NITRATE-N	.07	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	2	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64477-8
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/17/2003 12:20
Log in Date : 09/18/2003 07:36
Completion Date: 10/19/2003
Misc ID :

Locator : SH-15I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	29.9	mg/L		310.1
CHLORIDE	400	mg/L	3	325.2
IRON	<.05	mg/L	.05	200
MANGANESE	.01	mg/L	.01	200
NITRATE-N	1.53	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	14	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024570-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

NHDES

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64477-1			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64477-2			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64477-3			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	BALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
			Invoice Total:	25.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$

Project Number: 04-0007307

Invoice Number: 0024570

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

CONTINUED

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024570-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

NHDES

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64477-4			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64477-5			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64477-6			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
			Invoice Total:	25.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$

Project Number: 04-0007307

Invoice Number: 0024570

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

CONTINUED

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024570-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64477-7			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64477-8			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00

REVIEW THIS INVOICE THOROUGHLY; MAKE ALL CHANGES
BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND

Invoice Total: 840.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 840.00

Project Number: 04-0007307

Invoice Number: 0024570

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

ogram/Client ID: In-House EPA #/Project #: 04-000-7307 System Name: Beede Site/Town: Plaistow, NH Contact: Leah Desmarais x 0697

omments: 48 hour holding time. Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Total Fe	Total Mn	Chloride	Sulfate	Nitrate	Alkalinit	TKN				Other / Notes	Lab ID # (For Lab Use Only)
AE-10	9/18/03 14:50	3	AQ	✓	✓	✓	✓	✓	✓	✓					A64534-1 09/18 14:50
AE-18S	11:48		AQ												A64534-2 09/18 11:48
AE-18S dup.	11:53		AQ												A64534-3 09/18 11:53
SH-3S	12:30		AQ												A64534-5 09/18 12:30
SH-3I	13:40		AQ												A64534-6 09/18 13:40
SH-3D	11:20		AQ												A64534-7 09/18 11:20
SH-53S	14:25		AQ												A64534-8 09/18 14:25
AE-18D	11:58		AQ												A64534-4 09/18 11:58
			AQ												
			AQ												
			AQ												
			AQ												

SH 9/19/03

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By LeahDesmarais Date and Time 9/18/03 17:00 Received By Locked Storage

Relinquished By Locked Storage Date and Time 9/19/03 7:45 **Received For Laboratory By** [signature]

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Page 1 **of** 1

Data Reviewed By [signature] Garry Haworth, Inorganics Supervisor Date 10.20.03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank				Project (EPA) #________ Temperature 4° °C
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume) Do VOA's or Radon have **air bubbles**?	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				____**Hand delivered or** ____**Mail** Locked frig
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?			✓	Number of Coolers________ ___**Ice** ___**Cold Packs(s)** ___**Nothing** Stored in frig overnight - locked storage
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Sample AE-18 D not on C-O-C Reason: Requested it be in 4th place	✓			Date 9/19 Time ~~735~~ Initials B
Additional Comments: on C-O-C for clarity				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: ________ Date/Time Name of Staff Releasing Sample:

Completed By: ___BS___ **Date:** ___9/19/03___ **NA = Not Applicable**

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64534-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 14:50
Log in Date : 09/19/2003 08:27
Completion Date: 10/19/2003
Misc ID :

Locator : AE-10
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**2.7**	mg/L		310.1
CHLORIDE	**5**	mg/L	3	325.2
IRON	**<.05**	mg/L	.05	200
MANGANESE	**<.01**	mg/L	.01	200
NITRATE-N	**<0.05**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**4**	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64534-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 11:48
Log in Date : 09/19/2003 08:27
Completion Date: 10/19/2003
Misc ID :

Locator : AE-18S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**59.6**	mg/L		310.1
CHLORIDE	**21**	mg/L	3	325.2
IRON	**65.4**	mg/L	.25	200
MANGANESE	**2.22**	mg/L	.05	200
NITROGEN,NO3+NO2	**< 0.05**	mg/L	.05	353.2
NITROGEN,TKN	**.5**	mg/L	.25	351.2
SULFATE	**< 1**	mg/L	1	300.0

Report Comments: NO3 + NO2 from preserved sample due to color and odor

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64534-3
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 11:53
Log in Date : 09/19/2003 08:27
Completion Date: 10/19/2003
Misc ID :

Locator : AE-18S DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**51.8**	mg/L		310.1
CHLORIDE	**18**	mg/L	3	325.2
IRON	**66.6**	mg/L	.1	200
MANGANESE	**2.26**	mg/L	.02	200
NITROGEN,NO3+NO2	**.06**	mg/L	.05	353.2
NITROGEN,TKN	**.5**	mg/L	.25	351.2
SULFATE	**< 1**	mg/L	1	300.0

Report Comments: NO3 + NO2 from preserved sample due to color and odor

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64534-4
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 11:58
Log in Date : 09/19/2003 08:27
Completion Date: 10/19/2003
Misc ID :

Locator : AE-18D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**49.9**	mg/L		310.1
CHLORIDE	**31**	mg/L	3	325.2
IRON	**.845**	mg/L	.05	200
MANGANESE	**.622**	mg/L	.01	200
NITROGEN,NO3+NO2	**.45**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**12**	mg/L	1	300.0

Report Comments: NO3 + NO2 from preserved sample due to color and odor

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64534-5
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/18/2003 12:30
Log in Date : 09/19/2003 08:27
Completion Date: 10/19/2003
Misc ID :

Locator : SH-3S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**12.9**	mg/L		310.1
CHLORIDE	**7**	mg/L	3	325.2
IRON	**.167**	mg/L	.05	200
MANGANESE	**.039**	mg/L	.01	200
NITRATE-N	**.22**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**4**	mg/L	1	300.0

Authorized Signature: Garry Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64534-6
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 13:40
Log in Date : 09/19/2003 08:27
Completion Date: 10/19/2003
Misc ID :

Locator : SH-3I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**47.2**	mg/L		310.1
CHLORIDE	**8**	mg/L	3	325.2
IRON	**.67**	mg/L	.05	200
MANGANESE	**.054**	mg/L	.01	200
NITRATE-N	**.16**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**8**	mg/L	1	300.0

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64534-7
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 11:20
Log in Date : 09/19/2003 08:27
Completion Date: 10/19/2003
Misc ID :

Locator : SH-3D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	27	mg/L		310.1
CHLORIDE	11	mg/L	3	325.2
IRON	2.69	mg/L	.05	200
MANGANESE	.207	mg/L	.01	200
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	9	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64534-8
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/18/2003 14:25
Log in Date : 09/19/2003 08:27
Completion Date: 10/19/2003
Misc ID :

Locator : SH-53S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	3.1	mg/L		310.1
CHLORIDE	6	mg/L	3	325.2
IRON	.301	mg/L	.05	200
MANGANESE	<.01	mg/L	.01	200
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	3	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024572-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64534-1			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64534-2			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64534-3			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	BALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
			Invoice Total:	

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$

Project Number: 04-0007307

Invoice Number: 0024572

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

CONTINUED

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024572-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64534-4			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64534-5			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64534-6			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	BALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
			Invoice Total:	

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$

Project Number: 04-0007307

Invoice Number: 0024572

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

CONTINUED

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024572-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64534-7			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64534-8			
1FE	IRON AQUEOUS	1.000	12.00	12.00
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00

REVIEW THIS INVOICE THOROUGHLY; MAKE ALL CHANGES
BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND

Invoice Total: 840.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 840.00

Project Number: 04-0007307

Invoice Number: 0024572

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 **System Name:** Beede **Site/Town:** Plaistow, NH **Contact:** Leah Desmarais x 0697

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	1,4 dioxane				Other / Notes	Lab ID # (For Lab Use Only)
TRIP BLANK	9/22/03 08:00	2	AQ	✓	✓					A64646-1 09/22 08:00
AE-14	" 16:34		AQ							A64646-2 09/22 16:34
AE-20	15:10		AQ							A64646-3 09/22 15:10
SH-4S	15:00		AQ							A64646-4 09/22 15:00
SH-4I	17:15		AQ							A64646-5 09/22 17:15
SH-4D	14:15		AQ							A64646-6 09/22 14:15
SH-43S	13:25		AQ							A64646-7 09/22 13:25
SH-43S dup	13:30		AQ							A64646-8 09/22 13:30
			AQ							
			AQ							
			AQ							
			AQ							

Preservation: HCL and ice

Relinquished By Leah Desmarais Date and Time 9/22/03 21:05 Received By Locked Storage

Relinquished By Locked Storage B Date and Time 9/23/03 8:00 **Received For Laboratory By** BS

Page 1 **of** 1 Data Reviewed By _____ Date 10-1-03

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank				Project (EPA) #_____ Temperature 4.0 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume) Do VOA's or Radon have **air bubbles**?	✓			in DES frig overnight
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** **Mail**
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?				Number of Coolers_____ **Ice** **Cold Packs(s)** **Nothing** locked storage (frig)
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason_____				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample:_____

A64646-1
09/22 08:00

Completed By: B **Date:** 9/23/03

NA = Not Applicable

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64646-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 08:00

Log in Date : 09/23/2003
Completion Date: 09/30/2003

Site : PLAISTOW
Collectby : S PERKINS/ L DESMARIS
Locator : TRIP BLANK
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Sample screened for 1,4-dioxane; 1,4-dioxane not detected @ 100ppb.

