

DAILY OBSERVATION REPORT

Report No.: 172-016

E&E Project File: NV28.03

Date: Monday, February 20, 2006

NYSDEC

DR 172 - 016

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Contract # D005660

Buffalo, New York

Temperature: (F) 15 (am) 31 (pm)

Wind Direction: W (am) W (pm)

Weather: (am) Overcast

(pm) Clear

Arrive at site 0650 (am)

Leave site: 1547 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes ()

n/a (X)

* No ()

Waters

Yes ()

n/a (X)

* No ()

Air

Yes (X)

n/a ()

* No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes ()

No (X)

Photos Taken:

Yes (X)

No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services personnel spent the morning attaching the hammer to the John Deere 200LC excavator, and using it to break up frozen soil between the tracks of both excavators. The tracks were frozen to the point where neither excavator was operable. Horizon continued excavating and load out soil from the LNAPL Hydraulic Oil Spill Area in the afternoon. Horizon began demolition of the vault with the Deere 200LC excavator. Horizon loaded out (7 truckloads) of non-hazardous soil from the Hydraulic Oil Spill Area to Pariso Trucking for disposal at Town of Tonawanda Landfill totaling 145.52 tons. Dust monitors were installed upwind and downwind of the excavation and soil stockpile.

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Report No.: 172-016

E&E Project File: NV28.03

Date: Monday, February 20, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Cummings (operator) onsite.

Horizon equipment: John Deere 200LC excavator*, John Deere 120C excavator w/hammer*, John Deere 624H Front Loader*, water treatment system*

Subcontractors: Pariso Trucking

** Indicates active equipment*

VISITORS TO SITE:

United Rental (1)

PROJECT SCHEDULE ISSUES:

None.

PROJECT BUDGET ISSUES:

None.

ITEMS OF CONCERN:

Horizon would like to use a Vacuum Truck to remove water from the open excavation in the LNAPL area. Site Representative unable to view the floor conditions of the LNAPL area excavation due to approximately 4-feet of standing water.

COMMENTS:

None.

ATTACHMENT(S) TO THIS REPORT: Photo log and photos

SITE REPRESENTATIVE: Gregory Jones, Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D. Locey - NYSDEC Region 9
G. Harris – Chief – Remedial Bureau - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Report No.: 172-016

E&E Project File: NV28.03

Date: Monday, February 20, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
2/20/06	000_005.jpg	Horizon attempting to break up concrete foundation in LNAPL Area.	N
2/20/06	000_006.jpg	Upper 4-feet of excavated side wall in Hydraulic Oil Spill Area.	NW
2/20/06	000_007.jpg	Existing stockpile of LNAPL Area.	S
2/20/06	000_008.jpg	Concrete foundation appears to be 6-feet in depth.	N



000_005.jpg



000_006.jpg



000_007.jpg



000_008.jpg

DAILY OBSERVATION REPORT

Report No.: 023-017

E&E Project File: NV28.03

Date: Tuesday, February 21, 2006

NYSDEC

Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172

Contract # D005660

Buffalo, New York

Temperature: (F) 27 (am) 34 (pm)

Wind Direction: W (am) W (pm)

Weather: (am) Cloudy, Blowing Snow
(pm) Partly Cloudy, Snow

Arrive at site 0657 (am)

Leave site: 1515 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (X)

Are monitoring results at acceptable levels?

Soil
Waters
Air

Yes () n/a (X) * No ()

Yes () n/a (X) * No ()

Yes (X) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (X)

Photos Taken:

Yes (X) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued excavating and load out soil from the LNAPL Hydraulic Oil Spill Area. Horizon excavated down to approximately eleven feet below ground surface on the north side of the Hydraulic Oil Spill area where native clay was encountered.

Horizon continued to use the hammer attachment on the Deere 200LC to demolish concrete within the excavation. Horizon loaded out (32 truckloads) of non-hazardous soil from the Hydraulic Oil Spill Area to Pariso Trucking for disposal at Town of Tonawanda Landfill totaling 748.88 tons. Dust monitors were installed upwind and downwind of the excavation and soil stockpile.

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DAILY OBSERVATION REPORT

Report No.: 023-017

E&E Project File: NV28.03

Date: Tuesday, February 21, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330L excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

* *Indicates active equipment*

VISITORS TO SITE:

None to report

PROJECT SCHEDULE ISSUES:

Based on the amount of soil excavated from the Hydraulic Oil Spill Area, Horizon's progress places the work at 3 day's behind schedule.

PROJECT BUDGET ISSUES:

None to report

ITEMS OF CONCERN:

None to report

COMMENTS:

None to report

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Report No.: 023-017

E&E Project File: NV28.03

Date: Tuesday, February 21, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
2/21/06	000_001.jpg	Excavation to native clay appoximatley 11' below ground surface	SE
2/21/06	000_002.jpg	Oil sheen on water in Hydraulic Oil Spill Area (LNAPL) excavation.	SE
2/21/06	000_003.jpg	Excavating on the north side of the Hydraulic Oil Spill Area (LNAPL).	W
2/21/06	000_004.jpg	Loading out excavated soil from the Hydraulic Oil Spill Area (LNAPL).	W



000_001.jpg



000_002.jpg



000_003.jpg



000_004.jpg

DAILY OBSERVATION REPORT

Report No.: 024-018

E&E Project File: NV28.03

Date: Wednesday, February 22, 2006

NYSDEC

Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172

Contract # D005660

Buffalo, New York

Temperature: (F) 30 (am) 40 (pm)

Wind Direction: S7 (am) W12 (pm)

Weather: (am) Overcast, mild
(pm) Sunny

Arrive at site 0640 (am)

Leave site: 1630 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil
Waters
Air

Yes ()

n/a (X) * No ()

Yes ()

n/a (X) * No ()

Yes (X)

n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes ()

No (X)

Photos Taken:

Yes (X)

No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

Horizon Environmental Services continued excavating and load out of soil from the LNAPL Hydraulic Oil Spill Area. HEC constructed a simple earth dam to isolate water in the excavation, allowing them to continue load and haul out operations from the LNAPL Area.

Horizon loaded out (0 truckloads) of non-hazardous soil from the Hydraulic Oil Spill Area to Pariso Trucking for disposal at Town of Tonawanda Landfill totaling tons.

Dust monitors were installed upwind and downwind of the excavation and soil stockpile. 10 am reading downwind is .0071 ppm

PM:

HEC continuing to load out trucks from the LNAPL Area. Performing site maintenance and cleaning equipment tracks on the Deere 200LC excavator.

Total Trucks: 26 Tons:557.94

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Report No.: 024-018

E&E Project File: NV28.03

Date: Wednesday, February 22, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Cummings (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

* *Indicates active equipment*

VISITORS TO SITE:

EZ Portable Restrooms

Root Neal Scale

PROJECT SCHEDULE ISSUES:

Based on the amount of soil excavated from the Hydraulic Oil Spill Area, Horizon's progress places the work at 2 day's behind schedule.

PROJECT BUDGET ISSUES:

None to report

ITEMS OF CONCERN:

Large concrete foundation present in LNAPL area presents a removal issue. See daily photos (attached)

COMMENTS:

None to report

ATTACHMENT(S) TO THIS REPORT: Daily Photos

SITE REPRESENTATIVE:

Jeff Kohler
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Report No.: 024-018

E&E Project File: NV28.03

Date: Wednesday, February 22, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
2/22/06	000 034.jpg	LNAPL Area looking North West showing concrete foundation exposed	NW
2/22/06	000 035.jpg	TGA looking North West showing stripped overburden layer	NW



000_034.jpg



000 035.jpg

DAILY OBSERVATION REPORT

Report .hw915172.2006.02.23. Shenago Daily Report 025 -19.PDF: NV28.03 Date: Thursday, Feb. 23 2006

NYSDEC

Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172

Contract # D005660

Buffalo, New York

Temperature: (F) 31 (am) 40 (pm)

Wind Direction: SSW (am) W (pm)

Weather: (am) Partly Cloudy
(pm) Clear

Arrive at site 0700 (am)

Leave site: 1600 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (X)

Are monitoring results at acceptable levels?

Soil
Waters
Air

Yes () n/a (X) * No ()

Yes () n/a (X) * No ()

Yes (X) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (X)

Photos Taken:

Yes (X) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

Horizon Environmental Services performed general housekeeping duties, such as removing the contaminated geo - fabric on what was the s stockpile and load out area for the Hydraulic Oil Spill Area (LNAPL). Horizon also cut up re-bars with cutting torch and placed in the scrap metal area. Horizon installed orange fencing along the perimeter of the Hydraulic Oil Spill Area open excavation.

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1030 am reading downwind is .0042 ug/m3

PM:

At the conclusion of Progress Meeting #2 Horizon began to remove debris and extend the excavation 5-feet beyond the limits of excavation (based on visual and analytical data) in the Hydraulic Oil Spill Area (LNAPL) on the south and west side of the open excavation.

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DAILY OBSERVATION REPORT

Report .hw915172.2006.02.23. Shenago Daily Report 025 -19.PDF: NV28.03 Date: Thursday, Feb. 23 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: None

* *Indicates active equipment*

VISITORS TO SITE:

Michael Steffan: EEEPC

David Locey: NYSDEC Region 9

PROJECT SCHEDULE ISSUES:

The task of demolition of the concrete foundation in the Hydraulic Oil Spill Area may extend past the submitted project schedule for completion of excavation.

PROJECT BUDGET ISSUES:

None to report

ITEMS OF CONCERN:

Contaminated soil extending beyond the additional limits of excavation.
EEEEPC representative can not view the floor of the LNAPL excavation due to the amount of standing water.

