

# 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.)

40

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	6/8/04 14:00	1	AQ	✓	✓		A75273-1 06/08 14:00
AE-14 dup	14:05		AQ				A75273-2 06/08 14:05
AE-17 D	14:00		AQ				A75273-3 06/08 14:00
SH-2S	11:19		AQ				A75273-4 06/08 11:19
SH-2I	12:28		AQ				A75273-5 06/08 12:28
SH-2D	10:18		AQ				A75273-6 06/08 10:18
SH-4S	09:45		AQ				A75273-7 06/08 09:45
SH-4I	12:00		AQ				A75273-8 06/08 12:00
SH-4D	13:00		AQ				A75273-9 06/08 13:00
			AQ				
			AQ				
			AQ				

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

Relinquished By Leah Desmarais Date and Time 6/8/04 17:05 Received By boxed storage Matrix: A= Air S= Soil AQ= Aqueous π Other: \_\_\_\_\_

Relinquished By Storage Date and Time 6/19/04 Received For Laboratory By [Signature]

Page 1 of 1

Data Reviewed By [Signature] Date 6-28-04

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 <u>4</u> °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?	✓	✓		<i>Time 12:28 P.W. Bottle</i> <i>12:29</i>
Do the paperwork and sample labels agree?	✓			
Preservation listed on the sample bottle(s)?	✓			
How did the laboratory receive the sample(s)?				<input checked="" type="checkbox"/> 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 _____ <input type="checkbox"/> Ice <input type="checkbox"/> Cold Packs(s) <input type="checkbox"/> Nothing
<b>LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE</b>				
Was the Client contacted by phone?				Date _____ Time _____
Reason				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: WMS Date: 6/9/09

*51752131*

NA = Not Applicable



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

**Results of Laboratory Analysis**

Sample #: A75273-1  
Category: IN HOUSE

Locator : AE-14  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 14:00  
Log in Date : 06/09/2004 12:26  
Completion Date: 06/28/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75273-2  
 Category: IN HOUSE

Locator : AE-14 DUP  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous

Site : PLAISTOW

Collection Date: 06/08/2004 14:05

Collectby: S PERKINS/L DESMARAIS

Log in Date : 06/09/2004 12:26

Account #: 04-01-04

Completion Date: 06/28/2004

Project #: 04-0007307

Misc ID :

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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75273-3  
 Category: IN HOUSE

Locator : AE-17 D  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous

Site : PLAISTOW

Collection Date: 06/08/2004 14:00

Collectby: S PERKINS/L DESMARAIS

Log in Date : 06/09/2004 12:26

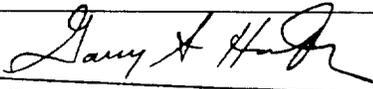
Account #: 04-01-04

Completion Date: 06/28/2004

Project #: 04-0007307

Misc ID :

Analyte	Results	Units	RDL	EPA Method
IRON	.36	mg/L	.05	200
MANGANESE	1.09	mg/L	.01	200

Authorized Signature:   
 Gary 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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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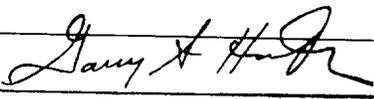
**Results of Laboratory Analysis**

Sample #: A75273-4  
 Category: IN HOUSE

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

Matrix : Aqueous  
 Collection Date: 06/08/2004 11:19  
 Log in Date : 06/09/2004 12:26  
 Completion Date: 06/28/2004  
 Misc ID :

Analyte	Results	Units	RDL	EPA Method
IRON	.23	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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75273-5  
Category: IN HOUSE

Locator : SH-2I  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 12:28  
Log in Date : 06/09/2004 12:26  
Completion Date: 06/28/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	6.06	mg/L	.05	200
MANGANESE	1.15	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75273-6  
Category: IN HOUSE

Locator : SH-2D  
Descriptor : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 10:18  
Log in Date : 06/09/2004 12:26  
Completion Date: 06/28/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	.063	mg/L	.05	200
MANGANESE	.07	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75273-7  
Category: IN HOUSE

Locator : SH-4S  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 09:45  
Log in Date : 06/09/2004 12:26  
Completion Date: 06/28/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	.161	mg/L	.05	200
MANGANESE	.019	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75273-8  
 Category: IN HOUSE

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

Matrix : Aqueous  
 Collection Date: 06/08/2004 12:00  
 Log in Date : 06/09/2004 12:26  
 Completion Date: 06/28/2004  
 Misc ID :

Analyte	Results	Units	RDL	EPA Method
IRON	2.5	mg/L	.05	200
MANGANESE	.02	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
- rpt = agency.idx1
- > = Greater Than
- ug/kg = micrograms per Kilogram
- P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75273-9  
Category: IN HOUSE