Measure date: 24-SEP-03

Authorized Signature:

mg/L = milligrams per Liter ug/L = micrograms per Liter > = Greater Than

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64646-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 16:34

Log in Date : 09/23/2003
Completion Date: 09/30/2003

Site : PLAISTOW
Collectby : S PERKINS/ L DESMARIS
Locator : AE-14
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	6.2	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	2.2	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Sample screened for 1,4-dioxane; 1,4-dioxane not detected @ 100ppb.

Measure date: 24-SEP-03

Authorized Signature:

mg/L = milligrams per Liter ug/L = micrograms per Liter > = Greater Than

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64646-3
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 15:10

Log in Date : 09/23/2003
Completion Date: 09/30/2003

Site : PLAISTOW
Collectby : S PERKINS/ L DESMARIS
Locator : AE-20
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Sample screened for 1,4-dioxane; 1,4-dioxane not detected @ 100ppb.

Measure date: 25-SEP-03

Authorized Signature: _____

mg/L = milligrams per Liter ug/L = micrograms per Liter > = Greater Than

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64646-4
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 15:00

Log in Date : 09/23/2003
Completion Date: 09/30/2003

Site : PLAISTOW
Collectby : S PERKINS/ L DESMARIS
Locator : SH-4S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Sample screened for 1,4-dioxane; 1,4-dioxane not detected @ 100ppb.

Measure date: 25-SEP-03

Authorized Signature:

mg/L = milligrams per Liter ug/L = micrograms per Liter > = Greater Than

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64646-5
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 17:15

Log in Date : 09/23/2003
Completion Date: 09/30/2003

Site : PLAISTOW
Collectby : S PERKINS/ L DESMARIS
Locator : SH-4I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Sample screened for 1,4-dioxane; 1,4-dioxane not detected @ 100ppb.

Measure date: 25-SEP-03

Authorized Signature:

mg/L = milligrams per Liter ug/L = micrograms per Liter > = Greater Than

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64646-6
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 14:15

Log in Date : 09/23/2003
Completion Date: 09/30/2003

Site : PLAISTOW
Collectby : S PERKINS/ L DESMARIS
Locator : SH-4D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Sample screened for 1,4-dioxane; 1,4-dioxane not detected @ 100ppb.

Measure date: 25-SEP-03

Authorized Signature:

mg/L = milligrams per Liter ug/L = micrograms per Liter > = Greater Than

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64646-7
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 13:25

Log in Date : 09/23/2003
Completion Date: 09/30/2003

Site : PLAISTOW
Collectby : S PERKINS/ L DESMARIS
Locator : SH-43S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	5	Chloromethane	BDL	5
Vinyl chloride	45	5	Bromomethane	BDL	5
Chloroethane	14	5	Trichlorofluoromethane	BDL	5
Diethyl ether	BDL	5	1,1-Dichloroethene	BDL	5
Acetone	BDL	25	Carbon disulfide	BDL	5
Methylene chloride	BDL	5	tert-Butanol (TBA)	BDL	25
trans-1,2-Dichloroethene	5.6	5	Methyl-t-butyl ether (MTBE)	BDL	5
1,1-Dichloroethane	30	5	Diisopropyl ether (DIPE)	BDL	5
Ethyl-t-butyl ether (ETBE)	BDL	5	2,2-Dichloropropane	BDL	5
cis-1,2-Dichloroethene	227	5	2-Butanone (MEK)	BDL	25
Bromochloromethane	BDL	5	Chloroform	BDL	5
Tetrahydrofuran(THF)	BDL	25	1,1-Dichloropropene	BDL	5
Carbon tetrachloride	BDL	5	Benzene	18	5
1,2-Dichloroethane	BDL	5	1,1,1-Trichloroethane	43	5
2-Methoxy-2-methylbutane (TAME)	BDL	5	Trichloroethene	BDL	5
1,2-Dichloropropane	BDL	5	Dibromomethane	BDL	5
Methyl methacrylate	BDL	5	Bromodichloromethane	BDL	5
cis-1,3-Dichloropropene	BDL	5	trans-1,3-Dichloropropene	BDL	5
4-Methyl-2-pentanone (MIBK)	BDL	25	1,1,2-Trichloroethane	BDL	5
Dibromochloromethane	BDL	5	Toluene	16	5
Tetrachloroethene	BDL	5	1,3-Dichloropropane	BDL	5
2-Hexanone	BDL	25	1,2-Dibromoethane	BDL	5
Chlorobenzene	BDL	5	1,1,1,2-Tetrachloroethane	BDL	5
Ethylbenzene	192	5	m/p-Xylenes	111	5
o-Xylene	150	5	Styrene	BDL	5
Bromoform	BDL	5	Isopropylbenzene	18	5
1,1,2,2-Tetrachloroethane	BDL	5	1,2,3-Trichloropropane	BDL	5
Bromobenzene	BDL	5	n-Propylbenzene	19	5
o-Chlorotoluene	BDL	5	p-Chlorotoluene	BDL	5
1,3,5-Trimethylbenzene	59	5	tert-Butylbenzene	BDL	5
1,2,4-Trimethylbenzene	197	5	sec-Butylbenzene	BDL	5
1,3-Dichlorobenzene	BDL	5	p-Isopropyltoluene	6.2	5
1,4-Dichlorobenzene	BDL	5	1,2-Dichlorobenzene	10	5
n-Butylbenzene	BDL	5	1,2-Dibromo-3-chloropropane	BDL	5
1,2,4-Trichlorobenzene	BDL	5	Hexachlorobutadiene	BDL	5
Naphthalene	18	5	1,2,3-Trichlorobenzene	BDL	5

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Sample screened for 1,4-dioxane; 1,4-dioxane not detected @ 100ppb.

Report Comments: See attached TIC Report and QC Narrative.

Measure date: 26-SEP-03

Authorized Signature: Lucas L. Barnaby

Revised 10/21/03

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
29 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3445 FAX (603) 271-2997

QC Narrative

Date: October 21, 2003

Project: 04-0007307: Plaistow, Beede Waste Oil, MSCA

NH DES Lab ID: A64646-7

The Laboratory notes that samples A64646-7 and A64646-8 are field duplicates. All detected target compounds resulted in < 20 % RPD except naphthalene (RPD 101%). The laboratory had analyzed sample A64646-7 on September 25, 2003, which resulted in a naphthalene result of 59 µg/L. The results from the analysis on September 25, 2003 were not reported due to the failure of several quality control parameters. The results for naphthalene in this sample should be viewed with caution.

F:\Case Narrative A64646.doc

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64646-7
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 13:25

Log in Date : 09/23/2003
Completion Date: 09/30/2003

Site : PLAISTOW
Collectby : S PERKINS/ L DESMARIS
Locator : SH-43S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	5	Chloromethane	BDL	5
Vinyl chloride	45	5	Bromomethane	BDL	5
Chloroethane	14	5	Trichlorofluoromethane	BDL	5
Diethyl ether	BDL	5	1,1-Dichloroethene	BDL	5
Acetone	BDL	25	Carbon disulfide	BDL	5
Methylene chloride	BDL	5	tert-Butanol (TBA)	BDL	25
trans-1,2-Dichloroethene	5.6	5	Methyl-t-butyl ether (MTBE)	BDL	5
1,1-Dichloroethane	30	5	Diisopropyl ether (DIPE)	BDL	5
Ethyl-t-butyl ether (ETBE)	BDL	5	2,2-Dichloropropane	BDL	5
cis-1,2-Dichloroethene	227	5	2-Butanone (MEK)	BDL	25
Bromochloromethane	BDL	5	Chloroform	BDL	5
Tetrahydrofuran(THF)	BDL	25	1,1-Dichloropropene	BDL	5
Carbon tetrachloride	BDL	5	Benzene	18	5
1,2-Dichloroethane	BDL	5	1,1,1-Trichloroethane	43	5
2-Methoxy-2-methylbutane (TAME)	BDL	5	Trichloroethene	BDL	5
1,2-Dichloropropane	BDL	5	Dibromomethane	BDL	5
Methyl methacrylate	BDL	5	Bromodichloromethane	BDL	5
cis-1,3-Dichloropropene	BDL	5	trans-1,3-Dichloropropene	BDL	5
4-Methyl-2-pentanone (MIBK)	BDL	25	1,1,2-Trichloroethane	BDL	5
Dibromochloromethane	BDL	5	Toluene	16	5
Tetrachloroethene	BDL	5	1,3-Dichloropropane	BDL	5
2-Hexanone	BDL	25	1,2-Dibromoethane	BDL	5
Chlorobenzene	BDL	5	1,1,1,2-Tetrachloroethane	BDL	5
Ethylbenzene	192	5	m/p-Xylenes	111	5
o-Xylene	150	5	Styrene	BDL	5
Bromoform	BDL	5	Isopropylbenzene	18	5
1,1,2,2-Tetrachloroethane	BDL	5	1,2,3-Trichloropropane	BDL	5
Bromobenzene	BDL	5	n-Propylbenzene	19	5
o-Chlorotoluene	BDL	5	p-Chlorotoluene	BDL	5
1,3,5-Trimethylbenzene	59	5	tert-Butylbenzene	BDL	5
1,2,4-Trimethylbenzene	197	5	sec-Butylbenzene	BDL	5
1,3-Dichlorobenzene	BDL	5	p-Isopropyltoluene	6.2	5
1,4-Dichlorobenzene	BDL	5	1,2-Dichlorobenzene	10	5
n-Butylbenzene	BDL	5	1,2-Dibromo-3-chloropropane	BDL	5
1,2,4-Trichlorobenzene	BDL	5	Hexachlorobutadiene	BDL	5
Naphthalene	18	5	1,2,3-Trichlorobenzene	BDL	5

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Sample screened for 1,4-dioxane; 1,4-dioxane not detected @ 100ppb.