COMMENTS:

None to report

ATTACHMENT(S) TO THIS REPORT: Daily Photos

SITE REPRESENTATIVE:

Greg Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Report .hw915172.2006.02.23. Shenago Daily Report 025 -19.PDF: NV28.03 Date: Thursday, Feb. 23 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
2/23/06	000 036.jpg	LNAPL Area looking West showing removal of debris prior o excavating.	W
2/23/06	000 037.jpg	LNAPL Area looking West showing excavation 5' beyond excavation limit.	W
2/23/06	000 038.jpg	Concrete vault demolished and removed west of LNAPL Area.	N
2/23/06	000 039.jpg	Petroleum sheen on water in LNAPL open excavation.	SW



000_036.jpg



000 037.jpg



000 0038.jpg



000 039.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 020-026

EEEP Project File:NV28.03

Date: Friday, Feb. 24, 2006

NYSDEC

DR: 020-026

Temperature: (F) 23 (am) 27 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: SW (am) SW (pm)

Weather: (am) Partly Cloudy
(pm) Clear

Contract # D005660

Arrive at site 0640 (am)

Buffalo, New York

Leave site: 1600 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (X)

Are monitoring results at acceptable levels?

Soil Yes () n/a (X) * No ()
Waters Yes () n/a (X) * No ()
Air Yes (X) n/a () * No ()

• If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (X)

Photos Taken:

Yes (X) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued to excavate soil from the west end of the Hydraulic Oil Spill Area (LNAPL) and direct load the soil to Pariso Trucking for disposal at Town of Tonawanda Landfill. Horizon also began dewatering the Hydraulic Oil Spill Area with a Vacuum Truck, transfer and discharge water to the infiltration basin. Horizon loaded out 13 trucks for a total of 289.08 tons of non-hazardous soil. In addition, Horizon removed a total of 50,000 gallons of water from the Hydraulic Oil Spill Area excavation. The floor of the excavation contained debris but native clay were visible in some areas.

Total tons of soil excavated from Hydraulic Oil Spill Area (LNAPL) to date = 3,861.36

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 0945 am reading downwind is .0018 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 020-026

EEEP Project File:NV28.03

Date: Friday, Feb. 24, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

Tonawanda Tank Transfer Services

United Rentals

** Indicates active equipment*

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

The task of demolition of the concrete foundation in the Hydraulic Oil Spill Area may extend past the submitted project schedule for completion of excavation.

PROJECT BUDGET ISSUES:

None to report

ITEMS OF CONCERN:

None to report.

COMMENTS:

None to report

ATTACHMENT(S) TO THIS REPORT: Daily Photos

SITE REPRESENTATIVE:

Greg Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D. Locey - NYSDEC Region 9
G. Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 020-026

EEEP Project File:NV28.03

Date: Friday, Feb. 24, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
2/23/06	000 040.jpg	LNAPL Area additional 5' excavation on west end of excavation.	NW
2/23/06	000 041.jpg	LNAPL Area excavation dewatering process.	W
2/23/06	000 042.jpg	Discharging water from LNAPL to infiltration basin	S



000_040.jpg



000 041.jpg



000 042.jpg



DAILY OBSERVATION REPORT

Daily Report No.: 021-027

EEEEPC Project File:NV28.03

Date: Monday, Feb. 27, 2006

NYSDEC

DR: 021-027

Temperature: (F) 14 (am) 25 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: NW (am) W (pm)

Weather: (am) Partly Cloudy
(pm) Clear

Contract # D005660

Arrive at site 0645 (am)

Buffalo, New York

Leave site: 1615 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (X)

Are monitoring results at acceptable levels?

Soil Yes () n/a (X) * No ()
Waters Yes () n/a (X) * No ()
Air Yes (X) n/a () * No ()

• If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (X)

Photos Taken:

Yes (X) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services began loading out the soil stockpile of non-hazardous soil in the TGA to Pariso Trucking. Horizon loaded out 25 trucks loads for a total of 529.13 tons of non-hazard soil. Horizon performed some site maintenance, by grading the ruts from the site access roads.

Total non-hazardous tons of soil excavated from TGA to date = 529.13

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1200 pm reading downwind is .0014 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DAILY OBSERVATION REPORT

Daily Report No.: 021-027

EEEP Project File:NV28.03

Date: Monday, Feb. 27, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

None to report

ITEMS OF CONCERN:

Analytical results from samples collected from excavated soil for the infiltration basin show high concentrations of total mercury (800ppm) in sample ID 1-2-21 and total lead at (98,000ppm) in sample ID 4-2-21.

COMMENTS:

None to report.

ATTACHMENT(S) TO THIS REPORT: Daily Photos

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 021-027

EEEEPC Project File:NV28.03

Date: Monday, Feb. 27, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
2/27/06	000 044.jpg	Loading out soil from TGA area to Pariso.	NE
2/27/06	000 045.jpg	Load out soil from the TGA.	S



000_044.jpg



000_045.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 022-028

EEEEPC Project File:NV28.03

Date: Tuesday, Feb. 28, 2006

NYSDEC

DR: 022-028

Temperature: (F) 11 (am) 27 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: NW (am) W (pm)

Weather: (am) Partly Cloudy
(pm) Partly Cloudy, Light Snow

Contract # D005660

Arrive at site 0652 (am)

Buffalo, New York

Leave site: 1600 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (X)

Are monitoring results at acceptable levels?

Soil Yes () n/a (X) * No ()

Waters Yes () n/a (X) * No ()

Air Yes (X) n/a () * No ()

• If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (X)

Photos Taken:

Yes (X) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued to load out non-hazardous soil from the stockpile in the TGA to Pariso Trucking. Horizon has also completed 80% of the 1' excavation in the TGA along with the 3' excavation. Horizon loaded out 18 trucks loads for a total of 375.04 tons of non-hazardous soil. Horizon performed some site maintenance, by grading ruts in the site access roads.

Total non-hazardous tons of soil excavated from TGA to date = 904.17

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 10:00 am reading downwind is .0032 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DAILY OBSERVATION REPORT

Daily Report No.: 022-028

EEEP Project File: NV28.03

Date: Tuesday, Feb. 28, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

None to report

ITEMS OF CONCERN:

The MW3 LNAPL excavation continues to contain a large volume of water. Horizon must dewater the area again.

COMMENTS:

Site Representative inform Horizon the MW3 LNAPL area will have to be dewatered again before confirmation samples can be collected.

ATTACHMENT(S) TO THIS REPORT: Daily Photos

SITE REPRESENTATIVE: Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc: D. Chiusano - Project Manager – NYSDEC
D. Locey - NYSDEC Region 9
G. Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 022-028

EEEEPC Project File:NV28.03

Date: Tuesday, Feb. 28, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
2/28/06	000 048.jpg	Horizon excavating slag 3.0 feet BGS in TGA.	S
2/28/06	000 049.jpg	Shows excavation 1.0 feet BGS in TGA.	NW



000_048.jpg



000_ 049.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 023-029

EEEPCC Project File:NV28.03

Date: Wednesday, Mar. 01, 2006

NYSDEC

DR: 023-029

Temperature: (F) 22 (am) 30 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: W (am) W (pm)

Weather: (am) Clear

(pm) Clear

Contract # D005660

Arrive at site 0640 (am)

Buffalo, New York

Leave site: 1600 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes ()

n/a (X)

* No ()

Waters

Yes ()

n/a (X)

* No ()

Air

Yes (X)

n/a ()

* No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes ()

No (X)

Photos Taken:

Yes (X)

No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services resumed excavating the west side of the Hydraulic Oil Spill Area (LNAPL) and stockpiling the soil within the limits of excavation. Horizon also used the Deere 200LC excavator to remove debris from the floor on the east side of the LNAPL excavation, exposing native clay throughout.

Total non-hazardous and hazardous tons of soil transported off site = 0

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 11:20 am reading downwind is .0015 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DAILY OBSERVATION REPORT

Daily Report No.: 023-029

EEEPC Project File:NV28.03

Date: Wednesday, Mar. 01, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: None

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

None to report

ITEMS OF CONCERN:

The MW3 LNAPL excavation continues to contain a large volume of water. Horizon must dewater the area again.

COMMENTS:

Horizon did not load out any soil today due a exceeding the original tonnage of non-hazardous soils received by the Town of Tonawanda Landfill, and the labs reporting of a parameter in incorrect units. Horizons Project manager spent the majority of the day correcting the analytical problem. EEEPC Project Manager issued a revised (04T) Waste Profile for an additional 2,000 tons of non-hazardous soil to Ensol, Inc.

ATTACHMENT(S) TO THIS REPORT: Daily Photos

SITE REPRESENTATIVE: Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc: D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 023-029

EEEEPC Project File:NV28.03

Date: Wednesday, Mar. 01, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/01/06	000 050.jpg	Horizon operator removing debris from floor of LNAPL excavation to clay.	S
3/01/06	000 051.jpg	Shows water in 8' excavation 6.0 feet BGS in TGA.	NE



000_050.jpg



000_051.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 024-030

EEEEPC Project File:NV28.03

Date: Thursday, Mar. 02, 2006

NYSDEC

DR: 024-030

Temperature: (F) 25 (am) 29 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: W (am) NW (pm)

Weather: (am) Heavy Snow Fall

(pm) Heavy Snow Fall

Contract # D005660

Arrive at site 0700 (am)

Buffalo, New York

Leave site: 1610 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes ()

n/a (X)

* No ()

Waters

Yes ()

n/a (X)

* No ()

Air

Yes (X)

n/a ()

* No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes ()

No (X)

Photos Taken:

Yes (X)

No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services resumed excavating the west side of the Hydraulic Oil Spill Area (LNAPL) and loading out stockpiled soil to Pariso Trucking for transport to Tonawanda Landfill. Horizon also used the Deere 200LC excavator to remove additional debris from the floor on the south end of the LNAPL excavation, exposing native clay. Horizon loaded out a total of 12 trucks for a total of 254.83 tons of non-hazardous soil.

Total of LNAPL non-hazardous soil transported off site to date = 4,116.49

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1005 am reading downwind is .0007 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 024-030

EEEP Project File: NV28.03

Date: Thursday, Mar. 02, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

None to report

ITEMS OF CONCERN:

The MW3 LNAPL excavation continues to contain a large volume of water. Horizon must dewater the area again.

COMMENTS:

Horizon has projected Monday March 6, 2006 as the final day of soil stockpile load out work in the MW3 Hydraulic Oil Spill Area.

