

ABB ENVIRONMENTAL

110 Free Street
 P.O. Box 7050
 Portland, ME 04112-7050

Telephone (207) 775-5400

Fax (207) 772-4762

TRANSMITTAL LETTER

To: NYSDEC	DATE: AUGUST 13, 1996
50 WOLF ROAD	CLIENT: NYSDEC
ALBANY, NY 12233-7010	PROJECT: NORTH LAWRENCE OIL DUMP
ATTN: MR. LECH DOLATA	ABB PROJECT No.: 08749-04
	REF. No.: 6-45-013

- INFORMATION
- ESTIMATING
- COMMENTS AND/OR APPROVAL
- PURCHASING
- CONSTRUCTION
- SEE REMARKS

REMARKS:

PREPARED BY: JOHN NADEAU *JNA*

NUMBER	REVISION No.	No. OF COPIES	TITLE OR DESCRIPTION
99 through 102		1	Construction Progress Reports for period ending 8/7/97

DISTRIBUTION: T = TRANSMITTAL LETTER; C = COPY OF DOCUMENT

ABB	T		C		NYSDEC	T		C		IEM Sealand	T		C	
Glenn Daukus	x		x		Mike Cox				x					
S. Mitchell			x											
R. Day			x											
B. Johnson			x											

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Monday Report No. 99
Date: 08/4/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL		
CONTRACTOR:	IEM SEALAND CORP.		
JOB PHONE:	(315) 389-5235		
		AM	PM
	WEATHER	Sunny	
	TEMPERATURE	76	
	WIND		

HEALTH & SAFETY:
Level of protective clothing used: Level D
Is the level of protection in conformance with the approved Health & Safety Plan? Yes
If no list deviations under items of concern.
Are atmospheric monitoring results at acceptable levels? YES
See attached copy of monitoring log if applicable.

Site visitors: Representing Entered exclusion zone

Description of work performed during this report period:

- Continued spreading barrier protection soil until stockpile was depleted.
- Fertilized and reseeded the lagoon.
- Fertilized, seeded, and mulched areas which were beyond the design work limits but were disturbed during construction.
- Atlantic Testing Agency reported at the site at the direction of IEM and performed in place nuclear density measurements on the barrier protection soil. The technician reported verbally that all tests met the 90% density requirement.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Monday Report No. 99
Date: 08/4/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	19:30
Subcontractor : Hammond Landscaping Company	Worked from	07:00	to	19:30

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
Caterpillar D5 LGP Dozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		
Mulcher		1		

Work Force	IEM Sealand	Depot Rd.	Hammond Lndscp.
QA/QC Officer	1		
Operators		2	
Drivers		1	
Laborers			2

Prime Contractor worked from 07:00 to 19:30

Comments:

- IEM completed spreading the barrier protection soil stockpiled at the site. John Nadeau, ABB performed hand shovel excavations to check the thickness of the barrier protection layer and found the west corner of the cell to be approximately 1.5-Ft thick. This is 1-Ft. less than the project requirements. IEM will need to import additional material to the site to fill the low area.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 100
Date: 08/5/97
Tuesday

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL		AM
CONTRACTOR:	IEM SEALAND CORP.	WEATHER	Sunny
JOB PHONE:	(315) 389-5235	TEMPERATURE	70's
		WIND	
HEALTH & SAFETY:			
Level of protective clothing used: <u>Level D</u>			
Is the level of protection in conformance with the approved Health & Safety Plan? <u>Yes</u>			
If no list deviations under items of concern.			
Are atmospheric monitoring results at acceptable levels? <u>YES</u>			
See attached copy of monitoring log if applicable.			

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Barrier Soil Source	No

Description of work performed during this report period:

- Fertilized, seeded, and mulched areas which were beyond the design work limits but were disturbed during construction.
- Resumed importing barrier protection soil to the site and placed on the disposal cell to bring the west corner of the cell up to the required thickness.
- Began placing 6-inch thick lift of topsoil on the southeast end of the disposal cell.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 100
Tuesday Date: 08/5/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	19:30
Subcontractor : Hammond Landscaping Company	Worked from	07:00	to	19:30

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
Caterpillar D5 LGP Dozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		
Mulcher		1		

Work Force	IEM Sealand	Depot Rd.	Hammond Lndscp.
QA/QC Officer	1		
Operators		2	
Drivers		1	
Laborers			2

Prime Contractor worked from 07:00 to 19:30

Comments:

- Joe Mahoney preparing change order information for Tony Satlou of IEM to submit.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 101
Wednesday Date: 08/6/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL		
CONTRACTOR:	IEM SEALAND CORP.		
JOB PHONE:	(315) 389-5235		
		AM	PM
WEATHER		Sunny	
TEMPERATURE		70's	
WIND			
HEALTH & SAFETY:			
Level of protective clothing used: <u>Level D</u>			
Is the level of protection in conformance with the approved Health & Safety Plan? <u>Yes</u>			
If no list deviations under items of concern.			
Are atmospheric monitoring results at acceptable levels? <u>YES</u>			
See attached copy of monitoring log if applicable.			

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Topsoil Source	No

Description of work performed during this report period:

- Topsoil stockpiled at the site was not sufficient to complete the disposal cell and IEM resumed hauling topsoil to the site this morning. IEM requested as many trucks as possible from the material supplier to haul to the site, but only two trucks hauled and did not begin until 10:00 AM. Placed a 6-inch thick lift of topsoil on the disposal cell as the material was delivered to the site.
- Fertilized, seeded, and mulched areas which were beyond the design work limits but were disturbed during construction. Also began seeding and mulching the disposal cell in areas where topsoil was completed.
- John Nadeau, ABB performed hand shovel excavations and measurements to check the thickness of the topsoil placed on the south half of the disposal cell. All measurements meet the required 6-inch lift thickness.
- Joe Mahoney took ten post construction samples at ground surface and just below at approximately the same ten locations as pre construction samples. Sample number two was moved further north because the preconstruction sample was inadvertently taken from within the excavation limits.
- Set up a pump on a water truck to water the seeded areas.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 102
Thursday Date: 08/7/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>		
JOB PHONE:	<u>(315) 389-5235</u>		
		AM	PM
	WEATHER	Sunny	
	TEMPERATURE	70's	
	WIND		
HEALTH & SAFETY:			
Level of protective clothing used: <u>Level D</u>			
Is the level of protection in conformance with the approved Health & Safety Plan? <u>Yes</u>			
If no list deviations under items of concern.			
Are atmospheric monitoring results at acceptable levels? <u>YES</u>			
See attached copy of monitoring log if applicable.			