Report Comments: See attached TIC Report.

Measure date: 26-SEP-03

Authorized Signature:

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Tentatively Identified Compounds

Sample ID: SH-43s
Lab ID: A64646-7
Date Analyzed: 26-Sep-03

Compound Name	CAS #	Est. Conc. ug/L
1,1,2-trichloro-1,2,2-trifluoroethane	000076-13-1	16
1-ethyl-2-methylbenzene	000611-14-3	64
1-ethenyl-4-methylbenzene	000622-97-9	11
1,2,3-trimethylbenzene	00526-73-8	104
Indane	000496-11-7	55
Indene	000095-13-6	60
1-methyl-2-(1-methylethyl)benzene	000527-84-4	19
1-methyl-Indan	000767-58-8	14
1,2,3,4-tetramethylbenzene	000488-23-3	12
(1-methyl-1-propenyl-) Benzene	000768-00-3	20

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64646-8
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 13:30

Log in Date : 09/23/2003
Completion Date: 09/30/2003

Site : PLAISTOW
Collectby : S PERKINS/ L DESMARIS
Locator : SH-43S DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	5	Chloromethane	BDL	5
Vinyl chloride	46	5	Bromomethane	BDL	5
Chloroethane	13	5	Trichlorofluoromethane	BDL	5
Diethyl ether	BDL	5	1,1-Dichloroethene	BDL	5
Acetone	BDL	25	Carbon disulfide	BDL	5
Methylene chloride	BDL	5	tert-Butanol (TBA)	BDL	25
trans-1,2-Dichloroethene	5.9	5	Methyl-t-butyl ether (MTBE)	BDL	5
1,1-Dichloroethane	30	5	Diisopropyl ether (DIPE)	BDL	5
Ethyl-t-butyl ether (ETBE)	BDL	5	2,2-Dichloropropane	BDL	5
cis-1,2-Dichloroethene	228	5	2-Butanone (MEK)	BDL	25
Bromochloromethane	BDL	5	Chloroform	BDL	5
Tetrahydrofuran(THF)	BDL	25	1,1-Dichloropropene	BDL	5
Carbon tetrachloride	BDL	5	Benzene	18	5
1,2-Dichloroethane	BDL	5	1,1,1-Trichloroethane	42	5
2-Methoxy-2-methylbutane (TAME)	BDL	5	Trichloroethene	BDL	5
1,2-Dichloropropane	BDL	5	Dibromomethane	BDL	5
Methyl methacrylate	BDL	5	Bromodichloromethane	BDL	5
cis-1,3-Dichloropropene	BDL	5	trans-1,3-Dichloropropene	BDL	5
4-Methyl-2-pentanone (MIBK)	BDL	25	1,1,2-Trichloroethane	BDL	5
Dibromochloromethane	BDL	5	Toluene	17	5
Tetrachloroethene	BDL	5	1,3-Dichloropropane	BDL	5
2-Hexanone	BDL	25	1,2-Dibromoethane	BDL	5
Chlorobenzene	BDL	5	1,1,1,2-Tetrachloroethane	BDL	5
Ethylbenzene	194	5	m/p-Xylenes	111	5
o-Xylene	150	5	Styrene	BDL	5
Bromoform	BDL	5	Isopropylbenzene	18	5
1,1,2,2-Tetrachloroethane	BDL	5	1,2,3-Trichloropropane	BDL	5
Bromobenzene	BDL	5	n-Propylbenzene	19	5
o-Chlorotoluene	BDL	5	p-Chlorotoluene	BDL	5
1,3,5-Trimethylbenzene	59	5	tert-Butylbenzene	BDL	5
1,2,4-Trimethylbenzene	196	5	sec-Butylbenzene	BDL	5
1,3-Dichlorobenzene	BDL	5	p-Isopropyltoluene	6.3	5
1,4-Dichlorobenzene	BDL	5	1,2-Dichlorobenzene	11	5
n-Butylbenzene	BDL	5	1,2-Dibromo-3-chloropropane	BDL	5
1,2,4-Trichlorobenzene	BDL	5	Hexachlorobutadiene	BDL	5
Naphthalene	55	5	1,2,3-Trichlorobenzene	BDL	5

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4-DIOXANE

Analyst Comments: Sample screened for 1,4-dioxane; 1,4-dioxane not detected @ 100ppb.

Report Comments: See attached TIC report.

Measure date: 26-SEP-03

Authorized Signature:

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Tentatively Identified Compounds

Sample ID: SH-43s Dupl
Lab ID: A64646-8
Date Analyzed: 26-Sep-03

Compound Name	CAS #	Est. Conc. ug/L
1,1,2-trichloro-1,2,2-trifluoroethane	000076-13-1	16
1-ethyl-2-methylbenzene	000611-14-3	84
1,2,3-trimethylbenzene	00526-73-8	104
Indane	000496-11-7	56
Indene	000095-13-6	70
1-methyl-3-(1-methylethyl)benzene	000535-77-3	20
1-methyl-Indan	000767-58-8	14
1,2,3,4-tetramethylbenzene	000488-23-3	12
1-Phenyl-1-butane	000824-90-8	36
1,2,3,4-tetrahydronaphthalene	000119-64-2	17

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024451-IN
INVOICE DATE: 09/30/03
DUE DATE: 10/30/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
18260	A64646-1 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64646-2 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64646-3 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64646-4 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64646-5 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64646-6 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64646-7 VOA-8260 AQUEOUS	1.000	100.00	100.00
18260	A64646-8 VOA-8260 AQUEOUS	1.000	100.00	100.00

REVIEW THIS INVOICE THOROUGHLY; MAKE ALL CHANGES
BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND

Invoice Total: 800.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 800.00

Project Number: 04-0007307

Invoice Number: 0024451

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

4

Program/Client ID: In-House EPA #/Project #: 04-000-7307 System Name: Beede Site/Town: Plaistow, NH Contact: Leah Desmarais x 0697

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Total Fe	Total Mn					Other / Notes	Lab ID # (For Lab Use Only)
AE-14	9/22/03 11:34	1	AQ	✓	✓						A64645-1 09/22 11:34
AE-20	15:10		AQ								A64645-2 09/22 15:10
SH-4S	15:00		AQ								A64645-3 09/22 15:00
SH-4I	17:15		AQ								A64645-4 09/22 17:15
SH-4D	14:15		AQ								A64645-5 09/22 14:15
SH-43S	13:25		AQ								A64645-6 09/22 13:25
SH-43Sdup	13:30	✓	AQ	✓	✓						A64645-7 09/22 13:30
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By Leah Desmarais Date and Time 9/22/03 21:05 Received By locked storage

Relinquished By locked storage PS Date and Time 9/23/03 8:~ **Received For Laboratory By** PS

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Page 1 **of** 1

Data Reviewed By Garry Haworth Date 10-20-03
Inorganics Supervisor

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

BEEDE WELLS

Site # 04-000-7307

VOCs	
63 samples	
AE-1	SH-22S
AE-2	SH-22D
AE-4	SH-22R
AE-10	SH-23S
AE-12	SH-23I
AE-14	SH-23D
AE-17S	SH-24S
AE-17D	SH-24I
AE-18S	SH-24D
AE-18D	SH-25S
AE-20	SH-25I
AE-21	SH-25D
AE-22	SH-26S
	SH-27S
SH-2S	SH-33S
SH-2I	SH-38S
SH-2D	SH-41S
SH-3S	SH-43S
SH-3I	SH-44S
SH-3D	SH-53S
SH-4S	SH-54S
SH-4I	SH-56S
SH-4D	SH-57S
SH-12S	SH-43S dup
SH-13D	WP-4
SH-15S	WP-10
SH-15I	WP-12
SH-15D	WP-14
SH-19S	WP-15
SH-19I	WP-17
SH-19D	WP-18
SH-21S	
SH-21I	
SH-21D	