ATTACHMENT(S) TO THIS REPORT: Daily Photos

SITE REPRESENTATIVE:

Gregory Jones

Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC

D. Locey - NYSDEC Region 9

G. Harris - Chief - NYSDEC

M. Steffan – E & E Buffalo

D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 024-030

EEEEPC Project File:NV28.03

Date: Thursday, Mar. 02, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/02/06	000_052.jpg	Loading out non-hazardous excavated soil from west side of LNAPL area.	SE
3/02/06	000_053.jpg	Excavating non-hazardous soil from southwest corner of LNAPL area.	SE



000_052.jpg



000_053.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 025-031

EEEEPC Project File:NV28.03

Date: Friday, Mar. 03, 2006

NYSDEC

DR: 025-031

Temperature: (F) 12 (am) 30 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: WNW (am) NW (pm)

Weather: (am) Clear

(pm) Clear

Contract # D005660

Arrive at site 0700 (am)

Buffalo, New York

Leave site: 1610 (pm)

HEALTH & SAFETY:Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes ()

n/a (X)

* No ()

Waters

Yes ()

n/a (X)

* No ()

Air

Yes (X)

n/a ()

* No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes ()

No (X)

Photos Taken:

Yes (X)

No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued excavating the west wall and southwest corner of the Hydraulic Oil Spill Area (LNAPL) and direct load soil to Pariso Trucking for transport to Tonawanda Landfill. Horizon performed site maintenance by clearing the site access roads of snow. Horizon loaded out a total of 34 trucks for a total of 740.20 tons of non-hazardous soil.

Total of LNAPL non-hazardous soil transported off site to date = 4,856.69

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1330 pm reading downwind is .0028 ug/m3

SAMPLING (Soil/Water/Air)**Contractor Sample ID:****E & E Sample ID:****Description:**

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DAILY OBSERVATION REPORT

Daily Report No.: 025-031

EEEP Project File: NV28.03

Date: Friday, Mar. 03, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

* Indicates active equipment

VISITORS TO SITE:

United Rental.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

None to report

ITEMS OF CONCERN:

The MW3 LNAPL excavation continues to contain a large volume of water in the northwest corner. Horizon must dewater the area again.

COMMENTS:

The MW3 (LNAPL) area soil excavation on the west wall contains a large amount of rail ties along with concrete and metal debris. The soil appears petroleum stained odor was noted during the excavation today.

ATTACHMENT(S) TO THIS REPORT: Daily Photos

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D. Locey - NYSDEC Region 9
G. Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 025-031

EEEEPC Project File:NV28.03

Date: Friday, Mar. 03, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/03/06	000_054.jpg	View of remainder of LNAPL west wall to be loaded out at excavation limit.	W
3/03/06	000_055.jpg	View of LNAPL southwest corner of excavation.	SE
3/03/06	000_056.jpg	View of LNAPL excavation west wall containing railroad ties.	W
3/03/06	000_057.jpg	View of debris excavation on west wall of LNAPL Area.	SW



000_054.jpg



000_055.jpg



000_056.jpg



000_057.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 025-031

EEEEPC Project File:NV28.03

Date: Friday, Mar. 03, 2006

DAILY OBSERVATION REPORT

Daily Report No.: 026-032

EEEEPC Project File:NV28.03

Date: Monday, Mar. 06, 2006

NYSDEC

DR: 026-032

Temperature: (F) 24 (am) 37 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: W (am) W (pm)

Weather: (am) Partly Cloudy

(pm) Overcast

Contract # D005660

Arrive at site 0655 (am)

Buffalo, New York

Leave site: 1600 (pm)

HEALTH & SAFETY:Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes () n/a (X) * No ()

Waters

Yes () n/a (X) * No ()

Air

Yes (X) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (X)

Photos Taken:

Yes (X) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services completed excavating 98% of Hydraulic Oil Spill Area (LNAPL) and direct load soil to Pariso Trucking for transport to Tonawanda Landfill. Horizon installed 460' of 20' section of discharge pipe extending from the Hydraulic Oil Spill Area excavation to the Infiltration Basin. Horizon dewatered the open excavation exposing the floor of the clay floor. Horizon loaded out a total of 32 trucks for a total of 755.63 tons of non-hazardous soil.

Total of LNAPL non-hazardous soil transported off site to date = 5,612.32

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1100 am reading downwind is .0021 ug/m3

SAMPLING (Soil/Water/Air)**Contractor Sample ID:****E & E Sample ID:****Description:**

LN-16W		Confirmation Soil Sample (west wall LNAPL Area)
LN-17W		Confirmation Soil Sample (west wall LNAPL Area)
LN-18F		Confirmation Soil Sample (floor of LNAPL Area)
LN-19F		Confirmation Soil Sample (floor of LNAPL Area)

DAILY OBSERVATION REPORT

Daily Report No.: 026-032

EEEPC Project File:NV28.03

Date: Monday, Mar. 06, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking
Rain for Rent

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

There is an estimated 1500 tons of non-hazardous soil to be loaded out under Bid Item 4B. The original estimated quantity of this material was 5,750 tons.

ITEMS OF CONCERN:

Horizon has not received all manifest from the disposal facility. EEEPC site representative informed Horizon the manifest will determine the soil quantities for bid item 4B on CAP #2, not the on site scale.

COMMENTS:

The Hydraulic Oil Spill Area (LNAPL) area has been excavated 98% to clay. The analysis of the confirmation samples collected will determine if further excavation is required.

ATTACHMENT(S) TO THIS REPORT: Daily Photos.

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 026-032

EEEEPC Project File:NV28.03

Date: Monday, Mar. 06, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/06/06	000 058.jpg	View of concrete removal from southwest corner of LNAPL excavation.	SW
3/06/06	000 059.jpg	View of clay on the floor of LNAPL southwest corner of excavation.	SW
3/06/06	000 060.jpg	View of remaining soil to be excavated from LNAPL area.	W
3/03/06	000 061.jpg	View LNAPL Area dewatering discharge to the infiltration basin.	SW
3/06/06	000 062.jpg	View of excavated west wall of LNAPL area.	N
3/06/06	000 063.jpg	View of east and north wall of excavated LNAPL area.	N
3/06/06	000 064.jpg	View of discharged water in infiltration basin.	S



000_058.jpg



000_059.jpg



000_060.jpg



000_061.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 026-032

EEEEPC Project File:NV28.03

Date: Monday, Mar. 06, 2006



000_063.jpg



000_064.jpg



000_065.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 027-033

EEEEPC Project File:NV28.03

Date: Tuesday, Mar. 07, 2006

NYSDEC

DR: 027-033

Temperature: (F) 25 (am) 37 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: W (am) W (pm)

Weather: (am) Clear

(pm) Clear

Contract # D005660

Arrive at site 0657 (am)

Buffalo, New York

Leave site: 1600 (pm)

HEALTH & SAFETY:Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes () n/a (X) * No ()

Waters

Yes () n/a (X) * No ()

Air

Yes (X) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (X)

Photos Taken:

Yes (X) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services completed excavating 100% of Hydraulic Oil Spill Area (LNAPL) and direct loaded soil to Pariso Trucking for transport to Tonawanda Landfill. The total number of trucks loaded to complete the LNAPL for today was five. With the total tonnage of non-hazardous soil removed from the LNAPL for the day = 109.56 tons. Horizon resumed loading out non-hazardous soil from the TGA to Pariso Trucking. A total of fourteen trucks were loaded for a total of 330.60 tons for the day. Horizon did not perform dewatering today.

Total of LNAPL non-hazardous soil transported off site to complete the LNAPL Area = 5,721.88 tons (Site Scale)

Total of TGA non-hazardous soil transported off site to date = 1,234.77 tons (Site Scale)

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1000 am reading downwind is .0029 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 027-033

EEEP Project File:NV28.03

Date: Tuesday, Mar. 07, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

There is an estimated 1500 tons of non-hazardous soil to be loaded out under Bid Item 4B. The original estimated quantity of this material was 5,750 tons.

ITEMS OF CONCERN:

None to report.

COMMENTS:

The Hydraulic Oil Spill Area (LNAPL) area has been excavated 100% to clay. Awaiting analysis of the confirmation samples which are due Mar. 9, 2006.

ATTACHMENT(S) TO THIS REPORT: Daily Photos.

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D. Locey - NYSDEC Region 9
G. Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 027-033

EEEEPC Project File:NV28.03

Date: Tuesday, Mar. 07, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/07/06	000_065.jpg	View of non-hazardous soil load out in the TGA.	N
3/07/06	000_066.jpg	View of slag material 4-feet BGS in the Test Pit # 2 area of the TGA.	SW
3/07/06	000_067.jpg	View of LNAPL Area. Post excavation 100%.	N
3/07/06	000_068.jpg	View of LNAPL Area Post excavation 100%.	SW
3/07/06	000_069.jpg	View of concrete foundation in Test Pit # 2 area of the TGA.	S
3/07/06	000_070.jpg	Overall view of the Test Pit # 2 excavation area in the TGA.	SW



000_065.jpg



000_066.jpg



000_067.jpg



000_068.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 027-033

EEEEPC Project File:NV28.03

Date: Tuesday, Mar. 07, 2006



000_069.jpg



000_070.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 028-034

EEEP Project File: NV28.03

Date: Wednesday, Mar. 08, 2006

NYSDEC

DR: 028-034

Temperature: (F) 24 (am) 45 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: WSW (am) W (pm)

Weather: (am) Clear

(pm) Clear

Contract # D005660

Arrive at site 0625 (am)

Buffalo, New York

Leave site: 1600 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes ()

n/a (X)

* No ()

Waters

Yes ()

n/a (X)

* No ()

Air

Yes (X)

n/a ()

* No ()

• If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes ()

No (X)

Photos Taken:

Yes (X)

No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued to excavate non-hazardous soil in the Test Pit # 2 area of the TGA and load out the soil to Pariso Trucking. A total of twenty trucks were loaded for a total of 472.32 tons for the day. Horizon also dewatered the LNAPL open excavation to the infiltration basin.

Total of TGA non-hazardous soil transported off site to date = 1,707.09 tons (Site Scale)

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1436 pm reading downwind is .0033 ug/m3

Progress Meeting # 3 conducted today.