Site visitors: Drivers Representing Topsoil Source Entered exclusion zone No

Description of work performed during this report period:

- Continued importing and placing topsoil on the disposal cell.
- Continued seeding and mulching the disposal cell in as topsoil placement was completed.
- Continued watering seeded areas.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 102
Thursday Date: 08/7/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	17:30
Subcontractor : Hammond Landscaping Company	Worked from	07:00	to	17:30

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
Caterpillar D5 LGP Dozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		
Mulcher		1		

Work Force	IEM Sealand	Depot Rd.	Hammond Lndscp.
QA/QC Officer	1		
Operators		2	
Drivers		1	
Laborers			2

Prime Contractor worked from 07:00 to 17:30

Comments:

- IEM worked overtime to complete topsoil placement today.
- Joe Mahoney, IEM and John Nadeau, ABB measured the disposal cell to calculate payment quantities. Mr. Mahoney calculated the square footage of the cell and submitted it to Mr. Nadeau. The calculations were checked by Mr. Nadeau who was in agreement.
- The fence installation contractor visited the site and is scheduled to mobilize and begin fence installation next week on Monday or Tuesday.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL

110 Free Street
 P.O. Box 7050
 Portland, ME 04112-7050

Telephone (207) 775-5400

Fax (207) 772-4762

TRANSMITTAL LETTER

To: NYSDEC	DATE: AUGUST 4, 1996
50 WOLF ROAD	CLIENT: NYSDEC
ALBANY, NY 12233-7010	PROJECT: NORTH LAWRENCE OIL DUMP
ATTN: MR. LECH DOLATA	ABB PROJECT No.: 08749-04
	REF. No.: 6-45-013

- | | |
|--|---|
| <input type="checkbox"/> INFORMATION
<input type="checkbox"/> ESTIMATING
<input type="checkbox"/> COMMENTS AND/OR APPROVAL | <input type="checkbox"/> PURCHASING
<input checked="" type="checkbox"/> CONSTRUCTION
<input type="checkbox"/> SEE REMARKS |
|--|---|

REMARKS:

PREPARED BY: JOHN NADEAU *JN*

NUMBER	REVISION No.	NO. OF COPIES	TITLE OR DESCRIPTION
95 through 98		1	Construction Progress Reports for period ending 7/31/97

DISTRIBUTION: T = TRANSMITTAL LETTER; C = COPY OF DOCUMENT

ABB	T	C	NYSDEC	T	C	IEM Sealand	T	C
Glenn Daukus	x	x	Mike Cox		x			
S. Mitchell		x						
R. Day		x						
B. Johnson		x						

m. Cox
8-6-97

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Monday Report No. 95
Date: 07/28/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>		
JOB PHONE:	<u>(315) 389-5235</u>		
		AM	PM
	WEATHER		
	TEMPERATURE		
	WIND		

HEALTH & SAFETY:
 Level of protective clothing used: Level D
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

Site visitors: Representing Entered exclusion zone
 Drivers Barrier Protection Soil Source No

Description of work performed during this report period:

- Waited for results of destructive tests until 12:00 hours then began spreading barrier protectin soil over the geomembrane.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Monday Report No. 95
Date: 07/28/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	20:30
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.	Not Used
Caterpillar D5 LGP Dozer		1	
John Deere 644 Loader		1	
Cat 250 Dump Truck		1	

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
Operators		2	
Drivers		1	

Prime Contractor worked from 07:00 to 20:30

Comments:

- John Nadea of ABB not on-site today. Arrangements were made with Michael Cox of NYSDEC to do oversight of work on site.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Tuesday Report No. 96
Date: 07/29/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>	AM	PM
CONTRACTOR:	<u>IEM SEALAND CORP.</u>	WEATHER	Sunny
JOB PHONE:	<u>(315) 389-5235</u>	TEMPERATURE	70
		WIND	

HEALTH & SAFETY:

Level of protective clothing used: Level D

Is the level of protection in conformance with the approved Health & Safety Plan? Yes

If no list deviations under items of concern.

Are atmospheric monitoring results at acceptable levels? YES

See attached copy of monitoring log if applicable.

Site visitors: Representing Entered exclusion zone
Drivers Barrier Protection Soil Source No

Description of work performed during this report period:

- Continued spreading barrier protection soil.
- Stopped hauling barrier protection soil to the site. Joe Mahoney believes enough is stockpiled to complete the disposal cell.
- Resumed hauling Aggregate subbase for the access road.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 96
Tuesday Date: 07/29/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	20:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used	Work Force	IEM Sealand	Depot Rd.		
Caterpillar D5 LGP Dozer		1			QA/QC Officer	1			
John Deere 644 Loader		1			Operators		2		
Cat 250 Dump Truck		1			Drivers		1		

Prime Contractor worked from 07:00 to 20:00

Comments:

- John Nadeau of ABB returned to the site.
- Michael Cox NYSDEC and Joe Mahoney have discussed the information required for submittal of the level A data quality. Atlantic testing laboratories has only submitted summaries of results. Joe Mahoney contacted a NYSDEC chemist to discuss the data requirements and then informed Atlantic Testing Laboratories of the requirements. Atlantic will submit the required data.
- Cornell nutrient Analysis Laboratory is putting together a letter with their recommendations for the wetland replacement soil. Joe Mahoney said that the laboratory representative says the organic content should be adequate, and the Magnesium and Calcium levels are higher than needed. A recommendation for the addition of fertilizer will be included in the letter.
- The wetland replacement area is still partially flooded but some naturally occurring revegetation is beginning.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Report No. 97
Wednesday Date: 07/30/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>		
JOB PHONE:	<u>(315) 389-5235</u>		
		AM	PM
	WEATHER	Sunny	
	TEMPERATURE	80's	
	WIND		

HEALTH & SAFETY:
Level of protective clothing used: Level D
Is the level of protection in conformance with the approved Health & Safety Plan? Yes
If no list deviations under items of concern.
Are atmospheric monitoring results at acceptable levels? YES
See attached copy of monitoring log if applicable.