Locator : SH-4D  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 13:00  
Log in Date : 06/09/2004 12:26  
Completion Date: 06/28/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	.308	mg/L	.05	200
MANGANESE	.275	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  
rpt = agency.idx1

> = 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: 0026058-IN  
 INVOICE DATE: 06/28/04  
 DUE DATE: 07/28/04

Attn: RICHARD PEASE

**INVOICE**

BEEDE WASTE OIL- 2596  
 RIFS  
 PLAISTOW

PAGE: 1

Sales cd	Description	Quantity	Cost	Amount
1FE	A75273-1 IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
1FE	A75273-2 IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
1FE	A75273-3 IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
1FE	A75273-4 IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
1FE	A75273-5 IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
1FE	A75273-6 IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
1FE	A75273-7 IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
1FE	RA75273-8 BIRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
			Invoice Total:	15.00
				[ 15.00 ]

Make checks payable to:  
**Treasurer State of NH**

**PLEASE RETURN BOTTOM WITH PAYMENT**

Please pay this amount:

\$ [ ]

Project Number: 04-0007307

Invoice Number: 0026058

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: 0026058-IN  
 INVOICE DATE: 06/28/04  
 DUE DATE: 07/28/04

Attn: RICHARD PEASE

**INVOICE**

BEEDE WASTE OIL- 2596  
 RIFS  
 PLAISTOW

PAGE: 2

Sales cd	Description	Quantity	Cost	Amount
1FE	A75273-9 IRON AQUEOUS	1.000	15.00	15.00
1MN	MANGANESE AQUEOUS	1.000	15.00	15.00
Invoice Total:				[ 270.00 ]

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

Make checks payable to:  
**Treasurer State of NH**

**PLEASE RETURN BOTTOM WITH PAYMENT**

Please pay this amount:  
 \$ [ 270.00 ]

Project Number: 04-0007307

Invoice Number: 0026058

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.)

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

omments: \_\_\_\_\_ 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	6/15/04 11:27	1	AQ	✓	✓							A75582-1 06/15 11:27
			AQ									
			AQ									
			AQ									
			AQ									
			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 6/15/04 16:30 Received By Leah Desmarais Matrix: A= Air S= Soil AQ= Aqueous π Other: \_\_\_\_\_

Relinquished By Locked Storage Date and Time 6/16/04 7:30 Received for Laboratory By [Signature]

Data Reviewed By Garry Haworth Date 6-29-04  
Inorganics Supervisor

Section No.: 22.0  
Revision No.: 1 (11WRB)  
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
<b>PROJECT (EPA) # current?</b> Temperature of the sample or temperature blank				Project (EPA) # <u>04-0007307</u> Temperature <u>40</u> °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  <i>In frig overnight Looked strange.</i>
<b>LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE</b>				
Was the Client contacted by phone?				Date _____ Time _____
Reason				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: P1 Date: 6/16/09

NA = Not Applicable



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**Results of Laboratory Analysis**

Sample #: A75582-1  
Category: IN HOUSE

Locator : AE-2  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/15/2004 11:27  
Log in Date : 06/16/2004 07:37  
Completion Date: 06/29/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S. PERKINS/ L. DESMARIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
IRON	6.48	mg/L	.05	200
MANGANESE	2.51	mg/L	.02	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  
rpt = agency.idx1

> = 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: 0026071-IN  
 INVOICE DATE: 06/29/04  
 DUE DATE: 07/29/04

Attn: RICHARD PEASE

## INVOICE

BEEDE WASTE OIL- 2596  
 RIFS  
 PLAISTOW

PAGE: 1

Sales cd	Description	Quantity	Cost	Amount
1FE	A75582-1 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: <span style="border: 1px solid black; padding: 2px;">30.00</span>

Make checks payable to:  
**Treasurer State of NH**

**PLEASE RETURN BOTTOM WITH PAYMENT**

Please pay this amount:  
\$ 30.00

Project Number: 04-0007307

Invoice Number: 0026071

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)
SH-24S	6/2/04 11:10	2	AQ	✓	✓	✓	✓	✓					A74872-1 06/02 11:10
SH-24I	↓ 12:30	↓	AQ	↓	↓	↓	↓	↓					A74872-2 06/02 12:30
SH-24D	↓ 11:45	↓	AQ	↓	↓	↓	↓	↓					A74872-3 06/02 11:45
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										
			AQ										

Preservation: ~~Refrigeration~~ TKN (H2SO4,Ice) others (Ice)

Relinquished By Shawn Perkins Date and Time 6/2/04 17:36 Received By locked storage Matrix: A= Air S= Soil AQ= Aqueous π Other: \_\_\_\_\_

Relinquished By Locke Serge Date and Time 6/2/04 6:15 Received For Laboratory By [Signature]