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 028-034

EEEPC Project File:NV28.03

Date: Wednesday, Mar. 08, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

Root Neal (Site Scale)

United Rental

** Indicates active equipment*

VISITORS TO SITE:

Dave Chiusano – NYSDEC Project Manager

Dave Locey – NYSDEC Region 9

Mike Steffan – EEEPC Project Manager

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

Per today's Progress Meeting # 3, additional cost will be incurred from PCO # 2 which will include sample and analysis of soil from the infiltration basin excavation for characterization. And change of conditions for removal of slag in Test Pit # 2 area of the TGA. Both task shall be performed under T&M and monitored closely by EEEPC Site Representative.

ITEMS OF CONCERN:

None to report.

COMMENTS:

There were large amounts of refuse in the overburden on the east side of Test Pit # 2 in the TGA, which were excavated and stockpiled adjacent to the limit of excavation for the area.

ATTACHMENT(S) TO THIS REPORT: Daily Photos.

SITE REPRESENTATIVE:

Gregory Jones

Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC

D.Locey - NYSDEC Region 9

G.Harris - Chief - NYSDEC

M. Steffan – E & E Buffalo

D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 028-034

EEEEPC Project File:NV28.03

Date: Wednesday, Mar. 08, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/08/06	000 071.jpg	View of non-hazardous soil load out in the TGA.	SE
3/08/06	000 072.jpg	View of excavation around concrete foundations Test Pit # 2 area (TGA).	SE
3/08/06	000 073.jpg	View of oil seep at base of concrete foundation in Test Pit # 2 area (TGA).	SW
3/08/06	000 074.jpg	View of 1-foot excavation in TGA.	NE
3/08/06	000 075.jpg	View of load out to Pariso Trucking.	SE
3/08/06	000 076.jpg	View contractor personal performing mainentance on site access roads.	N



000_071.jpg



000_072.jpg



000_073.jpg



000_074.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 028-034

EEEPC Project File:NV28.03

Date: Wednesday, Mar. 08, 2006



000_075.jpg



000_076.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 029-035

EEEP Project File: NV28.03

Date: Thursday, Mar. 09, 2006

NYSDEC

DR: 029-035

Temperature: (F) 43 (am) 54 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: SW (am) SW (pm)

Weather: (am) Overcast, heavy rain

(pm) Overcast, light rain

Contract # D005660

Arrive at site 0700 (am)

Buffalo, New York

Leave site: 1600 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes ()

n/a (X)

* No ()

Waters

Yes ()

n/a (X)

* No ()

Air

Yes (X)

n/a ()

* No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes ()

No (X)

Photos Taken:

Yes (X)

No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued to excavate non-hazardous soil in the Test Pit # 2 area of the TGA, along with excavating down to six feet south and southwest in the TGA LNAPL Area exposing native clay. Horizon also dewatered the eight foot and five foot excavation in the TGA after analytical results showed the water was free of contaminants. Other work performed on site included the surveying of the Hydraulic Oil Spill Area (LNAPL). A total of nineteen trucks of non-hazardous soil from the TGA were loaded and transported to for the Tonawanda Landfill totaling 451.14 tons for the day. Horizon also dewatered the LNAPL open excavation to the infiltration basin.

Total of TGA non-hazardous soil transported off site to date = 2,158.23 tons (Site Scale)

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1436 pm reading downwind is .0033 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DAILY OBSERVATION REPORT

Daily Report No.: 029-035

EEEP Project File:NV28.03

Date: Thursday, Mar. 09, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system

Subcontractors: Pariso Trucking

Wendel Dusherer Surveying (1)

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

None to report.

ITEMS OF CONCERN:

None to report.

COMMENTS:

The final confirmation sample results for the Hydraulic Oil Spill Area (LNAPL) were received, and were clean. The contractor plans to begin placing backfill in the LNAPL excavation on Friday Mar.10th.

ATTACHMENT(S) TO THIS REPORT: Daily Photos.

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 029-035

EEEEPC Project File:NV28.03

Date: Thursday, Mar. 09, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/09/06	000_077.jpg	View of Wendel Dusherer personal surveying the LNAPL excavation.	NE
3/09/06	000_078.jpg	View of excavation on the southwest end of LNAPL area in (TGA).	SW
3/09/06	000_079.jpg	View of excavation on the west end of LNAPL area in (TGA).	W
3/09/06	000_080.jpg	View of dewatering of the 8-foot excavation in the TGA.	NW
3/09/06	000_081.jpg	View of petroleum sheen on water in the Test Pit # 2 excavation (TGA).	SE
3/09/06	000_082.jpg	View of excavation to native clay in LNAPL area of the TGA.	SE
3/09/06	000_083.jpg	View of Horizon and Wendel Dusherer conducting survey at LNAPL area.	E



000_077.jpg



000_078.jpg



000_079.jpg



000_080.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 029-035

EEEEPC Project File:NV28.03

Date: Thursday, Mar. 09, 2006



000_081.jpg



000_082.jpg



000_083.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 030-036

EEEP Project File: NV28.03

Date: Friday, Mar. 10, 2006

NYSDEC

DR: 030-036

Temperature: (F) 43 (am) 54 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: SW (am) SW (pm)

Weather: (am) Overcast, heavy rain

(pm) Overcast, light rain

Contract # D005660

Arrive at site 0700 (am)

Buffalo, New York

Leave site: 1615 (pm)

HEALTH & SAFETY:Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes ()

n/a (X)

* No ()

Waters

Yes ()

n/a (X)

* No ()

Air

Yes (X)

n/a ()

* No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes ()

No (X)

Photos Taken:

Yes (X)

No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued excavate non-hazardous soil in the LNAPL area of the TGA, to the native clay. Horizon also pumped out the remaining water in the LNAPL area excavation sump. Horizon began backfilling the LNAPL area with approved backfill material transported to the site by Pariso Trucking. Other work performed on site included collecting samples from the soil excavated for the infiltration basin, along with samples collected beneath the floor of the infiltration basin. A total of fourteen trucks of non-hazardous soil from the TGA LNAPL area were loaded and transported off site to the Town of Tonawanda Landfill, totaling 372.91 tons for the day.

Total of TGA non-hazardous soil transported off site to date = 2,486.14 tons (Site Scale Estimated Tonnage)

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1312 pm reading downwind is .0030 ug/m3

SAMPLING (Soil/Water/Air)**Contractor Sample ID:****E & E Sample ID:****Description:**

Basin - A		Soil Sample, stockpiled soil from infiltration basin
Basin - E		Soil Sample, stockpiled soil from infiltration basin
Basin - H		Soil Sample, stockpiled soil from infiltration basin
Basin - D		Soil Sample, stockpiled soil from infiltration basin
Berm - B1		Soil Sample, of infiltration basin wall
Berm - B2		Soil Sample, of infiltration basin wall
Berm - C1		Soil Sample, of infiltration basin wall

DAILY OBSERVATION REPORT

Daily Report No.: 030-036

EEEEPC Project File:NV28.03

Date: Friday, Mar. 10, 2006

Berm – C2		Soil Sample, of infiltration basin wall
Berm – F1		Soil Sample, of infiltration basin wall
Berm – G1		Soil Sample, of infiltration basin wall

DAILY OBSERVATION REPORT

Daily Report No.: 030-036

EEEEPC Project File:NV28.03

Date: Friday, Mar. 10, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system, Saka Compactor*

Subcontractors: Pariso Trucking
United Rental

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

None to report.

ITEMS OF CONCERN:

None to report.

COMMENTS:

The contractor is nearing the end of excavation operations in the TGA.

ATTACHMENT(S) TO THIS REPORT: Daily Photos.

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 030-036

EEEPCC Project File:NV28.03

Date: Friday, Mar. 10, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/10/06	000_084.jpg	View dewatering the sump in the LNAPL excavation prior to backfill	SE
3/10/06	000_085.jpg	View of excavation on the north end of LNAPL area in (TGA).	NW
3/10/06	000_086.jpg	View of the beginning of backfill at the northeast end of the LNAPL area.	NE
3/10/06	000_087.jpg	View of the beginning of backfill on the southeast end of the LNAPL area.	E
3/10/06	000_088.jpg	View of Horizon excavating soil from infiltration berm for further soil characterization for disposal (Per PCO # 2).	SE
3/10/06	000_089.jpg	View of floor excavation in the infiltration basin for further soil characterization (Per PCO # 2).	N
3/10/06	000_090.jpg	View of Horizon personal collecting infiltration basin floor sample.	N



000_084.jpg



000_085.jpg



000_086.jpg



000_087.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 030-036

EEEEPC Project File:NV28.03

Date: Friday, Mar. 10, 2006



000_088.jpg



000_089.jpg



000_090.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 031-037

EEEP Project File: NV28.03

Date: Monday, Mar. 13, 2006

NYSDEC

DR: 031-037

Temperature: (F) 51 (am) 64 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: WSW (am) SW (pm)

Weather: (am) Overcast, Thunder Storms
(pm) Overcast, High Wind, Rain

Contract # D005660

Arrive at site 0630 (am)

Buffalo, New York

Leave site: 1615 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (X)

Are monitoring results at acceptable levels?

Soil Yes () n/a (X) * No ()
Waters Yes () n/a (X) * No ()
Air Yes (X) n/a () * No ()

• If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (X)

Photos Taken:

Yes (X) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued excavate non-hazardous soil in the LNAPL area of the TGA, to the native clay. Other work performed included cutting re-bar from the concrete foundations. A total of sixteen trucks of non-hazardous soil from the TGA LNAPL area were loaded and transported off site to the Town of Tonawanda Landfill, totaling **378.85** tons for the day.

Total of TGA non-hazardous soil transported off site to date = **2,864.99** tons (Site Scale Estimated Tonnage)

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1430 pm reading downwind is .0012 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 031-037

EEEP Project File: NV28.03

Date: Monday, Mar. 13, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system, Saka Compactor*

Subcontractors: Pariso Trucking

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

None to report.

ITEMS OF CONCERN:

The contractor must dewater the TGA before excavation can continue.

The material is too wet to load out at this point.

COMMENTS:

The contractor could not install backfill material due to the severe wet conditions.

ATTACHMENT(S) TO THIS REPORT: Daily Photos.