Natural Attenuation *
32 samples
AE-2
AE-10
AE-12
AE-14
AE-17S
AE-17D
AE-18S
AE-18D
AE-20
SH-2S
SH-2I
SH-2D
SH-3S
SH-3I
SH-3D
SH-4S
SH-4I
SH-4D
SH-13D
SH-15S
SH-15I
SH-22S
SH-22D
SH-22R
SH-23S
SH-23I
SH-23D
SH-24S
SH-24I
SH-24D
SH-43S
SH-53S
SH-43S dup

* Natural Attenuation Parameters = Fe, Mn, TKN, Chloride, Sulfate, Nitrate, and Alkalinity

Samplers: Sharon G. Perkins
Leah Desmarais

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank				Project (EPA) #_____ Temperature 4.0 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage,** and volume) Do VOA's or Radon have **air bubbles**?	✓			in DES frig overnight
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** **Mail**
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?				Number of Coolers_____ **Ice** **Cold Packs(s)** **Nothing** locked storage (frig)
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason_____				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: _____

AG4645-1

Completed By: B **Date:** 9/23/03

NA = Not Applicable

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64645-1
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 16:34
Log in Date : 09/23/2003 08:11
Completion Date: 10/19/2003
Misc ID :

Locator : AE-14
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	<.05	mg/L	.05	200
MANGANESE	<.01	mg/L	.01	200

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64645-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 15:10
Log in Date : 09/23/2003 08:11
Completion Date: 10/19/2003
Misc ID :

Locator : AE-20
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	3.15	mg/L	.05	200
MANGANESE	<.01	mg/L	.01	200

Authorized Signature: Garry Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64645-3
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 15:00
Log in Date : 09/23/2003 08:11
Completion Date: 10/19/2003
Misc ID :

Locator : SH-4S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	**37.4**	mg/L	.05	200
MANGANESE	**.781**	mg/L	.01	200

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64645-4
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 17:15
Log in Date : 09/23/2003 08:11
Completion Date: 10/19/2003
Misc ID :

Locator : SH-4I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	3.2	mg/L	.05	200
MANGANESE	.033	mg/L	.01	200

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64645-5
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 14:15
Log in Date : 09/23/2003 08:11
Completion Date: 10/19/2003
Misc ID :

Locator : SH-4D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	**.336**	mg/L	.05	200
MANGANESE	**.297**	mg/L	.01	200

Authorized Signature: Garry A Haworth Jr
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64645-6
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 13:25
Log in Date : 09/23/2003 08:11
Completion Date: 10/19/2003
Misc ID :

Locator : SH-43S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	**48.5**	mg/L	.05	200
MANGANESE	**1.5**	mg/L	.01	200

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64645-7
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 13:30
Log in Date : 09/23/2003 08:11
Completion Date: 10/19/2003
Misc ID :

Locator : SH-43S DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	**48.6**	mg/L	.05	200
MANGANESE	**1.5**	mg/L	.01	200

Authorized Signature: Garry A Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024573-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64645-1			
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1FE	IRON AQUEOUS	1.000	12.00	12.00
	A64645-2			
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1FE	IRON AQUEOUS	1.000	12.00	12.00
	A64645-3			
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1FE	IRON AQUEOUS	1.000	12.00	12.00
	A64645-4			
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1FE	IRON AQUEOUS	1.000	12.00	12.00
	A64645-5			
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1FE	IRON AQUEOUS	1.000	12.00	12.00
	A64645-6			
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1FE	IRON AQUEOUS	1.000	12.00	12.00
	A64645-7			
1MN	MANGANESE AQUEOUS	1.000	12.00	12.00
1FE	IRON AQUEOUS	1.000	12.00	12.00
	REVIEW THIS INVOICE THOROUGHLY; MAKE ALL CHANGES BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND			
			Invoice Total:	168.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 168.00

Project Number: 04-0007307

Invoice Number: 0024573

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

4

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 **System Name:** Beede **Site/Town:** Plaistow, NH **Contact:** Leah Desmarais x 0697

Comments: 48 hour holding time! Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Chloride	Sulfate	Nitrate	Alkalinity	TKN				Other / Notes	Lab ID # (For Lab Use Only)
AE-14	9/22/03 16:34	2	AQ	✓	✓	✓	✓	✓					A64644-1 09/22 16:34
AE-20	15:10		AQ										A64644-2 09/22 15:10
SH-4S	15:00		AQ										A64644-3 09/22 15:00
SH-4I	17:15		AQ										A64644-4 09/22 17:15
SH-4D	14:15		AQ										A64644-5 09/22 14:15
SH-43S	13:25		AQ										A64644-6 09/22 13:25
SH-43Sdup	13:30	↓	AQ					↓					A64644-7 09/22 13:30
AE-18D	↓ 17:15	1	AQ	↓	↓	↓	↓						A64644-8 09/22 17:15
~~AE-18S dup~~ LD			AQ										
~~AE-18~~ LD			AQ										
			AQ										
			AQ										

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By Leah Desmarais Date and Time 9/22/03 21:05 Received By Locked Storage

Relinquished By Locked storage A Date and Time 9/23/03 8:00 **Received For Laboratory By** RS

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Page 1 **of** 1 Data Reviewed By _____ Date 10.22.03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank				Project (EPA) #_____ Temperature 4.0 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume) Do VOA's or Radon have **air bubbles**?	✓			in DES frig overnight
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** **Mail**
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?				Number of Coolers_____ **Ice** **Cold Packs(s)** **Nothing** locked storage (frig)
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason_____				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample:

Completed By: _____ **Date:** 9/23/03

A64644-1
09/22 16:34

NA = Not Applicable

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64644-1
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 16:34
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : AE-14
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	14.9	mg/L		310.1
CHLORIDE	3	mg/L	3	325.2
NITRATE-N	1.02	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	4	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

NHDES

Results of Laboratory Analysis

Sample #: A64644-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 15:10
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : AE-20
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	3.3	mg/L		310.1
CHLORIDE	8	mg/L	3	325.2
NITRATE-N	.21	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	2	mg/L	1	300.0

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64644-3
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 15:00
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : SH-4S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**43.9**	mg/L		310.1
CHLORIDE	**8**	mg/L	3	325.2
NITRATE-N	**.05**	mg/L	.05	353.2
NITROGEN,TKN	**.8**	mg/L	.25	351.2
SULFATE	**14**	mg/L	1	300.0

Authorized Signature: Garry Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64644-4
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 17:15
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : SH-4I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	60.2	mg/L		310.1
CHLORIDE	9	mg/L	3	325.2
NITRATE-N	.42	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	6	mg/L	1	300.0

Authorized Signature: Garry Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64644-5
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 14:15
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : SH-4D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**25.4**	mg/L		310.1
CHLORIDE	**27**	mg/L	3	325.2
NITRATE-N	**<0.05**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**26**	mg/L	1	300.0

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

NHDES

Results of Laboratory Analysis

Sample #: A64644-6
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 13:25
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : SH-43S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	53.3	mg/L		310.1
CHLORIDE	8	mg/L	3	325.2
NITROGEN,NO3+NO2	<0.05	mg/L	.05	353.2
NITROGEN,TKN	.5	mg/L	.25	351.2
SULFATE	5	mg/L	1	300.0

Report Comments: NO3 + NO2 from preserved sample due to color and odor

Authorized Signature: Garry Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64644-6
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 13:25
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : SH-43S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	53.3	mg/L		310.1
CHLORIDE	8	mg/L	3	325.2
NITROGEN,NO3+NO2	<0.05	mg/L	.05	353.2
NITROGEN,TKN	.5	mg/L	.25	351.2
SULFATE	5	mg/L	1	300.0

Report Comments: NO3 + NO2 from preserved sample due to color and odor

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64644-7
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/22/2003 13:30
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : SH-43S DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	54.3	mg/L		310.1
CHLORIDE	8	mg/L	3	325.2
NITROGEN,NO3+NO2	.06	mg/L	.05	353.2
NITROGEN,TKN	.3	mg/L	.25	351.2
SULFATE	5	mg/L	1	300.0

Report Comments: NO3 + NO2 from preserved sample due to color and odor

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64644-7
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 13:30
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : SH-43S DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	54.3	mg/L		310.1
CHLORIDE	8	mg/L	3	325.2
NITROGEN,NO3+NO2	.06	mg/L	.05	353.2
NITROGEN,TKN	.3	mg/L	.25	351.2
SULFATE	5	mg/L	1	300.0

Report Comments: NO3 + NO2 from preserved sample due to color and odor

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A64644-8
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 09/22/2003 17:15
Log in Date : 09/23/2003 08:06
Completion Date: 10/21/2003
Misc ID :

Locator : AE-18D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/ L DESMARIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**50.4**	mg/L		310.1
CHLORIDE	**19**	mg/L	3	325.2
NITRATE-N	**<0.05**	mg/L	.05	353.2
SULFATE	**11**	mg/L	1	300.0

Authorized Signature: Garry A Haworth.