Site visitors: Representing Entered exclusion zone
Drivers Aggregate Subbase Source No

Description of work performed during this report period:

- Continued spreading barrier protection soil.
- Completed hauling aggregate subbase and began hauling topsoil to the site.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 97
Wednesday Date: 07/30/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	18:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
Caterpillar D5 LGP Dozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		

Work Force	IEM Sealand	Depot Rd.		
QA/QC Officer	1			
Operators		2		
Drivers		1		

Prime Contractor worked from 07:00 to 18:00

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 98
Thursday Date: 07/31/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>		
JOB PHONE:	<u>(315) 389-5235</u>		
		AM	PM
	WEATHER	Sunny	
	TEMPERATURE	70's	
	WIND		

HEALTH & SAFETY:

Level of protective clothing used: Level D

Is the level of protection in conformance with the approved Health & Safety Plan? Yes

If no list deviations under items of concern.

Are atmospheric monitoring results at acceptable levels? YES

See attached copy of monitoring log if applicable.

Site visitors:

Drivers

Representing

Topsoil Source

Entered exclusion zone

No

Description of work performed during this report period:

- Continued spreading barrier protection soil. The geomembrane surface was completely covered today, but the southwest corner was not up to the required 2.5-Ft. thickness.
- Continued importing topsoil.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 98
Thursday Date: 07/31/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	13:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
Caterpillar D5 LGP Dozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
Operators		2	
Drivers		1	

Prime Contractor worked from 07:00 to 13:00

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Monday Report No. 91
Date: 07/21/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	19:00
Subcontractor : Solmax	Worked from	N/A	to	

Contractor's Equipment	IEM Sealand	Depot Rd.	Not Used
Caterpillar D5 LGP Dozer		1	
John Deere 644 Loader		1	
Cat 250 Dump Truck		1	

Work Force	IEM Sealand	Depot Rd.	Solmax
QA/QC Officer	1		1
Operators/lab		2	

Prime Contractor worked from 07:00 to 19:00

Comments:

- John Nadeau excavated depth soundings at random locations of the disposal cell and found several localized area with less than the required one foot of gas vent sand. IEM placed additional gas vent sand as was needed in these areas to meet the required one foot of thickness.
- Joe Mahoney took topographic survey measurements of the top of the disposal cell and directed the placement of additional gas vent sand to meet the required 4% minimum slopes. The elevations after regrading were recorded in Mr. Mahoney's field book and copied to ABB.
- A technical evaluation to determine the factor of safety with respect to static and seismic loading conditions for deep seated (global) and infinite slope (surficial) failure modes within the solidified waste materials and cover soils of the disposal cell was performed by ABB. The results of the evaluation indicate that the disposal cell, as currently constructed, will meet the required factor of safety with respect to global and infinite slope failure modes within the solidified waste materials under static and seismic loading conditions. A change order is being prepared in which IEM will credit the NYSDEC for the cost of the technical evaluation, the NYSDEC will then compensate ABB for performing the evaluation.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 92
Date: 07/22/97
Tuesday

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>	WEATHER	AM
JOB PHONE:	<u>(315) 389-5235</u>	TEMPERATURE	PM
		WIND	

HEALTH & SAFETY:

Level of protective clothing used: Level D

Is the level of protection in conformance with the approved Health & Safety Plan? Yes

If no list deviations under items of concern.

Are atmospheric monitoring results at acceptable levels? YES

See attached copy of monitoring log if applicable.

Site visitors: Representing Entered exclusion zone
Drivers Common Borrow Source No

Description of work performed during this report period:

- IEM regraded the lagoon topsoil which was previously unacceptable resulting for tire rutting during mulching.
- Performed general cleanup around the site.
- IEM performed final grading of the gas vent sand on the disposal cell.
- The remainder of Solmax's crew arrived on site but could not begin liner installation because the roll certifications for the rolls delivered to the site were not submitted by Solmax today.

SUBMITTED BY: John E. Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Tuesday Report No. 92
Date: 07/22/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from 07:00 to 15:30
Subcontractor : Solmax	Worked from N/A to

Contractor's Equipment	IEM Sealand	Depot Rd.	Not Used
Caterpillar D5 LGP Dozer		1	
John Deere 644 Loader		1	
Cat 250 Dump Truck		1	

Work Force	IEM Sealand	Depot Rd.	Solmax
QA/QC Officer	1		1
Operators/lab Technicians		2	2
Laborer			1
Supervisor			1

Prime Contractor worked from 07:00 to 15:30

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 93
Wednesday Date: 07/23/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>	WEATHER	AM
JOB PHONE:	<u>(315) 389-5235</u>	TEMPERATURE	PM

HEALTH & SAFETY:
 Level of protective clothing used: Level D
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Performed general cleanup around the site.
- Roll certifications for the materials on site were faxed to the site at 23:00 hours yesterday. Deployment of the geomembrane was completed today. The detailing work remains to be completed and several destructive test samples remain to be taken.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 93
Wednesday Date: 07/23/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	20:00
Subcontractor : Solmax	Worked from	07:00	to	20:30

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
Caterpillar D5 LGP Dozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		

Work Force	IEM Sealand	Depot Rd.	Solmax
QA/QC Officer	1		1
Operators/lab		2	
Technicians			2
Laborer			1
Supervisor			1

Prime Contractor worked from 07:00 to 20:00

Comments:

- IEM provided TCLP results for the carbon from the water treatment plant which was disposed of in the disposal cell.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Thursday Report No. 94
Date: 07/24/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL	WEATHER	AM PM
CONTRACTOR:	IEM SEALAND CORP.	TEMPERATURE	Sunny 70's
JOB PHONE:	(315) 389-5235	WIND	

HEALTH & SAFETY:

Level of protective clothing used: Level D

Is the level of protection in conformance with the approved Health & Safety Plan? Yes

If no list deviations under items of concern.

Are atmospheric monitoring results at acceptable levels? YES

See attached copy of monitoring log if applicable.