Data Reviewed By Garry Haworth Date 7/7/04  
Inorganics Supervisor

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





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 Department of Environmental Services  
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**Results of Laboratory Analysis**

Sample #: A74872-1  
 Category: IN HOUSE

Locator : SH-24S  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous  
 Collection Date: 06/02/2004 11:10  
 Log in Date : 06/03/2004 06:21  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS & L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	396	mg/L		310.1
CHLORIDE	6	mg/L	3	325.2
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN, TKN	<.25	mg/L	.25	351.2
SULFATE	76	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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



State of New Hampshire  
Department of Environmental Services  
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(603) 271-3445/3446

**Results of Laboratory Analysis**

Sample #: A74872-2  
Category: IN HOUSE

Locator : SH-24I  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/02/2004 12:30  
Log in Date : 06/03/2004 06:21  
Completion Date: 07/07/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS & L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	29	mg/L		310.1
CHLORIDE	31	mg/L	3	325.2
NITRATE-N	20.9	mg/L	.2	353.2
NITROGEN, TKN	<.25	mg/L	.25	351.2
SULFATE	14	mg/L	1	300.0

Analyst Comments: SO4 resulte may be elevated due to coeluting analyte spike rec  
90%

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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A74872-3  
 Category: IN HOUSE

Locator : SH-24D  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA, WMEB

Matrix : Aqueous  
 Collection Date: 06/02/2004 11:45  
 Log in Date : 06/03/2004 06:21  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS & L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	<.1	mg/L		310.1
CHLORIDE	3100	mg/L	300	325.2
NITRATE-N	1.77	mg/L	.05	353.2
NITROGEN, TKN	.6	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  
 < = 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  
 rpt = agency.idx1

> = 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: 0026111-IN  
 INVOICE DATE: 07/07/04  
 DUE DATE: 08/06/04

Attn: RICHARD PEASE

**INVOICE**

BEEDE WASTE OIL- 2596  
 RIFS  
 PLAISTOW

PAGE: 1

Sales cd	Description	Quantity	Cost	Amount
	A74872-1			
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
	A74872-2			
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
	A74872-3			
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: [ 261.00 ]

Make checks payable to:  
**Treasurer State of NH**

**PLEASE RETURN BOTTOM WITH PAYMENT**

Please pay this amount:  
 \$ [ 261.00 ]

Project Number: 04-0007307

Invoice Number: 0026111

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

30

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	6/3/04 14:00	2	AQ	✓	✓	✓	✓	✓		A74973-1 06/03 14:00
SH-22S	11:40	↓	AQ	↓	↓	↓	↓	↓		A74973-2 06/03 11:40
SH-22D	11:10	↓	AQ	↓	↓	↓	↓	↓		A74973-3 06/03 11:10
SH-22R	10:15	↓	AQ	↓	↓	↓	↓	↓		A74973-4 06/03 10:15
SH-23S	11:38	↓	AQ	↓	↓	↓	↓	↓		A74973-5 06/03 11:38
SH-23I	14:32	↓	AQ	↓	↓	↓	↓	↓		A74973-6 06/03 14:32
SH-23D	13:22	↓	AQ	↓	↓	↓	↓	↓		A74973-7 06/03 13:22
			AQ							
			AQ							
			AQ							
			AQ							
			AQ							

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

Relinquished By Leah Desmarais Date and Time 6/3/04 16:25 Received By Locked Storage Matrix: A= Air S= Soil AQ= Aqueous π Other: \_\_\_\_\_

Relinquished By Locked Storage Date and Time 6/4/03 Received For Laboratory By [Signature]

Page 1 of 1

Data Reviewed By Garry Haworth Date 7/7/04  
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?				Project (EPA) # <u>01-6607307</u>
Temperature of the sample or temperature blank	<input checked="" type="checkbox"/>			Temperature <u>3</u> °C
Condition of sample(s) acceptable? (Check for leakage, breakage, and volume) Do VOA's or Radon have air bubbles?	<input checked="" type="checkbox"/>			
Was the paperwork submitted adequate and completely filled out? Hold times acceptable?	<input checked="" type="checkbox"/>			
Do the paperwork and sample labels agree?	<input checked="" type="checkbox"/>			
Preservation listed on the sample bottle(s)?	<input checked="" type="checkbox"/>			
How did the laboratory receive the sample(s)?				<input checked="" type="checkbox"/> Hand delivered or Mail
Was the sample(s) received in a cooler? How many coolers were received? What was used to lower the temp?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Number of Coolers _____ <input type="checkbox"/> Ice <input type="checkbox"/> Cold Packs(s) <input type="checkbox"/> Nothing
<b>LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE</b>				
Was the Client contacted by phone?				Date _____ Time _____
Reason				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: WJ Date: 6/13/06