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024607-IN
INVOICE DATE: 10/21/03
DUE DATE: 11/20/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64644-1			
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64644-2			
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64644-3			
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64644-4			
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	BALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
			Invoice Total:	

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$

Project Number: 04-0007307

Invoice Number: 0024607

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

CONTINUED

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024607-IN
INVOICE DATE: 10/21/03
DUE DATE: 11/20/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A64644-5			
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64644-6			
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64644-7			
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A64644-8			
1CL	CHLORIDE AQUEOUS	1.000	7.00	7.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN,NITRATE-N AQUEOUS	1.000	7.00	7.00
1ALKAL	BALKALINITY AQUEOUS	1.000	17.00	17.00
			Invoice Total:	623.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 623.00

Project Number: 04-0007307

Invoice Number: 0024607

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 System Name: Beede Site/Town: Plaistow, NH Contact: Leah Desmarais x 0697 2C

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	1,4 dioxane				Other / Notes	Lab ID # (For Lab Use Only)
TRIP BLANK	10/7/03 07:02	2	AQ	✓	✓					A65383-1 10/07 07:02
AE-1	11:55		AQ							A65383-2 10/07 11:55
AE-2	13:20		AQ							A65383-3 10/07 13:20
AE-2 dup	13:25		AQ							A65383-4
SH-12S	13:43		AQ							A65383-5 10/07 13:43
SWWP-4	09:35		AQ							A65383-6 10/07 09:35
SWWP-10	14:55		AQ							A65383-7 10/07 14:55
SWWP-12	14:47		AQ							A65383-8 10/07 14:47
WP-14	11:47		AQ							A65383-9 10/07 11:47
SWWP-15	10:35		AQ							A65383-10
SWWP-17	15:35		AQ	✓	✓					A65383-11 10/07 15:35
			AQ							

Preservation: HCL and ice

Relinquished By Leah Desmarais Date and Time 10/7/03 17:30 Received By Locked Storage

Relinquished By Locked Storage Date and Time 10/8/03 12:20 **Received For Laboratory By** TW

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Page 1 **of** 1

Data Reviewed By _____ Date 10-15-03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

BEEDE WELLS

Site # 04-000-7307

VOCs	
63 samples	
AE-1	SH-22S
AE-2	SH-22D
AE-4	SH-22R
AE-10	SH-23S
AE-12	SH-23I
AE-14	SH-23D
AE-17S	SH-24S
AE-17D	SH-24I
AE-18S	SH-24D
AE-18D	SH-25S
AE-20	SH-25I
AE-21	SH-25D
AE-22	SH-26S
	SH-27S
SH-2S	SH-33S
SH-2I	SH-38S
SH-2D	SH-41S
SH-3S	SH-43S
SH-3I	SH-44S
SH-3D	SH-53S
SH-4S	SH-54S
SH-4I	SH-56S
SH-4D	SH-57S
SH-12S	
SH-13D	SW WP-4
SH-15S	SW WP-10
SH-15I	SW WP-12
SH-15D	WP-14
SH-19S	SW WP-15
SH-19I	SW WP-17
SH-19D	WP-18
SH-21S	
SH-21I	
SH-21D	

Natural Attenuation *
32 samples
AE-2 +dup
AE-10
AE-12
AE-14
AE-17S
AE-17D
AE-18S
AE-18D
AE-20
SH-2S
SH-2I
SH-2D
SH-3S
SH-3I
SH-3D
SH-4S
SH-4I
SH-4D
SH-13D
SH-15S
SH-15I
SH-22S
SH-22D
SH-22R
SH-23S
SH-23I
SH-23D
SH-24S
SH-24I
SH-24D
SH-43S
SH-53S

* Natural Attenuation Parameters = Fe, Mn, TKN, Chloride, Sulfate, Nitrate, and Alkalinity

Samplers: Sharon G. Perkins
Leah Desmarais

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank	✓			Project (EPA) # 04-000730 Temperature 2 °C from refridgerator
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume) Do VOA's or Radon have **air bubbles**?	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** **Mail** to Cooler Storage
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?			✓	Number of Coolers_____ **Ice** **Cold Packs(s)** **Nothing**
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason_____				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: _____

A65383-1
10/07 07:00

Completed By: _____ **Date:** 10-08-03

NA – Not Applicable

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 07:02

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : TRIP BLANK
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 08-OCT-03

Authorized Signature: Laura L. Bonnette

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 11:55

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : AE-1
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 09-OCT-03

Authorized Signature: Lucas A. Bonnette

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-3
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 13:20

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : AE-2
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	6.5	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	4.1	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	3.4	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Report Comments: See attached TIC report.

Measure date: 08-OCT-03

Luca L. Barnilla

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Tentatively Identified Compounds

Sample ID: AE-2
Lab ID: A65383-3
Date Analyzed: 8-Oct-03
Dilution: 1

Compound Name	CAS #	Est. Conc. ug/L
1,2,3-trimethylbenzene	000526-73-8	30
Indane	000496-11-7	11
1-methyl-Indan	000767-58-8	12
1,2,3,5-tetramethylbenzene	000527-53-7	6.2
1-Phenyl-1-butene	000824-90-8	18
(3-methyl-2-butenyl)-benzene	004489-84-3	3.3
2,3-dihydro-1,6-dimethyl-1H-Indene	017059-48-2	6.2
1,2,3,4-tetrahydro-2-methyl-naphthalene	003877-1908	4.1
1,2,3,4-tetrahydro-1-methyl-naphthalene	001559-81-5	5.2
1,2,3,4-tetrahydro-6-methyl-naphthalene	001680-51-9	6.5

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-4
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 13:25

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : AE-2 DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	6.2	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	4.2	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	3.6	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Report Comments: See attached TIC report.

Measure date: 08-OCT-03

Lucas A. Bonnilla

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Tentatively Identified Compounds

Sample ID: AE-2 Dup
Lab ID: A65383-4
Date Analyzed: 8-Oct-03
Dilution: 1

Compound Name	CAS #	Est. Conc. ug/L
1,2,3-trimethylbenzene	000526-73-8	28
Indane	000496-11-7	10
1-methyl-Indan	000767-58-8	10
1,2,3,4-tetramethylbenzene	000488-23-3	6.2
1-Phenyl-1-butene	000824-90-8	15
1,2,3,4-tetrahydronaphthalene	00119-64-2	3.4
2,3-dihydro-1,2-dimethyl-1H-Indene	017057-82-8	6.4
1,2,3,4-tetrahydro-2-methylnaphthalene	003877-19-8	4.5
1,2,3,4-tetrahydro-1-methylnaphthalene	00155-81-5	6.2
1,2,3,4-tetrahydro-6-methylnaphthalene	001680-51-9	6.2

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-5
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 13:43

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-12S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 08-OCT-09

Authorized Signature: ____________

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-6
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 09:35

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SWWP-4
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 09-OCT-03

Authorized Signature: Laura L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-7
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 14:55

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SWWP-10
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	3	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 08-OCT-03

Authorized Signature: Laura A. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-8
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 14:47

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SWWP-12
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	3.3	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 09-OCT-03

Authorized Signature: Linda L. Beaudette

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-9
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 11:47

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : WP-14
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 09-OCT-03

Authorized Signature: [signature]

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-10
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 10:35

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SWWP-15
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 09-OCT-03

Authorized Signature: Laura L. Bosworth

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65383-11
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/07/2003 15:35

Log in Date : 10/08/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SWWP-17
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 09-OCT-03

Authorized Signature: Lucas L. Barnaby

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024556-IN
INVOICE DATE: 10/14/03
DUE DATE: 11/13/03

NHDES

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A65383-1			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-10			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-11			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-2			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-3			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-4			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-5			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-6			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-7			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-8			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65383-9			
18260	RVOA-8260 AQUEOUS	1.000	120.00	120.00
	BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND			
			Invoice Total:	1,320.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 1,320.00

Project Number: 04-0007307

Invoice Number: 0024556

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 System Name: Beede Site/Town: Plaistow, NH Contact: Leah Desmarais x 0697

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	1,4 dioxane				Other / Notes	Lab ID # (For Lab Use Only)
TRIP BLANK	9/29/03 07:00	2	AQ	✓	✓					A65120-1 09/29 07:00
AE-4	10/1/03 09:50		AQ							A65120-2 10/01 09:50
AE-12	12:05		AQ							A65120-3 10/01 12:05
AE-12 dup	12:10		AQ							A65120-4 10/01 12:10
AE-21	11:30		AQ							A65120-5 10/01 11:30
AE-22	12:55		AQ							KSB 10-7-03 A65120-6 24
SH-19I	9/30/03 11:15		AQ							A65120-7
SH-19D	09:50		AQ							09/30 09:50 A65120-8
SH-21S	12:43		AQ							A65120-9
SH-25S	11:50		AQ							A65120-10 09/30 11:50
SH-25I	10:20		AQ							A65120-11 09/30 10:20
SH-25D	13:15		AQ							A65120-12 09/30 13:15

Preservation: HCL and ice

Relinquished By Leah Desmarais Date and Time 10/1/03 15:05 Received By Locked Storage

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Relinquished By Storage Date and Time 10/2/03 800 **Received For Laboratory By** WS

Page 1 **of** 2 Data Reviewed By _____ Date 10-15-03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 System Name: Beede Site/Town: Plaistow, NH Contact: Leah Desmarais x 0697