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D. Locey - NYSDEC Region 9
G. Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 031-037

EEEEPC Project File:NV28.03

Date: Monday, Mar. 13, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/13/06	000_091.jpg	View of standing water on the west end in the LNAPL area.	N
3/13/06	000_092.jpg	View of standing water on the east and north end of the LNAPL area.	NW
3/13/06	000_093.jpg	View of Horizon personal assembling discharge pipe from the LNAPL area.	S
3/13/06	000_094.jpg	View of standing water in the TGA LNAPL excavation.	SE
3/13/06	000_095.jpg	View of standing water in the north end of TGA LNAPL excavation.	SE
3/13/06	000_096.jpg	View of three foot excavation north end of the TGA.	N
3/13/06	000_097.jpg	View of infiltration basin floor condition.	W



000_091.jpg



000_092.jpg



000_093.jpg



000_094.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 031-037

EEEEPC Project File:NV28.03

Date: Monday, Mar. 13, 2006



000_095.jpg



000_096.jpg



000_097.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 032-038

EEEEPC Project File:NV28.03

Date: Tuesday, Mar. 14, 2006

NYSDEC

DR: 032-038

Temperature: (F) 33 (am) 30 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: NW (am) NW (pm)

Weather: (am) Overcast, Blowing Snow
(pm) Overcast, High Wind Gust

Contract # D005660

Arrive at site 0645 (am)

Buffalo, New York

Leave site: 1620 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (X)

Are monitoring results at acceptable levels?

Soil Yes () n/a (X) * No ()

Waters Yes () n/a (X) * No ()

Air Yes (X) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (X)

Photos Taken:

Yes (X) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued to excavate non-hazardous soil in the LNAPL area of the TGA, to the native clay. Horizon began dewatering the LNAPL area discharging water to the infiltration basin.. A total of **four** trucks of non-hazardous soil from the TGA LNAPL area were loaded and transported off site to the Town of Tonawanda Landfill, totaling **93.51** tons for the day.

Total of TGA non-hazardous soil transported off site to date = **2,958.85** tons (Site Scale Estimated Tonnage)

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1145 am reading downwind is .0040 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 032-038

EEEPC Project File:NV28.03

Date: Tuesday, Mar. 14, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system, Saka Compactor*

Subcontractors: Pariso Trucking

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

None to report.

ITEMS OF CONCERN:

The contractor's trailer was broken in over night and attempted break in of the NYSDEC trailer. EEEPC site representative directed Horizon to report the incident to the Buffalo Police. The only item taken was Horizons two way radios.

COMMENTS:

The contractor should complete the TGA LNAPL excavations 100% by the end of the week..

ATTACHMENT(S) TO THIS REPORT: Daily Photos.

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 032-038

EEEEPC Project File:NV28.03

Date: Tuesday, Mar. 14, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/14/06	000 098.jpg	View of Horrizon dewatering the LNAPL area.	N
3/14/06	000 099.jpg	View water from LNAPL area discharged to infiltration basin	N
3/14/06	000 100.jpg	View of Horizon excavating to the limit of excavation in TGA LNAPL area.	NE
3/14/06	000 101.jpg	View of remaining stockpiled soil in TGA LNAPL area.	N



000_098.jpg



000_099.jpg



000_100.jpg



000_101.jpg

DAILY OBSERVATION REPORT

Daily Report No.: 032-038

EEEEPC Project File:NV28.03

Date: Tuesday, Mar. 14, 2006

DAILY OBSERVATION REPORT

Daily Report No.: 033-039

EEEP Project File: NV28.03

Date: Wednesday, Mar. 15, 2006

NYSDEC

DR: 032-038

Temperature: (F) 33 (am) 36 (pm)

**Division of Environmental Remediation
Shenago Steel Mold Site, NYSDEC Site
#9-15-172**

Wind Direction: W (am) W 30 (pm)

Weather: (am) Mostly Cloudy and Windy

(pm) Mostly Cloudy and Windy

Contract # D005660

Arrive at site 0930 (am)

Buffalo, New York

Leave site: 1620 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes ()

No (X)

Are monitoring results at acceptable levels?

Soil

Yes ()

n/a (X)

* No ()

Waters

Yes ()

n/a (X)

* No ()

Air

Yes (X)

n/a ()

* No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes ()

No (X)

Photos Taken:

Yes (X)

No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

Horizon is placing backfill and dewatering the LNAPL area. Loadout from the TGA LNAPL area is also in progress, but is proceeding slowly. Minor access roadway maintenance was performed. Pariso Trucking is hauling fill and dumping it at the east side of the LNAPL excavation.

PM: Horizon moved the dewatering pump to the TGA. Continued to load out from the TGA. Large quantities of backfill are being placed at the LNAPL Area.

A total of **14** trucks of non-hazardous soil from the GA LNAPL area were loaded and transported off site to the Town of Tonawanda Landfill, totaling **342.60** tons for the day.

Total of TGA non-hazardous soil transported off site to date = **3,301.45** (Site Scale Estimated Tonnage)

Dust monitors were installed upwind and downwind of the Hydraulic Oil Spill Area excavation 1315 pm reading downwind is .0043 ug/m3

SAMPLING (Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 033-039

EEEP Project File: NV28.03

Date: Wednesday, Mar. 15, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel: Scott Clary (site superintendent), Brian Spangler, Ed Pooters (operator), Doug Klonsinski (operator) onsite.

Horizon equipment: JCB 330LC excavator*, John Deere 200LC excavator w/hammer*, John Deere 624H Front Loader*, water treatment system, Saka Compactor*

Subcontractors: Pariso Trucking

EZ Does It (portable toilets)

* Indicates active equipment

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report.

PROJECT BUDGET ISSUES:

CAP #2 approval pending

ITEMS OF CONCERN:

None to Report

COMMENTS:

The contractor is backfilling the LNAPL area carefully, as the subbase is very soft. The equipment operators are pushing fill into the excavation directly from the dump area, keeping the accumulated groundwater ahead of the push. Fill direction is from east to west.

TGA Area excavation is being dewatered.

ATTACHMENT(S) TO THIS REPORT: Daily Photos.

SITE REPRESENTATIVE:

Jeff Kohler
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 033-039

EEEEPC Project File: NV28.03

Date: Wednesday, Mar. 15, 2006

DAILY PHOTOLOG

Date	Photo ID	Description	Direction
3/15/06	1	View of LNAPL Area showing backfill operations	SE
3/15/06	2	View of LNAPL Area showing fill offloading area	S
3/15/06	3	View of LNAPL Area showing direct fill placement at northeast corner	NE
3/15/06	4	View of TGA LNAPL Area showing excavator and groundwater conditions	N



Photo 1 LNAPL Area



Photo 2 LNAPL Area

DAILY OBSERVATION REPORT

Daily Report No.: 033-039

EEEP Project File: NV28.03

Date: Wednesday, Mar. 15, 2006



Photo 3 LNAPL Area



Photo 4 TGA LNAPL Area

DAILY OBSERVATION REPORT

Daily Report No.: 034-040

EEEPCC Project File: NV28.03

Date: Thursday, Mar. 16, 2006

NYSDEC

DR: 034-040

Temperature: 30°F am 36°F pm

**Division of Environmental
Remediation**

Wind Direction: W 13 am SW 18 pm
G 23

**Shenango Steel Mold Site, NYSDEC
Site #9-15-172**

Weather: am Sunny

pm Sunny

Contract # D005660

Arrive at site 0630 am

Buffalo, New York

Leave site: 1635 pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels? Soil
Water
Air

Yes () n/a () * No ()

Yes () n/a (x) * No ()

Yes (x) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

GC is weighing in empty trucks and sending them to the TGA for loading from the TGA/LNAPL Area, and continues to load out non-hazardous material from the TGA. Backfill operations at the LNAPL Area are in progress.

Dust monitors are in operation upwind and downwind of the Hydraulic Oil Spill Area excavation. 10:15 am reading downwind is .065 mg/m³.

PM:

HEC continues to place Backfill in the LNAPL Area, and load non-hazardous material out of the TGA.

Dust monitors are in operation upwind and downwind of the Hydraulic Oil Spill Area excavation. 0130pm reading downwind is .027 mg/m³.

Summary:

Backfill placed in LNAPL Area to date is **3377.03** Tons.

A total of **21** truckloads of non-hazardous soil from the TGA LNAPL area were transported off site to the Town of Tonawanda Landfill, totaling **502.62** tons for the day. Total of TGA non-hazardous soil transported off site to date = **3803.65** (Site Scale Estimated Tonnage)

SAMPLING

(Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 034-040

EEEPC Project File: NV28.03

Date: Thursday, Mar. 16, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Scott Clary (Health and Safety Officer)
Brian Spangler (Site Superintendent)
Ed Pooters (Equipment Operator)
Doug Klonsinski (Equipment Operator)

Horizon equipment:

JCB 220LC excavator*
John Deere 200LC excavator*
John Deere 624H Front Loader*
6" trailer mounted trash pump*
Saka Compactor

* *Indicates active equipment*

Subcontractors:

Pariso Trucking
Oneida Trucking

VISITORS TO SITE:

None

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

None to Report

ITEMS OF CONCERN:

LNAPL Area must be dewatered prior to placement of additional fill. Adequate compaction levels will become difficult to achieve as water in the excavation modifies the moisture content of the fill material. HEC has been advised and is removing excess water prior to placing additional material.

Testing by SJB is scheduled for tomorrow.

COMMENTS:

Trash plugged the dewatering piping at the TGA LNAPL excavation. HEC requested permission to temporarily pull pipe plugs in the manholes to drain off excess groundwater to allow them to continue to load out from the area. EEEPC and NYSDEC were contacted and the request was denied.

HEC performed maintenance on the Deere 200LC w/slag breaker. Hours of operation were 5 total on 3/15/06. The breaker was dismantled from the excavator and is not in use today.