A74973-1  
06/03 14:00  
NA = Not Applicable



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### Results of Laboratory Analysis

Sample #: A74973-1  
Category: IN HOUSE

Locator : AE-12  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/03/2004 14:00  
Log in Date : 06/04/2004 10:01  
Completion Date: 07/07/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	19.8	mg/L		310.1
CHLORIDE	8	mg/L	3	325.2
NITRATE-N	.58	mg/L	.05	353.2
NITROGEN, TKN	.5	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A74973-2  
 Category: IN HOUSE

Locator : SH-22S  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous  
 Collection Date: 06/03/2004 11:40  
 Log in Date : 06/04/2004 10:01  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS/L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	11.2	mg/L		310.1
CHLORIDE	80	mg/L	3	325.2
NITRATE-N	.18	mg/L	.05	353.2
NITROGEN, TKN	<.25	mg/L	.25	351.2
SULFATE	7	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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A74973-3  
 Category: IN HOUSE

Locator : SH-22D  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous  
 Collection Date: 06/03/2004 11:10  
 Log in Date : 06/04/2004 10:01  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS/L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	33	mg/L		310.1
CHLORIDE	115	mg/L	3	325.2
NITRATE-N	.6	mg/L	.05	353.2
NITROGEN, TKN	<.25	mg/L	.25	351.2
SULFATE	9	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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A74973-4  
 Category: IN HOUSE

Locator : SH-22R  
 Descriptor : PLAISTOW, BEEDE WASTE OIL, MSCA, WMEB

Matrix : Aqueous  
 Collection Date: 06/03/2004 10:15  
 Log in Date : 06/04/2004 10:01  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS/L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	41.2	mg/L		310.1
CHLORIDE	167	mg/L	3	325.2
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN, TKN	.3	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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A74973-5  
 Category: IN HOUSE

Locator : SH-23S  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous  
 Collection Date: 06/03/2004 11:38  
 Log in Date : 06/04/2004 10:01  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS/L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	51.4	mg/L		310.1
CHLORIDE	75	mg/L	3	325.2
NITRATE-N	2.23	mg/L	.05	353.2
NITROGEN, TKN	<.25	mg/L	.25	351.2
SULFATE	52	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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A74973-6  
 Category: IN HOUSE

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

Matrix : Aqueous  
 Collection Date: 06/03/2004 14:32  
 Log in Date : 06/04/2004 10:01  
 Completion Date: 07/07/2004  
 Misc ID :

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	58.8	mg/L		310.1
CHLORIDE	160	mg/L	3	325.2
NITRATE-N	1.2	mg/L	.05	353.2
NITROGEN, TKN	.3	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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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 Department of Environmental Services  
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**Results of Laboratory Analysis**

Sample #: A74973-7  
 Category: IN HOUSE

Locator : SH-23D  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous  
 Collection Date: 06/03/2004 13:22  
 Log in Date : 06/04/2004 10:01  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS/L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	34.5	mg/L		310.1
CHLORIDE	19	mg/L	3	325.2
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN, TKN	<.25	mg/L	.25	351.2
SULFATE	21	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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent

NEW HAMPSHIRE DEPARTMENT OF  
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 CONCORD, NH 03302-0095  
 (603) 271-3445



INVOICE NUMBER: 0026114-IN  
 INVOICE DATE: 07/07/04  
 DUE DATE: 08/06/04

Attn: RICHARD PEASE

**INVOICE**

BEEDE WASTE OIL- 2596  
 RIFS  
 PLAISTOW

PAGE: 1

Sales cd	Description	Quantity	Cost	Amount
	A74973-1			
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
	A74973-2			
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
	A74973-3			
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
	A74973-4			
1CL	CHLORIDE AQUEOUS	1.000	10.00	10.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN, NITRATE-N AQUEOUS	1.000	10.00	10.00
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: 0026114

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: 0026114-IN  
 INVOICE DATE: 07/07/04  
 DUE DATE: 08/06/04

Attn: RICHARD PEASE

**INVOICE**

BEEDE WASTE OIL- 2596  
 RIFS  
 PLAISTOW

PAGE: 2

Sales cd	Description	Quantity	Cost	Amount
	A74973-5			
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
	A74973-6			
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
	A74973-7			
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: [ 609.00 ]

Make checks payable to:  
**Treasurer State of NH**

**PLEASE RETURN BOTTOM WITH PAYMENT**

Please pay this amount:  
 \$ [ 609.00 ]