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	1,4 dioxane				Other / Notes	Lab ID # (For Lab Use Only)
SH-26S	9/29/03 12:55	2	AQ	✓	✓					A65120-13 09/29 12:55
SH-27S	9/30/03 14:50		AQ							A65120-14 09/30 14:50
SH-33S	10/1/03 10:20		AQ							A65120-15 10/01 10:20
SH-38S	9/29/03 12:05		AQ							A65120-16 09/29 12:05
SH-41S	" 10:55		AQ							A65120-17 09/29 10:55
SH-44S	" 11:30		AQ							A65120-18 09/29 11:30
SH-47S	9/29/03 13:20		AQ							A65120-19 09/29 13:20
SH-48S	" 13:05		AQ							A65120-20 09/29 13:05
SH-56S	" 13:18		AQ							A65120-21 09/29 13:18
SH-57S	10/1/03 13:40		AQ							A65120-22 10/01 13:40
WP-18	9/30/03 15:30		AQ							A65120-23 09/30 15:30
			AQ							

Preservation: HCL and ice

Relinquished By Leah Desmarais Date and Time 10/1/03 15:05 Received By Locked Storage

Relinquished By Storage Date and Time 10/2/03 800 **Received For Laboratory By** WS

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Page 2 **of** 2 Data Reviewed By _____ Date 10-15-03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank	✓			Project (EPA) #_____ Temperature 4 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume) Do VOA's or Radon have **air bubbles**?	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** **Mail**
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?	✓			Number of Coolers_____ ✓ **Ice** **Cold Packs(s)** left in refrig. **Nothing**
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason_____				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: A65120-1 09/29 07:00

Completed By: WP **Date:** 10/2/03

NA = Not Applicable

BEEDE WELLS

Site # 04-000-7307

VOCs	
63 samples	
AE-1	SH-22S
AE-2	SH-22D
AE-4	SH-22R
AE-10	SH-23S
AE-12	SH-23I
AE-14	SH-23D
AE-17S	SH-24S
AE-17D	SH-24I
AE-18S	SH-24D
AE-18D	SH-25S
AE-20	SH-25I
AE-21	SH-25D
AE-22	SH-26S
AE-12 dup	SH-27S
SH-2S	SH-33S
SH-2I	SH-38S
SH-2D	SH-41S
SH-3S	SH-43S
SH-3I	SH-44S
SH-3D	SH-53S
SH-4S	SH-54S
SH-4I	SH-56S
SH-4D	SH-57S
SH-12S	
SH-13D	WP-4
SH-15S	WP-10
SH-15I	WP-12
SH-15D	WP-14
SH-19S	WP-15
SH-19I	WP-17
SH-19D	WP-18
SH-21S	
SH-21I	SH-47S
SH-21D	SH-48S

Natural Attenuation *
32 samples
AE-2
AE-10
AE-12
AE-14
AE-17S
AE-17D
AE-18S
AE-18D
AE-20
AE-12 dup
SH-2S
SH-2I
SH-2D
SH-3S
SH-3I
SH-3D
SH-4S
SH-4I
SH-4D
SH-13D
SH-15S
SH-15I
SH-22S
SH-22D
SH-22R
SH-23S
SH-23I
SH-23D
SH-24S
SH-24I
SH-24D
SH-43S
SH-53S

* Natural Attenuation Parameters = Fe, Mn, TKN, Chloride, Sulfate, Nitrate, and Alkalinity

Samplers: Sharon G. Perkins
Leah Desmarais

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/29/2003 07:00

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : TRIP BLANK
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Benzene	BDL	2	1,2-Dichloroethane	BDL	2
1,1,1-Trichloroethane	BDL	2	2-Methoxy-2-methylbutane (TAME)	BDL	2
Trichloroethene	BDL	2	1,2-Dichloropropane	BDL	2
Dibromomethane	BDL	2	Carbon tetrachloride	BDL	2
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 07-OCT-03

Authorized Signature: Laura L. Bonneville

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 09:50

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : AE-4
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	38	2	m/p-Xylenes	69	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	12	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	18	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	36	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	117	2	sec-Butylbenzene	6.5	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	5.8	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	78	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100ug/L.

Report Comments: See attached TIC report.

Measure date: 06-OCT-03

Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Tentatively Identified Compounds

Sample ID: AE-4
Lab ID: A65120-2
Date Analyzed: 6-Oct-03
Dilution: 1

Compound Name	CAS #	Est. Conc. ug/L
1-ethyl-2-methylbenzene	00611-14-3	56
1-ethyl-4-methylbenzene	000622-96-8	65
1,2,3-trimethylbenzene	000526-73-8	79
Indane	000496-11-7	38
2-ethyl-1,4-dimethylbenzene	001758-88-9	32
1-methyl-2-(1-methylethyl)benzene	000527-84-4	26
1-Phenyl-1-butene	000824-90-8	27
1-ethyl-3,5-dimethylbenzene	000934-74-7	23
2-butenylbenzene	001560-06-1	59
1,2,3,4-tetrahydronaphthalene	000119-64-2	42

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-3
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 12:05

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : AE-12
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	5	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	8.8	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Laura L. Barnville

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-4
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 12:10

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : AE-12 DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	5.1	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	9	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-02

Authorized Signature: Lucas R. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-5
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 11:30

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : AE-21
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Lucia L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-7
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/30/2003 11:15

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-19I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Lisa L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-8
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/30/2003 09:50

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-19D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Laura L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-9
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/30/2003 12:43

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-21S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Laura A. Brandt

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-10
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/30/2003 11:50

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-25S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: _____

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-11
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/30/2003 10:20

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-25I
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Susan L. Brunelle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-12
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/30/2003 13:15

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-25D
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Lucas R. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-13
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/29/2003 12:55

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-26S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Lucas A. Bonnette

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-14
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/30/2003 14:50

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-27S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Lucas A. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-15
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 10:20

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-33S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 06-OCT-03

Authorized Signature: Laura L. Bonnette

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-16
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/29/2003 12:05

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-38S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	39	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	7.4	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	2.9	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 07-OCT-03

Authorized Signature: Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-17
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/29/2003 10:55

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-41S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 07-OCT-03

Authorized Signature: Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-18
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/29/2003 11:30

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-44S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	4	Chloromethane	BDL	4
Vinyl chloride	24	4	Bromomethane	BDL	4
Chloroethane	5.3	4	Trichlorofluoromethane	BDL	4
Diethyl ether	BDL	4	1,1-Dichloroethene	BDL	4
Acetone	BDL	20	Carbon disulfide	BDL	4
Methylene chloride	BDL	4	tert-Butanol (TBA)	BDL	20
trans-1,2-Dichloroethene	8.2	4	Methyl-t-butyl ether (MTBE)	BDL	4
1,1-Dichloroethane	30	4	Diisopropyl ether (DIPE)	BDL	4
Ethyl-t-butyl ether (ETBE)	BDL	4	2,2-Dichloropropane	BDL	4
cis-1,2-Dichloroethene	352	4	2-Butanone (MEK)	BDL	20
Bromochloromethane	BDL	4	Chloroform	BDL	4
Tetrahydrofuran(THF)	BDL	20	1,1-Dichloropropene	BDL	4
Carbon tetrachloride	BDL	4	Benzene	6.9	4
1,2-Dichloroethane	BDL	4	1,1,1-Trichloroethane	49	4
2-Methoxy-2-methylbutane (TAME)	BDL	4	Trichloroethene	BDL	4
1,2-Dichloropropane	BDL	4	Dibromomethane	BDL	4
Methyl methacrylate	BDL	4	Bromodichloromethane	BDL	4
cis-1,3-Dichloropropene	BDL	4	trans-1,3-Dichloropropene	BDL	4
4-Methyl-2-pentanone (MIBK)	BDL	20	1,1,2-Trichloroethane	BDL	4
Dibromochloromethane	BDL	4	Toluene	BDL	4
Tetrachloroethene	BDL	4	1,3-Dichloropropane	BDL	4
2-Hexanone	BDL	20	1,2-Dibromoethane	BDL	4
Chlorobenzene	BDL	4	1,1,1,2-Tetrachloroethane	BDL	4
Ethylbenzene	BDL	4	m/p-Xylenes	BDL	4
o-Xylene	44	4	Styrene	BDL	4
Bromoform	BDL	4	Isopropylbenzene	BDL	4
1,1,2,2-Tetrachloroethane	BDL	4	1,2,3-Trichloropropane	BDL	4
Bromobenzene	BDL	4	n-Propylbenzene	BDL	4
o-Chlorotoluene	BDL	4	p-Chlorotoluene	BDL	4
1,3,5-Trimethylbenzene	BDL	4	tert-Butylbenzene	BDL	4
1,2,4-Trimethylbenzene	9.7	4	sec-Butylbenzene	BDL	4
1,3-Dichlorobenzene	BDL	4	p-Isopropyltoluene	BDL	4
1,4-Dichlorobenzene	BDL	4	1,2-Dichlorobenzene	BDL	4
n-Butylbenzene	BDL	4	1,2-Dibromo-3-chloropropane	BDL	4
1,2,4-Trichlorobenzene	BDL	4	Hexachlorobutadiene	BDL	4
Naphthalene	BDL	4	1,2,3-Trichlorobenzene	BDL	4