Site visitors: Drivers Representing Common Borrow Source Entered exclusion zone No

Description of work performed during this report period:

- Performed general cleanup around the site.
- Completed pipe boot installations and all detailing, repairs, and on-site quality control testing of the geomembrane. Destructive test samples were sent off site and results should be faxed to the site before Monday of next week.
- IEM imported and placed access road aggregate subbase.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Thursday Report No. 94
Date: 07/24/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	16:30
Subcontractor : Solmax	Worked from	07:00	to	13:00

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
Caterpillar D5 LGP Dozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		

Work Force	IEM Sealand	Depot Rd.	Solmax
QA/QC Officer	1		1
Operators/lab		2	
Technicians			2
Laborer			1
Supervisor			1

Prime Contractor worked from 07:00 to 16:30

Comments:

- IEM resubmitted the corrected payment requisition dated 6/15/97. John Nadeau reviewed the requisition but could not Federal Express it to Lech Dolata at NYSDEC because it was received too late. The requisition was Federal Expresed to Lech Dolata on Friday 7/25/97.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 83
Monday Date: 06/23/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>	WEATHER	AM PM
CONTRACTOR:	<u>IEM SEALAND CORP.</u>	TEMPERATURE	Cloudy
JOB PHONE:	<u>(315) 389-5235</u>	WIND	70's

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Decontaminating site equipment.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 83
Monday Date: 06/23/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	20:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992		1		
John Deere 644 Loader		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks				2

Work Force	IEM Sealand	Depot Rd.		
QA/QC Officer	1			
Operators		2		
Laborers		2		
Drivers		2		

Prime Contractor worked from 07:00 to 20:00

Comments:

- IEM faxed to ABB in Portland the nutrient analysis results of the proposed wetland replacement soils which have been striped from the site and are stockpiled at the site. The specification requires that this be an official submittal and the material cannot be approved until IEM prepares a comprehensive submittal of the material in accordance with the project specification. The proposed material is lower in Organic Content, Magnesium and Calcium than the soils which were excavated from the wetland. The specifications require the Nutrient Analysis laboratory make recommendations for amendments to the soil for sustaining growth. No recommendations for amendments of the proposed soils have been made by IEM or their laboratory.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 84
Date: 06/24/97
Tuesday

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL	AM	PM
CONTRACTOR:	IEM SEALAND CORP.	WEATHER	Sunny
JOB PHONE:	(315) 389-5235	TEMPERATURE	70's
		WIND	

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Ycs
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Began spreading wetland replacement soils in the wetland. This material has not officially been submitted and has not been approved. IEM is performing this work at the risk of needing to amend or possibly remove the materials. See comments below.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 84
Date: 06/24/97
Tuesday

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from 07:00 to 18:00
Subcontractor :	Worked from to

Contractor's Equipment	IEM Sealand	Depot Rd.	Not Used
John Deere 992		1	
John Deere 644 Loader		1	
John Deere 850 Bulldozer		1	
John Deere 350 Bulldozer		1	
Cat 250 Dump Truck		1	
10-wheel dump truck		1	
Frac Tanks			2

Work Force	IEM Sealand	Depot Rd.
QA/QC Officer	1	
Operators		2
Laborers		2
Drivers		2

Prime Contractor worked from 07:00 to 18:00

Comments:

- John Nadeau met with Joe Mahoney of IEM and told him that the proposed wetlands replacement soil has not officially been submitted as required by the specification and cannot be approved. ABB has reviewed the faxed copy of the nutrient analysis and finds deficiencies in the Magnesium, Calcium, and Organic Content as compared to the materials excavated from the wetlands. ABB is reviewing the data to see if amendments to the soil are recommended. IEM should be getting review and recommendations for soil amendments from their testing facility Cornell Nutrient Analysis Laboratory. Mr. Mahoney after looking at the nutrient analysis believes the material will be acceptable and began backfilling the wetlands. Mr. Mahoney instructed his personnel to add one load of wood chips for every eight loads of soil placed in the wetlands. This is to try and increase the organic content. Mr. Nadeau informed Mr. Mahoney that this work is at the risk of IEM and that if the material is rejected it will need to be amended appropriately or possibly excavated and removed.
- John Nadeau received an E-mail from Andrea Fogg of ABB which discouraged the use of materials such as wood chips to increase organic content of soils. The wood chips use up a significant amount of the available nitrogen during degradation and cause a deficiency for the plants. Mr. Mahoney was informed of this and no more wood chips were added. The total time of adding wood chips to the replacement soils was between one and two hours, or approximately less than five loads of wood chips.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Report No. 85
Wednesday Date: 06/25/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL	WEATHER	Sunny
CONTRACTOR:	IEM SEALAND CORP.	TEMPERATURE	70's
JOB PHONE:	(315) 389-5235	WIND	

HEALTH & SAFETY:

Level of protective clothing used: Level D

Is the level of protection in conformance with the approved Health & Safety Plan? Yes

If no list deviations under items of concern.

Are atmospheric monitoring results at acceptable levels? YES

See attached copy of monitoring log if applicable.

Site visitors:

Drivers

Representing

Common Borrow Source

Entered exclusion zone

No

Description of work performed during this report period:

- Removed the decontamination pad, mixed it with cement and placed it in the disposal cell.
- Began spreading gas vent sand on the disposal cell..

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 85
Wednesday Date: 06/25/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	18:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992		1		
John Deere 644 Loader		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks				1

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
Operators		2	
Laborers		2	
Drivers		2	

Prime Contractor worked from 07:00 to 18:00

Comments:

- John Nadeau met with Joe Mahoney and discussed the disposal of the carbon vessels from the water treatment plant to the disposal cell. The vessels have already been broken open, mixed with cement and buried in the disposal cell. ABB cannot approve this disposal method of the carbon because no analytical data or leachability data was provided for the material. If IEM chooses to leave the carbon vessels in the cell it is at their own risk and not at the direction or approval of ABB or the NYSDEC.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 86
Thursday Date: 06/26/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	12:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992		1		
John Deere 644 Loader		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks				1

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
Operators		2	
Laborers		2	
Drivers		2	

Prime Contractor worked from 07:00 to 20:00

Comments:

- Joe Mahoney stated that he may not be able to get the required seed for the wetland revegitation until the Fall season.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 87
Tuesday ate: 07/01/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>		
JOB PHONE:	<u>(315) 389-5235</u>		
		AM	PM
	WEATHER	Sunny	
	TEMPERATURE	70's	
	WIND		

HEALTH & SAFETY:
 Level of protective clothing used: Level D
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Continued spreading gas vent sand on the disposal cell.
- Northern Technical Services Inc. was on-site and began the installation of monitoring wells adjacent to the disposal cell.
- IEM final graded the topsoil placed in the lagoon.
- Spread grass seed in the lagoon by hand.
- Continued hauling gas vent sand, barrier protection soil, and aggregate subbase to the site.
- Spread hay mulch by use of a bail shredder which was rented from a local farmer. The bail shredder only covered an area extending approximately 10 feet, and was pulled around the lagoon with the front end loader.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Report No. 88
Wednesday Date: 07/02/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL	WEATHER	Sunny
CONTRACTOR:	IEM SEALAND CORP.	TEMPERATURE	70's
JOB PHONE:	(315) 389-5235	WIND	

HEALTH & SAFETY:

Level of protective clothing used: Level D
Is the level of protection in conformance with the approved Health & Safety Plan? Yes
If no list deviations under items of concern.
Are atmospheric monitoring results at acceptable levels? YES
See attached copy of monitoring log if applicable.