Project Number: 04-0007307

Invoice Number: 0026114

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-18 S	6/7/04 13:55	2	AQ	✓	✓	✓	✓	✓		A75120-1 06/07 13:55
AE-18 D	15:05		AQ							A75120-2 06/07 15:05
SH-3 S	09:55		AQ							A75120-3 06/07 09:55
SH-3 I	11:20		AQ							A75120-4 06/07 11:20
SH-3 D	12:40		AQ							A75120-5 06/07 12:40
SH-15 S	13:47		AQ							A75120-6 06/07 13:47
SH-15 I	11:22		AQ							A75120-7 06/07 11:22
<del>SH-15 D</del>	<del>12:40</del>		<del>AQ</del>							
SH-43 S	15:03		AQ							A75120-8 06/07 15:03
SH-43 S dup	15:08		AQ	✓	✓	✓	✓	✓		A75120-9 06/07 15:08
			AQ							
			AQ							

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

Relinquished By Leah Desmarais Date and Time 6/7/04 17:00 Received By Locked Storage Matrix: A= Air S= Soil AQ= Aqueous π Other: \_\_\_\_\_

Relinquished By Locked Storage Date and Time 6/9/04 10:10 Received For Laboratory By [Signature]

Page 1 of 1

Data Reviewed By Garry Haworth Date 6/7/04  
Inorganics Supervisor

Section No.: 22.0  
Revision No.: 1 (HWRB)  
Date: 1-17-01  
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**FOR LABORATORY USE ONLY**

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current?				Project (EPA) # <u>04-0007307</u>
Temperature of the sample or temperature blank	<input checked="" type="checkbox"/>			Temperature <u>3</u> °C <i>from Locked Storage</i>
Condition of sample(s) acceptable? (Check for leakage, breakage, and volume) Do VOA's or Radon have air bubbles?	<input checked="" type="checkbox"/>			
Was the paperwork submitted adequate and completely filled out? Hold times acceptable?	<input checked="" type="checkbox"/>			
Do the paperwork and sample labels agree?	<input checked="" type="checkbox"/>			
Preservation listed on the sample bottle(s)?	<input checked="" type="checkbox"/>			
How did the laboratory receive the sample(s)?				<input checked="" type="checkbox"/> Hand delivered or Mail <i>To Locked Storage</i>
Was the sample(s) received in a cooler? How many coolers were received? What was used to lower the temp?		<input checked="" type="checkbox"/>		Number of Coolers _____ <input type="checkbox"/> Ice <input type="checkbox"/> Cold Packs(s) <input type="checkbox"/> Nothing
<b>LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE</b>				
Was the Client contacted by phone?				Date _____ Time _____
Reason				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: _____

A75120-1  
06/07 13:55

Completed By: TCW Date: 0608-04

NA = Not Applicable





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**Results of Laboratory Analysis**

Client ID : IN HOUSE  
 Sample # : A75120-2  
 Collectby : S PERKINS/L DESMARAIS

Site : PLAISTOW  
 Locator : AE-18D  
 Descript : PLAISTOW,BEEDE WASTE OIL, MSC  
 WMEB

Collection Date: 06/07/2004 15:05  
 Log in Date : 06/08/2004 10:16  
 Completion Date: 07/07/2004

Account #: 04-01-04  
 Project #: 04-0007307  
 Sample Month: Misc ID:

Analyte	Results	Units	MCL	EPA Method
ALKALINITY	48.1	mg/L		310.1
CHLORIDE	14	mg/L	250	325.2
NITRATE-N	<0.05	mg/L	10	353.2
NITROGEN, TKN	<.25	mg/L		351.2
SULFATE	14	mg/L	250	300.0

*Gary Haworth*  
 Gary Haworth  
 Inorganics Supervisor

Authorized Signature:

mg/L = milligrams per Liter    ug/kg = Micrograms per Kilogram < = Less Than    mg/kg = milligrams per Kilogram  
 BDL = Below Detection Limit    ug/L = micrograms per Liter    > = Greater Than    MCL = Maximum Contamiment Level  
 pCi/L = Pico Curies per Liter    P-A = Present - Absent    RDL = Reporting Detection Limit    report=comm\_non

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### Results of Laboratory Analysis

Client ID : IN HOUSE  
Sample # : A75120-4  
Collectby : S PERKINS/L DESMARAIS

Site : PLAISTOW  
Locator : SH-3I  
Descript : PLAISTOW,BEEDE WASTE OIL, MSC  
WMEB

Collection Date: 06/07/2004 11:20  
Log in Date : 06/08/2004 10:16  
Completion Date: 07/07/2004

Account #: 04-01-04  
Project #: 04-0007307  
Sample Month: Misc ID:

Analyte	Results	Units	MCL	EPA Method
ALKALINITY	45.4	mg/L		310.1
CHLORIDE	7	mg/L	250	325.2
NITRATE-N	.23	mg/L	10	353.2
NITROGEN, TKN	<.25	mg/L		351.2
SULFATE	8	mg/L	250	300.0