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Jeff Kohler
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 034-040

EEEEPC Project File: NV28.03

Date: Thursday, Mar. 16, 2006

DAILY PHOTO LOG

Date	Photo ID	Description	Direction
3/16/06	1,2	View of LNAPL Area showing backfill placement	SE
3/16/06	3	View of LNAPL Area showing backfill placement and fill offload area	W
3/16/06	4,5	TGA LNAPL Area and truck load operations	N, NE
3/16/06	6	View of TGA LNAPL Area	SE



Photo 1 LNAPL Area



Photo 2 LNAPL Area



Photo 3 LNAPL Area

DAILY OBSERVATION REPORT

Daily Report No.: 034-040

EEEEPC Project File: NV28.03

Date: Thursday, Mar. 16, 2006



Photo 4 TGA LNAPL Area



Photo 5 TGA LNAPL Area



Photo 6 TGA LNAPL Area

DAILY OBSERVATION REPORT

Daily Report No.: 035-041

EEEP Project File: NV28.03

Date: Friday, Mar. 17, 2006

NYSDEC

DR: 035-041

Temperature: 23°F am 29°F pm

**Division of Environmental
Remediation**

Wind Direction: N6 am N10 pm

**Shenago Steel Mold Site, NYSDEC
Site #9-15-172**

Weather: am Fair
pm A Few Clouds

Contract # D005660

Arrive at site 0630 am

Buffalo, New York

Leave site: 0430 pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels? Soil
Water
Air

Yes () n/a () * No ()
Yes () n/a (x) * No ()
Yes (x) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

GC is weighing in a few empty trucks and sending them to the TGA for loading from the TGA/LNAPL Area, and continues to load out non-hazardous material. Concentration of effort this morning is to compact backfill layers in the LNAPL Area.

Dust monitors are in operation upwind and downwind of the TGA Hydraulic Oil Spill Area excavation. 9:15 am reading downwind is .007mg/m³.

PM:

Backfill operations are proceeding smoothly. SJB on site at 12:30 PM to perform backfill compaction testing. Percentage of backfill completion at the LNAPL excavation is 85 to 90%.

GC is moving dewatering piping and pump equipment back to the TGA.

Dust monitors are in operation upwind and downwind of the Hydraulic Oil Spill Area excavation. 0118pm reading downwind is .107mg/m³.

Summary:

Backfill placed in LNAPL Area to date is **1729.87** Tons. Total Backfill placed at LNAPL Area to date = **5084.08**

A total of **25** truckloads of non-hazardous soil from the TGA LNAPL area were transported off site to the Town of Tonawanda Landfill, totaling **587.88** tons for the day. Total of TGA non-hazardous soil transported off site to date = **3888.91** (Site Scale Estimated Tonnage)

SAMPLING

(Soil/Water/Air)

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 035-041

EEEP Project File: NV28.03

Date: Friday, Mar. 17, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Scott Clary (Health and Safety Officer)

Brian Spangler (Site Superintendent)

Doug Klonsinski (Equipment Operator)

Horizon equipment:

JCB 220LC excavator*

John Deere 200LC excavator*

John Deere 624H Front Loader*

6" trailer mounted trash pump

Sakai Compactor*

* Indicates active equipment

Subcontractors:

Pariso Trucking

Onieda Trucking

SJB Soils Investigations Inc.

VISITORS TO SITE:

None

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

None to Report

ITEMS OF CONCERN:

None to Report

COMMENTS:

HEC did not use the Deere 200LC w/slag breaker today. Hours of operation are 5 total as of 3/17/06.

Preliminary compaction test results for the LNAPL Backfilled Area indicate 92% to 94%. A hard copy of the results will be submitted upon receipt.

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Jeff Kohler
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 035-041

EEEEPC Project File: NV28.03

Date: Friday, Mar. 17, 2006

DAILY PHOTO LOG

Date	Photo ID	Description	Direction
3/17/06	1	View of TGA LNAPL Area	N
3/17/06	2	Close up view of TGA LNAPL Area showing stockpile	N
3/17/06	3	View of LNAPL Area backfill placement	NE
3/17/06	4,5	Views of LNAPL Area showing backfill placement and compaction testing	E



Photo 1 TGA LNAPL Area



Photo 2 TGA LNAPL Area



Photo 3 LNAPL Area

DAILY OBSERVATION REPORT

Daily Report No.: 035-041

EEEEPC Project File: NV28.03

Date: Friday, Mar. 17, 2006



Photo 4 LNAPL Area



Photo 5 LNAPL Area

DAILY OBSERVATION REPORT

Daily Report No.: 036-042

EEEP Project File: NV28.03

Date: Monday, Mar. 20, 2006

NYSDEC

DR: 036-042

**Division of Environmental
Remediation**

**Shenango Steel Mold Site, NYSDEC
Site #9-15-172**

Contract # D005660

Buffalo, New York

Temperature: 25°F am 28°F pm

Wind Direction: N14 am N10 pm

Weather: am Light Snow
pm Partly Cloudy

Arrive at site 0630 am

Leave site: 0400 pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels? Soil
Water
Air

Yes () n/a () * No ()
Yes () n/a (x) * No ()
Yes (x) n/a () * No ()

• If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

GC is dewatering and stockpiling non-hazardous materials at the TGA. Tire repairs are in progress on the Deere Front end loader.

Dust monitors are in operation upwind and downwind of the TGA Hydraulic Oil Spill Area excavation. 9:40 am reading downwind is .011 mg/m³.

PM:

GC continues to dewater and stockpile non-hazardous material at the TGA. Finish grading with remaining backfill stockpile is underway at the LNAPL Area. Surveyors here to record topo data.

Dust monitors are in operation upwind and downwind of the TGA Hydraulic Oil Spill Area excavation. 1:18 pm reading downwind is .037 mg/m³.

Summary:

No additional backfill was brought on site for the LNAPL Area. Percentage of completion is virtually 100%.

A total of **0** truckloads of non-hazardous soil from the TGA LNAPL area were transported off site to the Town of Tonawanda Landfill, totaling **0.00** tons for the day. Total of TGA non-hazardous soil transported off site to date = **5084.08** (Site Scale Estimated Tonnage)

SOIL/WATER/AIR SAMPLING

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 036-042

EEEP Project File: NV28.03

Date: Monday, Mar. 20, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Scott Clary (Health and Safety Officer)
Brian Spangler (Site Superintendent)
Ed Pooters (Equipment Operator)
Doug Klonsinski (Equipment Operator)

Horizon equipment:

JCB 220LC excavator*
John Deere 200LC excavator*
John Deere 624H Front Loader*
6" trailer mounted trash pump*
Sakai Compactor

* Indicates active equipment

Subcontractors:

Prieshel Tire Repair Service
Wendel Duscherer Surveyors

VISITORS TO SITE:

None

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

None to Report

ITEMS OF CONCERN:

None to Report

COMMENTS:

HEC did not use the Deere 200LC w/slag breaker today.

Deere 624H Front End Loader picked up a flat rear tire, but was operational by 11 am.

BHC Steel Corp recovered the steel scrap stockpile near the TGA.

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Jeff Kohler
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M. Steffan – E & E Buffalo
D. Miller – E & E Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 036-042

EEEPCC Project File: NV28.03

Date: Monday, Mar. 20, 2006

DAILY PHOTO LOG

Date	Photo ID	Description	Direction
3/20/06	1	Equipment repairs at the Staging Area	S
3/20/06	2	Stockpiled non-hazardous materials at the TGA	E
3/20/06	3	Dewatering Operations at the TGA	SE



Photo 1 Staging Area



Photo 2 TGA Stockpile



Photo 3 Dewatering TGA

DAILY OBSERVATION REPORT

Daily Report No.: 037-043

EEEPCC Project File: NV28.03

Date: Tuesday, Mar. 21, 2006

NYSDEC

DR: 037-043

Temperature: 21°F am 31°F pm

**Division of Environmental
Remediation**

Wind Direction: NW6 am NW8 pm

**Shenango Steel Mold Site, NYSDEC
Site #9-15-172**

Weather: am A Few Clouds
pm Partly Cloudy

Contract # D005660

Arrive at site 0700 am

Buffalo, New York

Leave site: pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels?
Soil
Water
Air

Yes () n/a () * No ()

Yes () n/a (x) * No ()

Yes (x) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

GC is loading out non-hazardous material from the TGA Area to the EnSol Landfill from the TGA stockpile. Touch up backfill operations are in progress along the existing concrete wall at the west side of the LNAPL Area, and GC is reclaiming orange safety fencing from the LNAPL perimeter.

Dust monitors are in operation upwind and downwind of the TGA Hydraulic Oil Spill Area excavation. 08:30 am reading downwind is .021 mg/m³.

PM:

GC continued to load out non-hazardous material from the TGA Area to the EnSol Landfill from the TGA stockpile. Backfill was placed in the TGA using overburden stockpile. Backfill and staging operations at the north end of the Infiltration Basin were in progress in the late afternoon. Construction fencing was repaired at the north basin access point.

Dust monitors are in operation upwind and downwind of the TGA Hydraulic Oil Spill Area excavation. 3:32 pm reading downwind is .020 mg/m³.

Summary:

No additional backfill was brought on site for the LNAPL Area. Percentage of completion is virtually 100%.

A total of **20** truckloads of non-hazardous soil from the TGA LNAPL area were transported off site to the Town of Tonawanda Landfill, totaling **464.33** tons for the day. Total of TGA non-hazardous soil transported off site to date = **4353.24** (Site Scale Estimated Tonnage)

SOIL/WATER/AIR SAMPLING

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 037-043

EEEPD Project File: NV28.03

Date: Tuesday, Mar. 21, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Scott Clary (Health and Safety Officer)
Brian Spangler (Site Superintendent)
Ed Pooters (Equipment Operator)
Doug Klonsinski (Equipment Operator)

Horizon equipment:

JCB 220LC excavator*
John Deere 200LC excavator*
John Deere 624H Front Loader*
6" trailer mounted trash pump
Sakai Compactor

* Indicates active equipment

Subcontractors:

Pariso Trucking
Oneida Trucking

VISITORS TO SITE:

Michael G. Steffan, Project Manager EEEPC

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

Overrun on excavation quantities for the LNAPL and TG areas. Overrun quantities need to be included in an end of project change order.

ITEMS OF CONCERN:

None to Report

COMMENTS:

HEC did not use the Deere 200LC w/slag breaker today.
HEC changed out the fuel filter in the MQ Power 45 AC Generator between 0815 and 0830 hours.