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 08-OCT-03

Authorized Signature: Laura L. Barnell

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-19
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/29/2003 13:20

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-47S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	51	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	8.3	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 08-OCT-03

Authorized Signature: Lucas L. Barnville

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-20
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/29/2003 13:05

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-48S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 07-OCT-03

Authorized Signature: Lucas A. Bonnette

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-21
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/29/2003 13:18

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-56S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 07-OCT-03

Authorized Signature: Lucas L. Barnaby

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-22
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 13:40

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : SH-57S
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 07-OCT-03

Authorized Signature: Linda L. Barnicle

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-23
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 09/30/2003 15:30

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : WP-18
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	3.8	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 07-OCT-03

Authorized Signature: Linda L. Barnaby

State of New Hampshire

Department of Environmental Services

6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095

(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65120-24
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 12:55

Log in Date : 10/02/2003
Completion Date: 10/14/03

Site : PLAISTOW
Collectby : S PERKINS/L DESMARAIS
Locator : AE-22
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	RDL	Analyte	Results	RDL
Dichlorodifluoromethane	BDL	2	Chloromethane	BDL	2
Vinyl chloride	BDL	2	Bromomethane	BDL	2
Chloroethane	BDL	2	Trichlorofluoromethane	BDL	2
Diethyl ether	BDL	2	1,1-Dichloroethene	BDL	2
Acetone	BDL	10	Carbon disulfide	BDL	2
Methylene chloride	BDL	2	tert-Butanol (TBA)	BDL	10
trans-1,2-Dichloroethene	BDL	2	Methyl-t-butyl ether (MTBE)	BDL	2
1,1-Dichloroethane	BDL	2	Diisopropyl ether (DIPE)	BDL	2
Ethyl-t-butyl ether (ETBE)	BDL	2	2,2-Dichloropropane	BDL	2
cis-1,2-Dichloroethene	BDL	2	2-Butanone (MEK)	BDL	10
Bromochloromethane	BDL	2	Chloroform	BDL	2
Tetrahydrofuran(THF)	BDL	10	1,1-Dichloropropene	BDL	2
Carbon tetrachloride	BDL	2	Benzene	BDL	2
1,2-Dichloroethane	BDL	2	1,1,1-Trichloroethane	BDL	2
2-Methoxy-2-methylbutane (TAME)	BDL	2	Trichloroethene	BDL	2
1,2-Dichloropropane	BDL	2	Dibromomethane	BDL	2
Methyl methacrylate	BDL	2	Bromodichloromethane	BDL	2
cis-1,3-Dichloropropene	BDL	2	trans-1,3-Dichloropropene	BDL	2
4-Methyl-2-pentanone (MIBK)	BDL	10	1,1,2-Trichloroethane	BDL	2
Dibromochloromethane	BDL	2	Toluene	BDL	2
Tetrachloroethene	BDL	2	1,3-Dichloropropane	BDL	2
2-Hexanone	BDL	10	1,2-Dibromoethane	BDL	2
Chlorobenzene	BDL	2	1,1,1,2-Tetrachloroethane	BDL	2
Ethylbenzene	BDL	2	m/p-Xylenes	BDL	2
o-Xylene	BDL	2	Styrene	BDL	2
Bromoform	BDL	2	Isopropylbenzene	BDL	2
1,1,2,2-Tetrachloroethane	BDL	2	1,2,3-Trichloropropane	BDL	2
Bromobenzene	BDL	2	n-Propylbenzene	BDL	2
o-Chlorotoluene	BDL	2	p-Chlorotoluene	BDL	2
1,3,5-Trimethylbenzene	BDL	2	tert-Butylbenzene	BDL	2
1,2,4-Trimethylbenzene	BDL	2	sec-Butylbenzene	BDL	2
1,3-Dichlorobenzene	BDL	2	p-Isopropyltoluene	BDL	2
1,4-Dichlorobenzene	BDL	2	1,2-Dichlorobenzene	BDL	2
n-Butylbenzene	BDL	2	1,2-Dibromo-3-chloropropane	BDL	2
1,2,4-Trichlorobenzene	BDL	2	Hexachlorobutadiene	BDL	2
Naphthalene	BDL	2	1,2,3-Trichlorobenzene	BDL	2

EPA Method : SW-8260 Units: ug/L

Client's Comments: 1,4 DIOXANE

Analyst Comments: Samples screened for 1,4-Dioxane. 1,4-Dioxane not detected at 100 ug/L.

Measure date: 07-OCT-03

Authorized Signature: [signature]

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024555-IN
INVOICE DATE: 10/14/03
DUE DATE: 11/13/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
18260	A65120-1 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-10 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-11 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-12 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-13 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-14 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-15 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-16 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-17 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-18 VOA-8260 AQUEOUS	1.000	120.00	120.00
18260	A65120-19 RVOA-8260 AQUEOUS	1.000	120.00	120.00
18260	BA65120-2 VOA-8260 AQUEOUS	1.000	120.00	120.00
			Invoice Total:	120.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$

Project Number: 04-0007307

Invoice Number: 0024555

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

CONTINUED

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024555-IN
INVOICE DATE: 10/14/03
DUE DATE: 11/13/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A65120-20			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-21			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-22			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-23			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-24			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-3			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-4			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-5			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-7			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-8			
18260	VOA-8260 AQUEOUS	1.000	120.00	120.00
	A65120-9			
18260	RVOA-8260 AQUEOUS	1.000	120.00	120.00
	BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND			
			Invoice Total:	2,760.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 2,760.00

Project Number: 04-0007307

Invoice Number: 0024555

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 System Name: Beede Site/Town: Plaistow, NH Contact: Leah Desmarais x 0697

Comments: 48 hour holding time! Collected By & Phone# S. Perkins x 6805 and Leah Desmarais x 0697

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Chloride	Sulfate	Nitrate	Alkalinity	TKN				Other / Notes	Lab ID # (For Lab Use Only)
AE-12	10/1/03 12:05	2	AQ	✓	✓	✓	✓	✓					A65115-1 10/01 12:05
AE-12dup	10/1/03 12:10	2	AQ	✓	✓	✓	✓	✓					A65115-2 10/01 12:10
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By Leah Desmarais Date and Time 10/1/03 15:05 Received By Locked Storage

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Relinquished By Storage Date and Time 10/2/03 800 Received For Laboratory By WL

Page 1 of 1

Data Reviewed By Garry A Haworth Date 10.21.03

Garry Haworth
Inorganics Supervisor

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank	✓			Project (EPA) # 04666730? Temperature 4 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume) Do VOA's or Radon have **air bubbles**?	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** **Mail**
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?	✓			Number of Coolers 1 ✓ **Ice** **Cold Packs(s)** **Nothing**
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason				Date_____ Time_____ Initials
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: Date/Time Name of Staff Releasing Sample:

A65115-1
10/01 12:05

Completed By: WS **Date:** 10/2/03

NA = Not Applicable

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65115-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 12:05
Log in Date : 10/02/2003 09:19
Completion Date: 10/21/2003
Misc ID :

Locator : AE-12
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	**13.6**	mg/L		310.1
CHLORIDE	**3**	mg/L	3	325.2
NITRATE-N	**1.31**	mg/L	.05	353.2
NITROGEN,TKN	**<.25**	mg/L	.25	351.2
SULFATE	**6**	mg/L	1	300.0

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65115-2
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 12:10
Log in Date : 10/02/2003 09:19
Completion Date: 10/21/2003
Misc ID :

Locator : AE-12 DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	13.4	mg/L		310.1
CHLORIDE	3	mg/L	3	325.2
NITRATE-N	1.32	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	5	mg/L	1	300.0

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024608-IN
INVOICE DATE: 10/21/03
DUE DATE: 11/20/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A65115-1			
1CL	CHLORIDE AQUEOUS	1.000	10.00	10.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	10.00	10.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A65115-2			
1CL	CHLORIDE AQUEOUS	1.000	10.00	10.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	10.00	10.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00

REVIEW THIS INVOICE THOROUGHLY; MAKE ALL CHANGES
BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND

Invoice Total: 174.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 174.00

Project Number: 04-0007307

Invoice Number: 0024608

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 System Name: Beede Site/Town: Plaistow, NH Contact: Leah Desmarais x 0697

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Total Fe	Total Mn					Other / Notes	Lab ID # (For Lab Use Only)
AE-12	10/1/03 12:05	1	AQ	✓	✓						A65112-1 10/01 12:05
AE-12dup	10/1/03 12:10	1	AQ	✓	✓						A65112-2 10/01 12:10
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By LeahDesmarais Date and Time 10/1/03 15:05 Received By Locked Storage

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Relinquished By Storage Date and Time 10/2/03 8:00 **Received For Laboratory By** WS

Page 1 **of** 1

Data Reviewed By Garry Haworth Inorganics Supervisor Date 10-20-03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank	✓			Project (EPA) #_____ Temperature 4 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume) Do VOA's or Radon have **air bubbles**?	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** **Mail**
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?	✓			Number of Coolers_____ ✓ **Ice** **Cold Packs(s)** **Nothing** left in refrig.
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason_____				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: _____