Authorized Signature: \_\_\_\_\_

*Garry Haworth*  
Garry Haworth

Inorganics Supervisor

mg/L = milligrams per Liter    ug/kg = Micrograms per Kilogram    < = Less Than    mg/kg = milligrams per Kilogram  
BDL = Below Detection Limit    ug/L = micrograms per Liter    > = Greater Than    MCL = Maximum Contamiment Level  
pCi/L = Pico Curies per Liter    P-A = Present - Absent    RDL = Reporting Detection Limit    report=comm\_non

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### Results of Laboratory Analysis

Client ID : IN HOUSE  
Sample # : A75120-5  
Collectby : S PERKINS/L DESMARAIS

Site : PLAISTOW  
Locator : SH-3D  
Descript : PLAISTOW,BEEDE WASTE OIL, MSC  
WMEB

Collection Date: 06/07/2004 12:40  
Log in Date : 06/08/2004 10:16  
Completion Date: 07/07/2004

Account #: 04-01-04  
Project #: 04-0007307  
Sample Month: Misc ID:

Analyte	Results	Units	MCL	EPA Method
ALKALINITY	25.1	mg/L		310.1
CHLORIDE	11	mg/L	250	325.2
NITRATE-N	<0.05	mg/L	10	353.2
NITROGEN, TKN	<.25	mg/L		351.2
SULFATE	9	mg/L	250	300.0

Authorized Signature: \_\_\_\_\_

*Garry Haworth*  
Garry Haworth  
Inorganics Supervisor

mg/L = milligrams per Liter    ug/kg = Micrograms per Kilogram < = Less Than    mg/kg = milligrams per Kilogram  
BDL = Below Detection Limit    ug/L = micrograms per Liter    > = Greater Than    MCL = Maximum Contaminant Level  
pCi/L = Pico Curies per Liter    P-A = Present - Absent    RDL = Reporting Detection Limit    report=comm\_non

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**Results of Laboratory Analysis**

Client ID : IN HOUSE  
 Sample # : A75120-7  
 Collectby : S PERKINS/L DESMARAIS

Site : PLAISTOW  
 Locator : SH-15I  
 Descript : PLAISTOW,BEEDE WASTE OIL, MSC  
 WMEB

Collection Date: 06/07/2004 11:22  
 Log in Date : 06/08/2004 10:16  
 Completion Date: 07/07/2004

Account #: 04-01-04  
 Project #: 04-0007307  
 Sample Month: Misc ID:

Analyte	Results	Units	MCL	EPA Method
ALKALINITY	27.3	mg/L		310.1
CHLORIDE	392	mg/L	250	325.2
NITRATE-N	1.24	mg/L	10	353.2
NITROGEN, TKN	<.25	mg/L		351.2
SULFATE	13	mg/L	250	300.0

Authorized Signature: \_\_\_\_\_

**Garry Haworth**  
**Inorganics Supervisor**

mg/L = milligrams per Liter    ug/kg = Micrograms per Kilogram < = Less Than    mg/kg = milligrams per Kilogram  
 BDL = Below Detection Limit    ug/L = micrograms per Liter    > = Greater Than    MCL = Maximum Contamiment Level  
 pCi/L = Pico Curies per Liter    P-A = Present - Absent    RDL = Reporting Detection Limit    report=comm\_non

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**Results of Laboratory Analysis**

Client ID : IN HOUSE Site : PLAISTOW  
 Sample # : A75120-8 Locator : SH-43S  
 Collectby : S PERKINS/L DESMARAIS Descript : PLAISTOW,BEEDE WASTE OIL,MSC  
 WMEB  
 Collection Date: 06/07/2004 15:03 Account #: 04-01-04  
 Log in Date : 06/08/2004 10:16 Project #: 04-0007307  
 Completion Date: 07/07/2004 Sample Month: Misc ID:

Analyte	Results	Units	MCL	EPA Method
ALKALINITY	58.2	mg/L		310.1
CHLORIDE	7	mg/L	250	325.2
NITRATE-N	<0.05	mg/L	10	353.2
NITROGEN,TKN	<.25	mg/L		351.2
SULFATE	5	mg/L	250	300.0

Authorized Signature: \_\_\_\_\_

*Garry Haworth*  
 Garry Haworth  
 Inorganics Supervisor

mg/L = milligrams per Liter ug/kg = Micrograms per Kilogram < = Less Than mg/kg = milligrams per Kilogram  
 BDL = Below Detection Limit ug/L = micrograms per Liter > = Greater Than MCL = Maximum Contamiment Level  
 pCi/L = Pico Curies per Liter P-A = Present - Absent RDL = Reporting Detection Limit report=comm\_non