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Jeffrey J. Kohler
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M.G. Steffan – EEEPC Buffalo
D.J. Miller, P.E.– EEEPC Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 037-043

EEEPCC Project File: NV28.03

Date: Tuesday, Mar. 21, 2006

DAILY PHOTO LOG

Date	Photo ID	Description	Direction
3/21/06	1	View of Grading Operations at the LNAPL Area	W
3/21/06	2	View of TGA material Stockpile	NE
3/21/06	3	View of LNAPL Area backfilled	SW
3/21/06	4,5	Composite of TGA overburden backfill in place	E



Photo 1



Photo 2



Photo 3

DAILY OBSERVATION REPORT

Daily Report No.: 037-043

EEEEPC Project File: NV28.03

Date: Tuesday, Mar. 21, 2006



Photo 4



Photo 5

DAILY OBSERVATION REPORT

Daily Report No.: 038-044

EEEP Project File: NV28.03

Date: Wednesday, Mar. 22, 2006

NYSDEC

DR: 038-044

**Division of Environmental
Remediation**

**Shenango Steel Mold Site, NYSDEC
Site #9-15-172**

Temperature: 29°F am 33°F pm

Wind Direction: W10 am W9 pm

Weather: am Light Snow
pm Overcast

Contract # D005660

Arrive at site 0630 am

Buffalo, New York

Leave site: 0430 pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels? Soil
Water
Air

Yes () n/a () * No ()

Yes () n/a (x) * No ()

Yes (x) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

GC is loading out remaining non-hazardous material from the TGA Area to the EnSol Landfill from the TGA stockpile. The 6" trailer mounted trash pump discharge piping was frozen at the pump and had to be cleared before dewatering operations could begin. Excavation operations at the TGA are virtually complete.

DustTrak monitor is in operation downwind of the TGA Hydraulic Oil Spill Area excavation. 10:33 am reading was .011 mg/m³.

PM:

GC loaded out the last truck load of non-hazardous material from the TGA. Verbal confirmation of contaminant levels below cleanup criteria was received from Hudson Labs. On this basis the GC elected to begin final dewatering and backfill operations as of 7:00 am 3/23/06.

Summary:

A total of 4 truckloads of non-hazardous soil from the TGA LNAPL area were transported off site to the Town of Tonawanda Landfill, totaling **94.11** tons for the day. Total of TGA non-hazardous soil transported off site to date = **4447.35** (Site Scale Estimated Tonnage)

SOIL/WATER/AIR SAMPLING

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 038-044

EEEPC Project File: NV28.03

Date: Wednesday, Mar. 22, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Scott Clary (Health and Safety Officer)
Brian Spangler (Site Superintendent)
Ed Pooters (Equipment Operator)
Doug Klonsinski (Equipment Operator)

Horizon equipment:

JCB 220LC excavator*
John Deere 200LC excavator*
John Deere 624H Front Loader*
6" trailer mounted trash pump*
Sakai Compactor

* Indicates active equipment

Subcontractors:

Pariso Trucking
Oneida Trucking
Wendel Duscherer Surveyors

VISITORS TO SITE:

Michael G. Steffan, Project Manager EEEPC
David Chiusano, Project Manager NYSDEC

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

None to Report

ITEMS OF CONCERN:

None to Report

COMMENTS:

Progress Meeting No 4 was held at the site.

HEC did not use the Deere 200LC w/slag breaker today. The 6" trailer mounted trash pump was operational by 10:30 am.

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Jeffrey J. Kohler
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M.G. Steffan – EEEPC Buffalo
D.J. Miller, P.E.– EEEPC Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 038-044

EEEEPC Project File: NV28.03

Date: Wednesday, Mar. 22, 2006

DAILY PHOTO LOG

Date	Photo ID	Description	Direction
3/22/06	1	View of TGA stockpile	NE
3/22/06	2	View of Dewatering piping from TGA	NW
3/22/06	3	View of backfill progress at Infiltration Basin	SE
3/22/06	4	View of backfill progress at Infiltration Basin	S



Photo 1



Photo 2



Photo 3

DAILY OBSERVATION REPORT

Daily Report No.: 038-044

EEEPD Project File: NV28.03

Date: Wednesday, Mar. 22, 2006



Photo 4

DAILY OBSERVATION REPORT

Daily Report No.: 039-045

EEEP Project File: NV28.03

Date: Thursday, Mar. 23, 2006

NYSDEC

DR: 038-044

Temperature: 32°F am 38 pm

**Division of Environmental
Remediation**

Wind Direction: NW am W pm

**Shenango Steel Mold Site, NYSDEC
Site #9-15-172**

Weather: am Overcast
pm Clear

Contract # D005660

Arrive at site 0630 am

Buffalo, New York

Leave site: 1600 pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels? Soil
Water
Air

Yes () n/a () * No ()
Yes () n/a (x) * No ()
Yes (x) n/a () * No ()

• If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

GC is dewatering and backfilling the TGA.

GC backfilling infiltration basin with excavated soil from the infiltration basin.

DustTrak monitor is in operation downwind of the TGA Hydraulic Oil Spill Area excavation. am reading was .025 mg/m³.

PM:

GC continued to backfill the infiltration basin with excavated soil and completed the work 90%.

GC continued to backfill the TGA with approved backfill material transported to the site.

Summary:

No non-hazardous soil from the TGA LNAPL area was transported off site today. Total of TGA non-hazardous soil transported off site to date = **4447.35** (Site Scale Estimated Tonnage)

SOIL/WATER/AIR SAMPLING

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 039-045

EEEPC Project File: NV28.03

Date: Thursday, Mar. 23, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Scott Clary (Health and Safety Officer)
Brian Spangler (Site Superintendent)
Ed Pooters (Equipment Operator)
Doug Klonsinski (Equipment Operator)

Horizon equipment:

JCB 220LC excavator*
John Deere 200LC excavator*
John Deere 624H Front Loader*
6" trailer mounted trash pump*
Sakai Compactor

* Indicates active equipment

Subcontractors:

AT&A Tripi Trucking

VISITORS TO SITE:

Jeffrey Kohler, EEEPC

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

None to Report

ITEMS OF CONCERN:

None to Report

COMMENTS:

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Gregory Jones
Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC
D.Locey - NYSDEC Region 9
G.Harris - Chief - NYSDEC
M.G. Steffan – EEEPC Buffalo
D.J. Miller, P.E. – EEEPC Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 039-045

EEEPCC Project File: NV28.03

Date: Thursday, Mar. 23, 2006

DAILY PHOTO LOG

Date	Photo ID	Description	Direction
3/23/06	1	View of excavated backfill material placed in the infiltration basin.	S
3/23/06	2	View of backfill material placed in the TGA.	NW
3/23/06	3	View of backfill material delivery to the TGA.	S
3/23/06	4	View of infiltration basin backfilled 90% complete.	S
3/23/06	5	View of TGA after todays backfill effort.	SE



Photo #1



Photo #2

DAILY OBSERVATION REPORT

Daily Report No.: 039-045

EEEEPC Project File: NV28.03

Date: Thursday, Mar. 23, 2006



Photo #3



Photo #4



Photo #5

DAILY OBSERVATION REPORT

Daily Report No.: 040-045

EEEP Project File: NV28.03

Date: Friday, Mar. 24, 2006

NYSDEC

DR: 040-045

**Division of Environmental
Remediation**

**Shenango Steel Mold Site, NYSDEC
Site #9-15-172**

Temperature: 33°F am 38 pm

Wind Direction: W am W pm

Weather: am Overcast
pm Overcast

Contract # D005660

Arrive at site 0630 am

Buffalo, New York

Leave site: 1600 pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels? Soil
Water
Air

Yes () n/a () * No ()
Yes () n/a (x) * No ()
Yes (x) n/a () * No ()

• If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

AM:

GC backfilling the TGA.

GC backfilling infiltration basin with excavated soil from the infiltration basin.

DustTrak monitor is in operation downwind of the TGA Hydraulic Oil Spill Area excavation. am reading was .018 mg/m³.

PM:

GC completed plugging the pipe laterals in manholes #2 and #3 with portland cement.

GC continued to backfill the TGA with approved backfill material transported to the site.

GC excavated approximately 20.00 tons of additional soil from southeast end of the TGA.

Summary:

No non-hazardous soil from the TGA LNAPL area was transported off site today. Total of TGA non-hazardous soil transported off site to date = **4447.35** (Site Scale Estimated Tonnage)

SOIL/WATER/AIR SAMPLING

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 040-045

EEEEPC Project File: NV28.03

Date: Friday, Mar. 24, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Scott Clary (Health and Safety Officer)

Brian Spangler (Site Superintendent)

Ed Pooters (Equipment Operator)

Doug Klonsinski (Equipment Operator)

Horizon equipment:

JCB 220LC excavator*

John Deere 200LC excavator*

John Deere 624H Front Loader*

6" trailer mounted trash pump*

* Indicates active equipment

Subcontractors:

AT&A Tripi Trucking

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

None to Report

ITEMS OF CONCERN:

One confirmation sample in the TGA was above the clean up criteria. The GC excavated additional soil from that area and collected a confirmation sample. That area had not been backfilled.

COMMENTS:

The Sakai compactor and hammer attachment were demobilized off site today. Also the GC issued notice of substantial completion letter to EEEPC Project Manager to be performed on March 28, 2006.