105112-1

Completed By: WS **Date:** 10/2/03

NA = Not Applicable

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

NHDES

Results of Laboratory Analysis

Sample #: A65112-1
Category: IN HOUSE
Matrix : Aqueous
Collection Date: 10/01/2003 12:05
Log in Date : 10/02/2003 09:06
Completion Date: 10/19/2003
Misc ID :

Locator : AE-12
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	**.307**	mg/L	.05	200
MANGANESE	**.405**	mg/L	.01	200

Authorized Signature: Garry A Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

NHDES

Results of Laboratory Analysis

Sample #: A65112-2
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 10/01/2003 12:10
Log in Date : 10/02/2003 09:06
Completion Date: 10/19/2003
Misc ID :

Locator : AE-12 DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	.059	mg/L	.05	200
MANGANESE	.34	mg/L	.01	200

Authorized Signature: Garry Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
< = Less Than
pCi/L = pico Curies per Liter
RDL = Reporting Detection Limit
ug/L = micrograms per Liter
BDL = Below Detection Limit
mg/kg = milligrams per Kilogram
> = Greater Than
ug/kg = micrograms per Kilogram
P-A = Present/Absent

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024596-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A65112-1			
1FE	IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
	A65112-2			
1FE	IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00

REVIEW THIS INVOICE THOROUGHLY; MAKE ALL CHANGES
BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND

Invoice Total: 60.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 60.00

Project Number: 04-0007307

Invoice Number: 0024596

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

2C

Program/Client ID: In-House EPA #/Project #: 04-000-7307 **System Name:** Beede **Site/Town: Plaistow, NH** **Contact: Leah Desmarais x 0697**

Comments: _____ Collected By & Phone# **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Total Fe	Total Mn					Other / Notes	Lab ID # (For Lab Use Only)
AE-2	10/7/03 13.20	1	AQ	✓	✓						A65379-1 10/07 13:20
AE-2dup	10/7/03 ,3:25	1	AQ	✓	✓						A65379-2 10/07 13:25
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								
			AQ								

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By Leah Desmarais Date and Time 10/7/03 17.38 Received By Locked Storage

Relinquished By Locked Storage Date and Time 10-8-03 12:00 **Received For Laboratory By** T.W.

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Page 1 **of** _____ Data Reviewed By _____ Garry Haworth Inorganics Supervisor Date 10.20.03

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank	✓			Project (EPA) # OH-000 7307 Temperature 2 °C From Refridgerator TW
Condition of sample(s) acceptable? (Check for **leakage, breakage,** and volume) Do VOA's or Radon have **air bubbles**?	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				___ **Hand delivered or** To Locked Storage ___ **Mail**
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?			✓	Number of Coolers_____ ___ **Ice** ___ **Cold Packs(s)** ___ **Nothing**
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason_____				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: A 65379-1

Completed By: TW **Date:** 10-08-03

NA = Not Applicable

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

NHDES

Results of Laboratory Analysis

Sample #: A65379-1
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 10/07/2003 13:20
Log in Date : 10/08/2003 12:04
Completion Date: 10/19/2003
Misc ID :

Locator : AE-2
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	**8.11**	mg/L	.05	200
MANGANESE	**3.68**	mg/L	.05	200

Authorized Signature: Garry A Haworth
Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

NHDES

Results of Laboratory Analysis

Sample #: A65379-2
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 10/07/2003 13:25
Log in Date : 10/08/2003 12:04
Completion Date: 10/19/2003
Misc ID :

Locator : AE-2 DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	8	mg/L	.05	200
MANGANESE	3.65	mg/L	.05	200

Authorized Signature: Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024598-IN
INVOICE DATE: 10/19/03
DUE DATE: 11/18/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A65379-1			
1FE	IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
	A65379-2			
1FE	IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00

REVIEW THIS INVOICE THOROUGHLY; MAKE ALL CHANGES
BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND

Invoice Total: 60.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 60.00

Project Number: 04-0007307

Invoice Number: 0024598

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095

NH DES LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirements will be analyzed at the discretion of the NH DES Laboratory.)

Program/Client ID: In-House EPA #/Project #: 04-000-7307 **System Name:** Beede **Site/Town: Plaistow, NH** **Contact: Leah Desmarais x 0697** 2C

Comments: 48 hour holding time! **Collected By & Phone#** **S. Perkins x 6805 and Leah Desmarais x 0697**

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	Chloride	Sulfate	Nitrate	Alkalinity	TKN				Other / Notes	Lab ID # (For Lab Use Only)
AE-2	10/7/03 13:20	2	AQ	✓	✓	✓	✓	✓					A65380-1 10/07 13:20
AE-2 dup	10/7/03 13:25	2	AQ	✓	✓	✓	✓	✓					A65380-2 10/07 13:25
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										

Preservation: Fe/Mn (HNO3), TKN (H2SO4,Ice) others (Ice)

Relinquished By Leah Desmarais LW. Date and Time 10/7/03 17:30 Received By Locked Storage

Relinquished By Locked Storage Date and Time 10/8/03 12:00 **Received For Laboratory By** T.W.

Matrix: A= Air S= Soil AQ= Aqueous π Other: _____

Page 1 **of** 1

Data Reviewed By Garry Haworth Date 10·27·03

Garry Haworth
Inorganics Supervisor

Section No.: 22.0
Revision No.: 1 (HWRB)
Date: 1-17-01
Page 1 of 1

FOR LABORATORY USE ONLY

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current? **Temperature** of the sample or temperature blank	✓			Project (EPA) # 04-005750 T Temperature 2 °C from Refridg. T.W.
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume) Do VOA's or Radon have **air bubbles**?	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** To Locked Storage (Refridge) **Mail**
Was the sample(s) received in a **cooler**? How many coolers were received? What was used to lower the temp?			✓	Number of Coolers_____ **Ice** **Cold Packs(s)** **Nothing**
LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE				
Was the Client contacted by phone? Reason_____				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: _____

Completed By: ✓ (TW) **Date:** 10/8/03

NA = Not Applicable

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

NHDES

Results of Laboratory Analysis

Sample #: A65380-1
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 10/07/2003 13:20
Log in Date : 10/08/2003 12:06
Completion Date: 10/27/2003
Misc ID :

Locator : AE-2
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	37.5	mg/L		310.1
CHLORIDE	120	mg/L	3	325.2
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	.4	mg/L	.25	351.2
SULFATE	3	mg/L	1	300.0

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

State of New Hampshire
Department of Environmental Services
6 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3445/3446

Results of Laboratory Analysis

Sample #: A65380-2
Category: IN HOUSE

Matrix : Aqueous
Collection Date: 10/07/2003 13:25
Log in Date : 10/08/2003 12:06
Completion Date: 10/27/2003
Misc ID :

Locator : AE-2 DUP
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA, WMEB
Site : PLAISTOW
Collectby: S PERKINS/L DESMARAIS
Account #: 04-01-04
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	36.4	mg/L		310.1
CHLORIDE	120	mg/L	3	325.2
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	.5	mg/L	.25	351.2
SULFATE	3	mg/L	1	300.0

Authorized Signature: Garry A Haworth

Garry Haworth
Inorganics Supervisor

mg/L = milligrams per Liter
ug/L = micrograms per Liter
> = Greater Than
< = Less Than
BDL = Below Detection Limit
ug/kg = micrograms per Kilogram
pCi/L = pico Curies per Liter
mg/kg = milligrams per Kilogram
P-A = Present/Absent
RDL = Reporting Detection Limit

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
29 HAZEN DRIVE PO BOX 95
CONCORD, NH 03302-0095
(603) 271-3445

INVOICE NUMBER: 0024647-IN
INVOICE DATE: 10/27/03
DUE DATE: 11/26/03

Attn: RICHARD PEASE

INVOICE

BEEDE WASTE OIL- 2596
RIFS
PLAISTOW

Sales cd	Description	Quantity	Cost	Amount
	A65380-1			
1CL	CHLORIDE AQUEOUS	1.000	10.00	10.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	10.00	10.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00
	A65380-2			
1CL	CHLORIDE AQUEOUS	1.000	10.00	10.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	NITROGEN,NITRATE-N AQUEOUS	1.000	10.00	10.00
1ALKAL	ALKALINITY AQUEOUS	1.000	17.00	17.00
1TKN	NITROGEN,TKN AQUEOUS	1.000	25.00	25.00

REVIEW THIS INVOICE THOROUGHLY; MAKE ALL CHANGES
BEFORE MONTH'S END; PAYMENT IS AUTOMATIC FROM FUND

Invoice Total: 174.00

Make checks payable to:
Treasurer State of NH

PLEASE RETURN BOTTOM WITH PAYMENT

Please pay this amount:
$ 174.00

Project Number: 04-0007307

Invoice Number: 0024647

NEW HAMPSHIRE DEPARTMENT OF
ENVIRONMENTAL SERVICES
Attention: LABORATORY SERVICES UNIT
PO BOX 95
CONCORD NH 03302-0095