**For monitoring information please call (603)271-3139.**



# 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-14	6/8/04 14:00	2	AQ	✓	✓	✓	✓	✓		A75275-1 06/08 14:00
AE-14 dup	14:05	1	AQ							A75275-2 06/08 14:05
AE-17D	14:00	1	AQ							A75275-3 06/08 14:00
SH-2S	11:19	1	AQ							A75275-4 06/08 11:19
SH-2I	<del>12:29</del> 12:28	1	AQ							A75275-5 06/08 12:29
SH-2D	10:18	1	AQ							A75275-6 06/08 10:18
SH-2S	09:45	1	AQ							A75275-7 06/08 09:45
SH-4I	12:00	1	AQ							A75275-8 06/08 12:00
SH-4D	✓ 13:00	✓ 1	AQ	↓	↓	↓	↓	↓		A75275-9 06/08 13:00
			AQ							
			AQ							
			AQ							

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

Relinquished By Leah Desmarais Date and Time 6/8/04 17:05 Received By Locked Storage Matrix: A= Air S= Soil AQ= Aqueous π Other: \_\_\_\_\_

Relinquished By \_\_\_\_\_ Date and Time \_\_\_\_\_ Received For Laboratory By WJ

Page 1 of 1

Data Reviewed By \_\_\_\_\_ Date \_\_\_\_\_

Section No.: 22.0  
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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				
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?	<input checked="" type="checkbox"/>			Time diff. from bottles + P.W. ✓ Last sample only - check nutrient bottles ✓ bottle was 8 12:26 PW 12:28
Do the paperwork and sample labels agree?	Preservation listed on the sample bottle(s)?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
How did the laboratory receive the sample(s)?	Was the sample(s) received in a cooler? How many coolers were received? What was used to lower the temp?				Hand delivered or Mail Number of Coolers _____ <input checked="" type="checkbox"/> Ice <input type="checkbox"/> Cold Packs(s) <input type="checkbox"/> Nothing
Was the Client contacted by phone?	Reason <u>above</u>				LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE Date <u>6/19</u> Time <u>12:05</u> Initials <u>WJ</u>
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: WJ

Date: 6/19/05

A75575-1

NA = Not Applicable





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### Results of Laboratory Analysis

Sample #: A75275-1  
Category: IN HOUSE

Locator : AE-14  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous

Site : PLAISTOW

Collection Date: 06/08/2004 14:00

Collectby: S PERKINS/L DESMARAIS

Log in Date : 06/09/2004 12:36

Account #: 04-01-04

Completion Date: 07/07/2004

Project #: 04-0007307

Misc ID :

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	15.9	mg/L		310.1
CHLORIDE	<3	mg/L	3	325.2
NITRATE-N	.74	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75275-2  
 Category: IN HOUSE

Locator : AE-14 DUP  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous  
 Collection Date: 06/08/2004 14:05  
 Log in Date : 06/09/2004 12:36  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS/L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	15.9	mg/L		310.1
CHLORIDE	<3	mg/L	3	325.2
NITRATE-N	.73	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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75275-3  
Category: IN HOUSE

Locator : AE-17D  
Descript : PLAISTOW,BEEDE WASTE OIL,MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 14:00  
Log in Date : 06/09/2004 12:36  
Completion Date: 07/07/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	56.4	mg/L		310.1
CHLORIDE	12	mg/L	3	325.2
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN,TKN	<.25	mg/L	.25	351.2
SULFATE	7	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75275-4  
 Category: IN HOUSE

Locator : SH-2S  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous  
 Collection Date: 06/08/2004 11:19  
 Log in Date : 06/09/2004 12:36  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS/L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	8.1	mg/L		310.1
CHLORIDE	<3	mg/L	3	325.2
NITRATE-N	<0.05	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  
 < = 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  
 rpt = agency.idx1

> = Greater Than  
 ug/kg = micrograms per Kilogram  
 P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75275-5  
Category: IN HOUSE

Locator : SH-2I  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 12:29  
Log in Date : 06/09/2004 12:36  
Completion Date: 07/07/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	84.1	mg/L		310.1
CHLORIDE	18	mg/L	3	325.2
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN, TKN	<.25	mg/L	.25	351.2
SULFATE	7	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75275-6  
Category: IN HOUSE

Locator : SH-2D  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 10:18  
Log in Date : 06/09/2004 12:36  
Completion Date: 07/07/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	63	mg/L		310.1
CHLORIDE	6	mg/L	3	325.2
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN, TKN	<.25	mg/L	.25	351.2
SULFATE	12	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75275-7  
Category: IN HOUSE

Locator : SH-4S  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 09:45  
Log in Date : 06/09/2004 12:36  
Completion Date: 07/07/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	9.9	mg/L		310.1
CHLORIDE	5	mg/L	3	325.2
NITRATE-N	<0.05	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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### Results of Laboratory Analysis