Site visitors: Representing Entered exclusion zone
Drivers Common Borrow Source No

Description of work performed during this report period:

- Continued placing gas vent sand on the disposal cell.
- Completed monitoring well installations. MW-301, MW-302, and MW-303 are completed with the exception of development which will be done at a later date.
- Imported and placed subbase material for the site access road.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 88
Wednesday Date: 07/02/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	17:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992		1		
John Deere 644 Loader		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
Cat 250 Dump Truck		1		

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
Operators		1	
Laborers		1	
Drivers		1	

Prime Contractor worked from 07:00 to 17:00

Comments:

- Michael Cox of the NYSDEC observed the final grading of the topsoil in the lagoon area and agreed that the material must be regraded.
- The NYSDEC reviewed stump disposal and determined that the stumps can be buried on-site
- ABB is still unable to approve the payment requisition by IEM dated 6/15/97 which was submitted on 6/24/97 and subsequently rejected by letter to Joe Mahoney on 6/26/97. The requisition includes payment for items of work for which analytical and geotechnical test results have not yet been submitted. Mr. Mahoney is aware of the outstanding items and knows the requisition cannot be accepted without this information.
- Their will be no work on-site on 7/3/97 and 7/4/97 in observance of the holiday.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT

Monday Report No. 89
Date: 07/07/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL	WEATHER	Sunny
CONTRACTOR:	IEM SEALAND CORP.	TEMPERATURE	60's
JOB PHONE:	(315) 389-5235	WIND	

HEALTH & SAFETY:

Level of protective clothing used: Level D

Is the level of protection in conformance with the approved Health & Safety Plan? Yes

If no list deviations under items of concern.

Are atmospheric monitoring results at acceptable levels? YES

See attached copy of monitoring log if applicable.

Site visitors: Drivers Representing Common Borrow Source Entered exclusion zone No

Description of work performed during this report period:

- Imported and stockpiled barrier protection soil.
- Excavated an approximately 3 foot deep pit beyond the east corner of the disposal cell and began burying stumps.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Monday Report No. 79
Date: 06/16/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	19:30
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks		2		

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
Operators		3	
Laborers		2	
Drivers		2	

Prime Contractor worked from 07:00 to 18:30

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 80
Date: 06/17/97
Tuesday

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>		
JOB PHONE:	<u>(315) 389-5235</u>		
		AM	PM
	WEATHER	Sunny	
	TEMPERATURE	80	
	WIND	W @ 8 mph	

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Ycs
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Excavated and removed mixing pad which was mixed with cement and hauled to the disposal cell.
- Continued inporting gas vent sand to the site and spreading in a one foot thick lift on the slopes of the disposal cell.
- Continued scraping and removing the top approximately 3 to 6 inches of soil from around the mixing area.
- Began removing common borrow berm from the disposal cell and hauling to the lagoon area as backfill.
- Decontaminated the soil mixer.
- Claened out the frac tanks which have been emptied of water during the stabilization process.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 80
Tuesday Date: 06/17/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	19:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks		2		

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
Operators		3	
Laborers		2	
Drivers		2	

Prime Contractor worked from 07:00 to 19:00

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 81
Wednesday Date: 06/18/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL	WEATHER	AM
CONTRACTOR:	IEM SEALAND CORP.	TEMPERATURE	PM
JOB PHONE:	(315) 389-5235	WIND	

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No
Lech Dolata	NYSDEC	No

Description of work performed during this report period:

- Continued importing gas vent sand to the site and spreading in a one foot thick lift on the slopes of the disposal cell.
- Completed removing common borrow berm from around the disposal cell and hauled the material to the lagoon for use as backfill.
- IEM has requested to bury the carbon vessels from the water treatment system in the disposal cell. This was discussed at the Bi-Weekly Construction Progress Meeting. ABB and the NYSDEC will look into this request and will respond to IEM.
- Began spreading topsoil in the lagoon.
- Took confirmation samples from the bottom, sidewalls, and berm in the wetland excavation.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 81
Wednesday Date: 06/18/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	18:30
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
John Deere 644 Loader		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks		2		

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
Operators		3	
Laborers		2	
Drivers		2	

Prime Contractor worked from 07:00 to 18:30

Comments:

- The ninth Bi-Weekly Construction Progress Meeting was held at the site and the minutes will be distributed.
- The lagoon will not be backfilled to the grades on the drawings at the direction of the NYSDEC. It is not necessary to match the elevations as long as the area drains properly.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 72
Tuesday Date: 06/03/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL	WEATHER	AM PM
CONTRACTOR:	IEM SEALAND CORP.	TEMPERATURE	70's 70's
JOB PHONE:	(315) 389-5235	WIND	Calm Calm

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- IEM excavated sludge and soil from the lagoon between Stations 13+25 and 13+50. Grossly contaminated soil was chased in the lateral limits of the excavation up to 10-Ft. beyond the design limits.
- Moved to west end of lagoon beyond station 14+00 and began loading sludge from the surface of the lagoon and mixing in approximately equal parts of soil from the excavation. Also used a small bulldozer to push the top 2-Ft. (sludge) from approximately station 13+50 down to the west end of the lagoon where the excavator could more easily load the materials into the truck.
- Mixed batch No. 29. A John Deere 644 front end loader with a built in scale was used to move material from the stockpile pad to the mixing pad and to move cement from the cement impoundment to the mixing pad. The weight of each bucket of material was recorded by the loader/scale and recorded. When sludge is encountered in excavation it is mixed with equal parts soil from the excavation and cement is added at approximately 20% by weight. When sludge is not present in the excavated materials IEM has chosen to mix at approximately 10% by weight of cement. The material is mixed thoroughly by a John Deere 992 excavator equipped with a mixing drum and transported to the disposal cell where it was spread and compacted. IEM recorded the location of piles of material in the disposal cell. Water from the lagoon is held in frac tanks then used as makeup water during the mixing operation for soils, but when sludge is part of the mixing operation no water is added.
- Pumped ponded water from the west end of the lagoon to frac tanks where it is held to be used as makeup water during the mixing process.
- IEM cleaned the cement silo which is ~~no~~ longer being used to dispense cement for the stabilization process. The silo will be moved off-site.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 72
Date: 06/03/97
Tuesday