Sample #: A75275-8  
Category: IN HOUSE

Locator : SH-4I  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/08/2004 12:00  
Log in Date : 06/09/2004 12:36  
Completion Date: 07/07/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L DESMARAIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	58.1	mg/L		310.1
CHLORIDE	8	mg/L	3	325.2
NITRATE-N	.35	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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent



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**Results of Laboratory Analysis**

Sample #: A75275-9  
 Category: IN HOUSE

Locator : SH-4D  
 Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
 WMEB

Matrix : Aqueous  
 Collection Date: 06/08/2004 13:00  
 Log in Date : 06/09/2004 12:36  
 Completion Date: 07/07/2004  
 Misc ID :

Site : PLAISTOW  
 Collectby: S PERKINS/L DESMARAIS  
 Account #: 04-01-04  
 Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	26.7	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	23	mg/L	1	300.0

Garry Haworth

Authorized Signature: 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  
 rpt = agency.idx1

> = 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: 0026116-IN  
 INVOICE DATE: 07/07/04  
 DUE DATE: 08/06/04

Attn: RICHARD PEASE

**INVOICE**

BEEDE WASTE OIL- 2596  
 RIFS  
 PLAISTOW

PAGE: 1

Sales cd	Description	Quantity	Cost	Amount
	A75275-1			
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
	A75275-2			
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
	A75275-3			
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
	A75275-4			
1CL	CHLORIDE AQUEOUS	1.000	10.00	10.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN, NITRATE-N AQUEOUS	1.000	10.00	10.00
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: 0026116

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: 0026116-IN  
 INVOICE DATE: 07/07/04  
 DUE DATE: 08/06/04

Attn: RICHARD PEASE

**INVOICE**

BEEDE WASTE OIL- 2596  
 RIFS  
 PLAISTOW

PAGE: 2

Sales cd	Description	Quantity	Cost	Amount
	A75275-5			
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
	A75275-6			
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
	A75275-7			
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
	A75275-8			
1CL	CHLORIDE AQUEOUS	1.000	10.00	10.00
1SO4	SULFATE AQUEOUS	1.000	25.00	25.00
1NO3	RNITROGEN, NITRATE-N AQUEOUS	1.000	10.00	10.00
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: 0026116

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: 0026116-IN  
 INVOICE DATE: 07/07/04  
 DUE DATE: 08/06/04

Attn: RICHARD PEASE

**INVOICE**

BEEDE WASTE OIL- 2596  
 RIFS  
 PLAISTOW

PAGE: 3

Sales cd	Description	Quantity	Cost	Amount
	A75275-9			
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:				783.00

Make checks payable to:  
**Treasurer State of NH**

**PLEASE RETURN BOTTOM WITH PAYMENT**

Please pay this amount:  
 \$ 783.00

Project Number: 04-0007307

Invoice Number: 0026116

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



**FOR LABORATORY USE ONLY**

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (EPA) # current?				Project (EPA) # <u>04-0007307</u>
Temperature of the sample or temperature blank				Temperature <u>40</u> °C
Condition of sample(s) acceptable? (Check for leakage, breakage, and volume) Do VOA's or Radon have air bubbles?	<input checked="" type="checkbox"/>			
Was the paperwork submitted adequate and completely filled out? Hold times acceptable?	<input checked="" type="checkbox"/>			
Do the paperwork and sample labels agree?	<input checked="" type="checkbox"/>			
Preservation listed on the sample bottle(s)?	<input checked="" type="checkbox"/>			
How did the laboratory receive the sample(s)?				<input checked="" type="checkbox"/> 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 _____ <i>In dry overnight cooled storage.</i>
<b>LIST BELOW TO BE COMPLETED ONLY IF APPLICABLE</b>				
Was the Client contacted by phone?				Date _____ Time _____
Reason				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: 17 Date: 6/16/04

NA = Not Applicable



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

**Results of Laboratory Analysis**

Sample #: A75581-1  
Category: IN HOUSE

Locator : AE-2  
Descript : PLAISTOW, BEEDE WASTE OIL, MSCA,  
WMEB

Matrix : Aqueous  
Collection Date: 06/15/2004 11:27  
Log in Date : 06/16/2004 07:34  
Completion Date: 07/20/2004  
Misc ID :

Site : PLAISTOW  
Collectby: S PERKINS/L. DESMARIS  
Account #: 04-01-04  
Project #: 04-0007307

Analyte	Results	Units	RDL	EPA Method
ALKALINITY	36.7	mg/L		310.1
CHLORIDE	83	mg/L	3	325.2
NITRATE-N	<0.05	mg/L	.05	353.2
NITROGEN, TKN	.6	mg/L	.25	351.2
SULFATE	4	mg/L	1	300.0

Authorized Signature: *Patricia Buford*

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  
rpt = agency.idx1

> = Greater Than  
ug/kg = micrograms per Kilogram  
P-A = Present/Absent