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	19:30
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.	Not Used
John Deere 992/Mixer		1	
John Deere 792 Excavator		1	
John Deere 850 Bulldozer			1
John Deere 350 Bulldozer		1	
John Deere 644 Loader		1	
John Deere 710D Backhoe		1	
Cat 250 Dump Truck		1	
10-wheel dump truck		1	
Frac Tanks		2	

Work Force	IEM Sealand	Depot Rd.
QA/QC Officer	1	
HSO	1	
Superintendent		1
Operators		4
Laborers		2
Drivers		2

Prime Contractor worked from 07:00 to 19:30

Comments:

- The depth of excavation around station 13+00 to 13+25 was extended deeper. This is the area where sludge was known to be deeper than four feet and the additional lagoon excavation quantities included in the contract were for the purposes of this overexcavation.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 73
Wednesday Date: 06/04/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>	WEATHER	AM PM
CONTRACTOR:	<u>IEM SEALAND CORP.</u>	TEMPERATURE	Sunny 70's Sunny 70's
JOB PHONE:	<u>(315) 389-5235</u>	WIND	Calm Calm

HEALTH & SAFETY:
 Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No
Lech Dolata	NYSDEC	Yes

Description of work performed during this report period:

- Excavated at the west end of the lagoon beyond station 14+00 and began loading sludge from the surface of the lagoon and mixing in approximately equal parts of soil from the excavation. Also used a small bulldozer to push the top 2-Ft. (sludge) from approximately station 13+50 down to the west end of the lagoon where the excavator could more easily load the materials into the truck. This operation was only performed for a brief time this morning.
- Loaded stockpiled wetland sediments from stockpiles in the wetland area to the stockpile pad. Only one excavator operator on-site which limits ability to excavate and mix at the same time.
- Mixed batch No. 30. A John Deere 644 front end loader with a built in scale was used to move material from the stockpile pad to the mixing pad and to move cement from the cement impoundment to the mixing pad. The weight of each bucket of material was recorded by the loader/scale and recorded. When sludge is encountered in excavation it is mixed with equal parts soil from the excavation and cement is added at approximately 20% by weight. When sludge is not present in the excavated materials IEM has chosen to mix at approximately 10% by weight of cement. The material is mixed thoroughly by a John Deere 992 excavator equipped with a mixing drum and transported to the disposal cell where it was spread and compacted. IEM recorded the location of piles of material in the disposal cell. Water from the lagoon is held in frac tanks then used as makeup water during the mixing operation for soils, but when sludge is part of the mixing operation no water is added.
- Biweekly construction progress meeting No. 8 held at the site. Minutes were distributed.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 73
Date: 06/04/97
Wednesday

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	19:30
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer				1
John Deere 350 Bulldozer		1		
John Deere 644 Loader		1		
John Deere 710D Backhoe		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks		2		

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
HSO	1		
Superintendent		1	
Operators		4	
Laborers		2	
Drivers		2	

Prime Contractor worked from 07:00 to 19:30

Comments:

J. Nadeau prepared a rough cost estimate to support the proposed change order being prepared by ABB-ES for the excavation and treatment of lagoon soils in exceedance of 115% of the contract quantity. The estimate was done based on Blue Book rates for equipment, the contract labor rates, and daily production rates to date.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 74
Thursday Date: 06/05/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>		
JOB PHONE:	<u>(315) 389-5235</u>		
		AM	PM
WEATHER		Sunny	Sunny
TEMPERATURE		70's	70's
WIND		Calm	Calm

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Loaded stockpiled wetland sediments from stockpiles in the wetland area to the stockpile pad. Only one excavator operator on-site which limits ability to excavate and mix at the same time.
- No soil mixed today.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 74
Thursday Date: 06/05/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	12:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
John Deere 644 Loader		1		
John Deere 710D Backhoe		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks		2		

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
HSO	1		
Superintendent		1	
Operators		4	
Laborers		2	
Drivers		2	

Prime Contractor worked from 07:00 to 12:00

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 75
Monday Date: 06/09/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL	WEATHER	AM PM
CONTRACTOR:	IEM SEALAND CORP.	TEMPERATURE	85
JOB PHONE:	(315) 389-5235	WIND	W @ 7 mph

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Excavated with a John Deere 350 Bulldozer in the middle area of the lagoon beyond station 13+50. Grade stakes were placed in the area and marked for a four foot depth of cut. The four foot cut was performed and no visible evidence of sludge remained at that depth. The excavated material was pushed to the west end of the lagoon where it was loaded into the truck by an excavator. The excavator began excavation to remove material along the edge of the excavation limits.
- Mixed batch No. 31. A John Deere 644 front end loader with a built in scale was used to move material from the stockpile pad to the mixing pad and to move cement from the cement impoundment to the mixing pad. The weight of each bucket of material was recorded by the loader/scale and recorded. When sludge is encountered in excavation it is mixed with equal parts soil from the excavation and cement is added at approximately 20% by weight. When sludge is not present in the excavated materials IEM has chosen to mix at approximately 10% by weight of cement. The material is mixed thoroughly by a John Deere 992 excavator equipped with a mixing drum and transported to the disposal cell where it was spread and compacted. IEM recorded the location of piles of material in the disposal cell. Water from the lagoon is held in frac tanks then used as makeup water during the mixing operation for soils, but when sludge is part of the mixing operation no water is added.
- The soil mixer broke down at approximately 1500 hours and no more treatment was performed.
- Loaded stockpiled wetland sediments from stockpiles in the wetland area to the stockpile pad. This was done because of the down time of the mixer.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 75
Monday Date: 06/09/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from 07:00 to 18:00
Subcontractor :	Worked from to

Contractor's Equipment	IEM Sealand	Depot Rd.	Not Used
John Deere 992/Mixer		1	
John Deere 792 Excavator		1	
John Deere 850 Bulldozer		1	
John Deere 350 Bulldozer		1	
John Deere 644 Loader		1	
John Deere 710D Backhoe		1	
Cat 250 Dump Truck		1	
10-wheel dump truck		1	
Frac Tanks		2	

Work Force	IEM Sealand	Depot Rd.
QA/QC Officer	1	
HSO	1	
Superintendent		
Operators		4
Laborers		2
Drivers		2

Prime Contractor worked from 07:00 to 18:00

Comments:

- Joe Mahoney of IEM said he had received a copy of the proposed Change Order number 1 from NYSDEC. The change order proposes IEM continue treating material above the 115% of the contract quantity at a price of \$37.00 per cubic yard. Mr. Mahoney stated it is costing IEM more than the original bid price of \$40.00 per cubic yard to treat the material and IEM is preparing back up documentation to substantiate that.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 76
Date: 06/10/97
Tuesday

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>		
CONTRACTOR:	<u>IEM SEALAND CORP.</u>		
JOB PHONE:	<u>(315) 389-5235</u>		
		AM	PM
	WEATHER	Sunny	
	TEMPERATURE	73	
	WIND	W @ 7 mph	

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Replacement part for 992 Excavator with soil mixer arrived on site at 08:30 hours and work resumed by 09:00 hours.
- Excavated around the perimeter of the lagoon from station 13+50 to 14+80.
- Mixed batch No. 32. A John Deere 644 front end loader with a built in scale was used to move material from the stockpile pad to the mixing pad and to move cement from the cement impoundment to the mixing pad. The weight of each bucket of material was recorded by the loader/scale and recorded. When sludge is encountered in excavation it is mixed with equal parts soil from the excavation and cement is added at approximately 20% by weight. When sludge is not present in the excavated materials IEM has chosen to mix at approximately 10% by weight of cement. The material is mixed thoroughly by a John Deere 992 excavator equipped with a mixing drum and transported to the disposal cell where it was spread and compacted. IEM recorded the location of piles of material in the disposal cell. Water from the lagoon is held in frac tanks then used as makeup water during the mixing operation for soils, but when sludge is part of the mixing operation no water is added.
- Backfilled the lagoon excavation up to approximately station 14+35.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 76
Date: 06/10/97
Tuesday

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	08:30	to	20:30
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
John Deere 644 Loader		1		
John Deere 710D Backhoe		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks		2		

Work Force	IEM Sealand	Depot Rd.	
QA/QC Officer	1		
HSO	1		
Superintendent			
Operators		4	
Laborers		2	
Drivers		2	

Prime Contractor worked from 08:30 to 20:30

Comments:

- Joe Mahoney reported he had received preliminary results for analytical samples for water discharged during the dewatering of the lagoon area. Several of the levels are in exceedance of the discharge limits. The remainder of the test results are outstanding and should be submitted this week.

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 77
Wednesday Date: 06/11/97

SITE CODE:	6-45-013		
SITE NAME:	NORTH LAWRENCE OIL DUMP		
LOCATION:	NORTH LAWRENCE NY		
ENGINEER:	ABB ENVIRONMENTAL	WEATHER	Sunny
CONTRACTOR:	IEM SEALAND CORP.	TEMPERATURE	73
JOB PHONE:	(315) 389-5235	WIND	W @ 7 mph

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Loaded stockpiled wetland sediments from stockpiles in the wetland area to the stockpile pad. Only one excavator operator on-site which limits ability to excavate and mix at the same time.
- Excavated around the perimeter of the lagoon from station 13+50 to 14+80.
- Mixed batch No. 33. A John Deere 644 front end loader with a built in scale was used to move material from the stockpile pad to the mixing pad and to move cement from the cement impoundment to the mixing pad. The weight of each bucket of material was recorded by the loader/scale and recorded. When sludge is encountered in excavation it is mixed with equal parts soil from the excavation and cement is added at approximately 20% by weight. When sludge is not present in the excavated materials IEM has chosen to mix at approximately 10% by weight of cement. The material is mixed thoroughly by a John Deere 992 excavator equipped with a mixing drum and transported to the disposal cell where it was spread and compacted. IEM recorded the location of piles of material in the disposal cell. Water from the lagoon is held in frac tanks then used as makeup water during the mixing operation for soils, but when sludge is part of the mixing operation no water is added.
- Performed final grading of waste in the disposal cell to level the slopes and top and to shape the corners for consistency.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 77
Wednesday Date: 06/11/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>	WEATHER	AM
CONTRACTOR	<u>IEM SEALAND CORP.</u>	TEMPERATURE	PM
JOB PHONE:	<u>(315) 389-5235</u>	WIND	

HEALTH & SAFETY:
 Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Loaded stockpiled wetland sediments from stockpiles in the wetland area to the stockpile pad. Only one excavator operator on-site which limits ability to excavate and mix at the same time.
- Excavated around the perimeter of the lagoon from station 13+50 to 14+80.
- Mixed batch No. 33. A John Deere 644 front end loader with a built in scale was used to move material from the stockpile pad to the mixing pad and to move cement from the cement impoundment to the mixing pad. The weight of each bucket of material was recorded by the loader/scale and recorded. When sludge is encountered in excavation it is mixed with equal parts soil from the excavation and cement is added at approximately 20% by weight. When sludge is not present in the excavated materials IEM has chosen to mix at approximately 10% by weight of cement. The material is mixed thoroughly by a John Deere 992 excavator equipped with a mixing drum and transported to the disposal cell where it was spread and compacted. IEM recorded the location of piles of material in the disposal cell. Water from the lagoon is held in frac tanks then used as makeup water during the mixing operation for soils, but when sludge is part of the mixing operation no water is added.
- Performed final grading of waste in the disposal cell to level the slopes and top and to shape the corners for consistency.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 78
Thursday Date: 06/12/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	12:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
John Deere 644 Loader		1		
John Deere 710D Backhoe		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks		2		

Work Force	IEM Sealand	Depot Rd.		
QA/QC Officer	1			
HSO	1			
Superintendent				
Operators		4		
Laborers		2		
Drivers		2		

Prime Contractor worked from 07:00 to 12:00

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 67
Tuesday Date: 05/27/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>	WEATHER	AM PM
CONTRACTOR:	<u>IEM SEALAND CORP.</u>	TEMPERATURE	Clear Clear
JOB PHONE:	<u>(315) 389-5235</u>	WIND	40 F 65-70 F
			Calm Calm

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Phil Benard	Depot Road/IEM	Yes
Brian MacKenzie	IEM	Yes

Description of work performed during this report period:

- IEM pumped water from the frac tank through the sand filter, bag filter, and two activated carbon units. Water was pumped from 10:30 am until 0700 (5/28) with interruptions for maintenance. Approximately 8,000 gallons were treated in this manor. Water appeared clear to slightly cloudy, had no noticeable odor, and did not cause noticeable erosion at the discharge. Pumping and treatment will continue through the night to try to empty the frac tank.
- ABB-ES performed nuclear density testing of treated material within the disposal cell. A total of seven readings were taken using the backscatter method. The material is to hard to drive the rod in over one inch. The average percent of the 105 pcf Proctor density was 89.2 which is less than the required 90%. Likely due to surface effects the actual density at depth is 90% or greater on average.
- IEM began removing stumps from the wetland area. The stumps were shaken to remove as much sediment as practical in the wetland prior to there being placed in trucks for placement in the disposal cell. The process appears to be working well. Wetland sediments were excavated and stockpiled.
- Due to the clear forecast the stumps and excavated wetland sediments were not covered, to facilitate drying.

SUBMITTED BY: Brian B. Johnson, P.E., ABB Environmental

*m. cap
6-3-97*

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 67
Tuesday Date: 05/27/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	08:30	to	19:15
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer				1
John Deere 450 Bulldozer				1
John Deere 644 Loader		1		
John Deere 710D Backhoe		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Cement silo				1
Cement Hopper				1

Work Force	IEM Sealand	Depot Rd.		
QA/QC Officer	1			
HSO	1			
Superintendent		1		
Operators		3		
Laborers		1		
Drivers		2		

Prime Contractor worked from 08:50 to 19:15

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: Brian B. Johnson, P.E., ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 77
Wednesday Date: 06/11/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>	WEATHER	AM
CONTRACTOR	<u>IEM SEALAND CORP.</u>	TEMPERATURE	PM
JOB PHONE:	<u>(315) 389-5235</u>	WIND	

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Drivers	Common Borrow Source	No

Description of work performed during this report period:

- Loaded stockpiled wetland sediments from stockpiles in the wetland area to the stockpile pad. Only one excavator operator on-site which limits ability to excavate and mix at the same time.
- Excavated around the perimeter of the lagoon from station 13+50 to 14+80.
- Mixed batch No. 33. A John Deere 644 front end loader with a built in scale was used to move material from the stockpile pad to the mixing pad and to move cement from the cement impoundment to the mixing pad. The weight of each bucket of material was recorded by the loader/scale and recorded. When sludge is encountered in excavation it is mixed with equal parts soil from the excavation and cement is added at approximately 20% by weight. When sludge is not present in the excavated materials IEM has chosen to mix at approximately 10% by weight of cement. The material is mixed thoroughly by a John Deere 992 excavator equipped with a mixing drum and transported to the disposal cell where it was spread and compacted. IEM recorded the location of piles of material in the disposal cell. Water from the lagoon is held in frac tanks then used as makeup water during the mixing operation for soils, but when sludge is part of the mixing operation no water is added.
- Performed final grading of waste in the disposal cell to level the slopes and top and to shape the corners for consistency.

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 78
Thursday Date: 06/12/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	07:00	to	12:00
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer		1		
John Deere 350 Bulldozer		1		
John Deere 644 Loader		1		
John Deere 710D Backhoe		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Frac Tanks		2		

Work Force	IEM Sealand	Depot Rd.		
QA/QC Officer	1			
HSO	1			
Superintendent				
Operators		4		
Laborers		2		
Drivers		2		

Prime Contractor worked from 07:00 to 12:00

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: John E Nadeau, ABB Environmental

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 67
Tuesday Date: 05/27/97

SITE CODE:	<u>6-45-013</u>		
SITE NAME:	<u>NORTH LAWRENCE OIL DUMP</u>		
LOCATION:	<u>NORTH LAWRENCE NY</u>		
ENGINEER:	<u>ABB ENVIRONMENTAL</u>	WEATHER	AM PM
CONTRACTOR:	<u>IEM SEALAND CORP.</u>	TEMPERATURE	Clear Clear
JOB PHONE:	<u>(315) 389-5235</u>	WIND	40 F 65-70 F
			Calm Calm

HEALTH & SAFETY:

Level of protective clothing used: Level D - Modified, while in the exclusion zone.
 Is the level of protection in conformance with the approved Health & Safety Plan? Yes
 If no list deviations under items of concern.
 Are atmospheric monitoring results at acceptable levels? YES
 See attached copy of monitoring log if applicable.

<u>Site visitors:</u>	<u>Representing</u>	<u>Entered exclusion zone</u>
Phil Benard	Depot Road/IEM	Yes
Brian MacKenzie	IEM	Yes

Description of work performed during this report period:

- IEM pumped water from the frac tank through the sand filter, bag filter, and two activated carbon units. Water was pumped from 10:30 am until 0700 (5/28) with interruptions for maintenance. Approximately 8,000 gallons were treated in this manor. Water appeared clear to slightly cloudy, had no noticeable odor, and did not cause noticeable erosion at the discharge. Pumping and treatment will continue through the night to try to empty the frac tank.
- ABB-ES performed nuclear density testing of treated material within the disposal cell. A total of seven readings were taken using the backscatter method. The material is to hard to drive the rod in over one inch. The average percent of the 105 pcf Proctor density was 89.2 which is less than the required 90%. Likely due to surface effects the actual density at depth is 90% or greater on average.
- IEM began removing stumps from the wetland area. The stumps were shaken to remove as much sediment as practical in the wetland prior to there being placed in trucks for placement in the disposal cell. The process appears to be working well. Wetland sediments were excavated and stockpiled.
- Due to the clear forecast the stumps and excavated wetland sediments were not covered, to facilitate drying.

SUBMITTED BY: Brian B. Johnson, P.E., ABB Environmental

*m. cap
6-3-97*

ABB ENVIRONMENTAL SERVICES

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REDEMPTION
INSPECTOR'S DAILY REPORT**

Report No. 67
Tuesday Date: 05/27/97

Subcontractor : Depot Road Excavating and Leasing, Inc.	Worked from	08:30	to	19:15
Subcontractor :	Worked from		to	

Contractor's Equipment	IEM Sealand	Depot Rd.		Not Used
John Deere 992/Mixer		1		
John Deere 792 Excavator		1		
John Deere 850 Bulldozer				1
John Deere 450 Bulldozer				1
John Deere 644 Loader		1		
John Deere 710D Backhoe		1		
Cat 250 Dump Truck		1		
10-wheel dump truck		1		
Cement silo				1
Cement Hopper				1

Work Force	IEM Sealand	Depot Rd.		
QA/QC Officer	1			
HSO	1			
Superintendent		1		
Operators		3		
Laborers		1		
Drivers		2		

Prime Contractor worked from 08:50 to 19:15

Comments:

Items of concern:

Attachments to this report:

SUBMITTED BY: Brian B. Johnson, P.E., ABB Environmental