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Gregory Jones

Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC

D.Locey - NYSDEC Region 9

G.Harris - Chief - NYSDEC

M.G. Steffan – EEEPC Buffalo

D.J. Miller, P.E.– EEEPC Buffalo

DAILY PHOTO LOG

DAILY OBSERVATION REPORT

Daily Report No.: 040-045

EEEEPC Project File: NV28.03

Date: Friday, Mar. 24, 2006

Date	Photo ID	Description	Direction
3/24/06	1	View of concrete placed in manhole #3 to seal pipes.	N/A
3/24/06	2	View of backfill material placed on the southeast end of the TGA.	SE
3/24/06	3	View of overall backfill material in the TGA.	S
3/24/06	4	View of additional excavation were confirmation sample was above clean up criteria..	SE



Photo #1



Photo #2

DAILY OBSERVATION REPORT

Daily Report No.: 040-045

EEEEPC Project File: NV28.03

Date: Friday, Mar. 24, 2006



Photo #3



Photo #4

DAILY OBSERVATION REPORT

Daily Report No.: 041-046

EEEPCC Project File: NV28.03

Date: Monday, Mar. 27, 2006

NYSDEC

DR: 041-046

Temperature: 35°F am 45 pm

**Division of Environmental
Remediation**

Wind Direction: SW am SW pm

**Shenango Steel Mold Site, NYSDEC
Site #9-15-172**

Weather: am Clear

pm Clear

Contract # D005660

Arrive at site 0635 am

Buffalo, New York

Leave site: 1600 pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels? Soil
Water
Air

Yes () n/a () * No ()

Yes () n/a (x) * No ()

Yes (x) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services continued to backfill the TGA with imported material. Horizon loaded out 100 % of the excavated soil from the infiltration basin for disposal to Oneida Trucking. The soil was transported to Allied Landfill per PCO # 004. Horizons subcontractor (SJB Drilling) performed five compaction test in the TGA, with compactions ranging from 90% to 94.4%. Other work performed by Horizon included excavating an additional 4.63 tons of soil from the southeast end of the LNAPL TGA due to the confirmation sample results in that area exceeding the clean up levels established in the contract document. Horizon also continued to backfill the infiltration basin.

DustTrak monitor is in operation downwind of the TGA Hydraulic Oil Spill Area excavation. am reading was .018 mg/m³.

A total of **4451.98 tons** of non-hazardous soil has been removed from the LNAPL TGA to date (Site Scale Estimated Tonnage).

SOIL/WATER/AIR SAMPLING

Contractor Sample ID:

E & E Sample ID:

Description:

TG-14WRR

Soil Confirmation Sample

DAILY OBSERVATION REPORT

Daily Report No.: 041-046

EEEPD Project File: NV28.03

Date: Monday, Mar. 27, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Scott Clary (Health and Safety Officer) NOT ON SITE

Brian Spangler (Site Superintendent) NOT ON SITE

Ed Pooters (Equipment Operator, Health and Safety Officer)

Doug Klonsinski (Equipment Operator)

Horizon equipment:

JCB 220LC excavator*

John Deere 200LC excavator*

John Deere 624H Front Loader*

* Indicates active equipment

Subcontractors:

Oneida Trucking

SJB Drilling

Pariso Trucking

VISITORS TO SITE:

United Rentals.

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

None to Report

ITEMS OF CONCERN:

The additional confirmation sample collected in the TGA on Friday Mar 24th was above the clean up criteria. Horizon excavated additional soil from that area and collected another confirmation sample.

COMMENTS:

The six inch trailer mounted trash pump was demobilized off site today.

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Gregory Jones

Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC

D.Locey - NYSDEC Region 9

G.Harris - Chief - NYSDEC

M.G. Steffan – EEEPC Buffalo

D.J. Miller, P.E. – EEEPC Buffalo

DAILY OBSERVATION REPORT

Daily Report No.: 041-046

EEEEPC Project File: NV28.03

Date: Monday, Mar. 27, 2006

DAILY PHOTO LOG

Date	Photo ID	Description	Direction
3/27/06	1	View of SJB personal conducting compaction test in the TGA.	S
3/27/06	2	View of Horizon loading out contaminated soil from the infiltration basin.	W
3/27/06	3	View of Horizon installing backfill material in the one foot excavation of TGA.	NW
3/27/06	4	View of Horizon backfilling the infiltration basin	NW
3/27/06	5	View of remaining clean soil from infiltration basin	N



Photo #1



Photo #2

DAILY OBSERVATION REPORT

Daily Report No.: 041-046

EEEEPC Project File: NV28.03

Date: Monday, Mar. 27, 2006



Photo #3



Photo #4



Photo #5

DAILY OBSERVATION REPORT

Daily Report No.: 042-047

EEEPCC Project File: NV28.03

Date: Tuesday, Mar. 28, 2006

NYSDEC

DR: 042-047

**Division of Environmental
Remediation**

**Shenango Steel Mold Site, NYSDEC
Site #9-15-172**

Contract # D005660

Buffalo, New York

Temperature: 35°F am 54 pm

Wind Direction: SSW am SW pm

Weather: am Clear
pm Clear

Arrive at site 0700 am

Leave site: 1600 pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels? Soil
Water
Air

Yes () n/a () * No ()
Yes () n/a (x) * No ()
Yes (x) n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services completed backfilling the TGA 100% with imported material. Horizon also backfilled the infiltration basin 100%. Horizons surveying subcontractor (Wendell Dusher) completed the final survey of impacted areas of the site. Other work performed by Horizon included assisting Root Neal Scale Services in the dismantling and demobilization of the site scale. Horizon graded the site access roads along with the asphalt access road. All site services were discontinued with the demobilization of the site trailers and site electrical generator.

DustTrak monitor was in operation downwind of the TGA Hydraulic Oil Spill Area excavation with a pm reading was .024 mg/m³.

A total of **4451.98 tons** of non-hazardous soil has been removed from the LNAPL TGA to date (Site Scale Estimated Tonnage).

SOIL/WATER/AIR SAMPLING

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 042-047

EEEPD Project File: NV28.03

Date: Tuesday, Mar. 28, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Scott Clary (Health and Safety Officer) NOT ON SITE

Brian Spangler (Site Superintendent) NOT ON SITE

Ed Pooters (Equipment Operator, Health and Safety Officer)

Doug Klonsinski (Equipment Operator)

Horizon equipment:

John Deere 200LC excavator*

John Deere 624H Front Loader*

* Indicates active equipment

Subcontractors:

Root Neal Scale Services

Wendell Dusher Surveying

United Rentals

VISITORS TO SITE:

None.

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

None to Report

ITEMS OF CONCERN:

None to Report.

COMMENTS:

Horizon has requested the substantial completion inspection to take place Wednesday, March 29, 2006 at 10:00 AM...

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Gregory Jones

Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC

D.Locey - NYSDEC Region 9

G.Harris - Chief - NYSDEC

M.G. Steffan – EEEPC Buffalo

D.J. Miller, P.E.– EEEPC Buffalo

DAILY PHOTO LOG

DAILY OBSERVATION REPORT

Daily Report No.: 042-047

EEEEPC Project File: NV28.03

Date: Tuesday, Mar. 28, 2006

Date	Photo ID	Description	Direction
3/28/06	1	View of backfilling infiltration basin.	SE
3/28/06	2	View of installed backfill material in the TGA.	S
3/28/06	3	View of the removal of the site scale.	W
3/28/06	4	View of Horizon grading the site access road.	NW



Photo #1



Photo #2

DAILY OBSERVATION REPORT

Daily Report No.: 042-047

EEEEPC Project File: NV28.03

Date: Tuesday, Mar. 28, 2006



Photo #3



Photo #4

DAILY OBSERVATION REPORT

Daily Report No.: 043-048

EEEPC Project File: NV28.03

Date: Wednesday, Mar. 29, 2006

NYSDEC

DR: 043-048

Temperature: 53°F am 61 pm

**Division of Environmental
Remediation**

Wind Direction: SW am SW pm

**Shenango Steel Mold Site, NYSDEC
Site #9-15-172**

Weather: am Clear

pm Clear

Contract # D005660

Arrive at site 0700 am

Buffalo, New York

Leave site: 1100 pm

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan?
(If yes, list the deviation under items for concern)

Yes () No (x)

Are monitoring results at acceptable levels? Soil
Water
Air

Yes () n/a () * No ()

Yes () n/a (x) * No ()

Yes () n/a () * No ()

- If No, provide comments

OTHER ITEMS:

Site Sketch Attached:

Yes () No (x)

Photos Taken:

Yes (x) No ()

DESCRIPTION OF DAILY WORK PERFORMED:

Horizon Environmental Services representatives along with EEEPC Project Manager, Site Representative and NYSDEC Region 9 representative conducted the site inspection for Substantial Completion of work. Areas inspected included the MW3 Hydraulic Oil Spill (LNAPL), the Tight Grid Area (TGA) and infiltration basin area. Other impacted areas inspected were the asphalt access road and the site dirt access road. All site equipment was demobilization off site.

The final estimated tonnage on non-hazardous soil removed from the LNAPL TGA is **4451.98 tons** (Site Scale Estimated Tonnage).

SOIL/WATER/AIR SAMPLING

Contractor Sample ID:

E & E Sample ID:

Description:

DAILY OBSERVATION REPORT

Daily Report No.: 043-048

EEEPC Project File: NV28.03

Date: Wednesday, Mar. 29, 2006

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Horizon personnel:

Ed Pooters (Equipment Operator, Health and Safety Officer)

Doug Klonsinski (Equipment Operator)

Horizon equipment:

* Indicates active equipment

Subcontractors:

VISITORS TO SITE:

Mike Steffan EEEPC

Dave Locey NYSDEC Region 9.

PROJECT SCHEDULE ISSUES:

None to report

PROJECT BUDGET ISSUES:

None to Report

ITEMS OF CONCERN:

None to Report.

COMMENTS:

None.

ATTACHMENT(S) TO THIS REPORT:

Daily Photos

SITE REPRESENTATIVE:

Gregory Jones

Ecology & Environment Engineering, P. C.

Name: (signature)



cc:

D. Chiusano - Project Manager – NYSDEC

D.Locey - NYSDEC Region 9

G.Harris - Chief - NYSDEC

M.G. Steffan – EEEPC Buffalo

D.J. Miller, P.E.– EEEPC Buffalo

DAILY PHOTO LOG

DAILY OBSERVATION REPORT

Daily Report No.: 043-048

EEEEPC Project File: NV28.03

Date: Wednesday, Mar. 29, 2006

Date	Photo ID	Description	Direction
3/29/06	1	View of TGA backfilled to existing grade.	SE
3/29/06	2	View of TGA backfilled to existing grade.	S
3/29/06	3	View of graded access road.	W
3/29/06	4	View of LNAPL area backfilled to grade.	NW
3/29/06	5	View of LNAPL area backfilled to grade.	N
3/29/06	6	View of jersey barrier installed at the site entrance.	NW



Photo #1



Photo #2

DAILY OBSERVATION REPORT

Daily Report No.: 043-048

EEEEPC Project File: NV28.03

Date: Wednesday, Mar. 29, 2006



Photo #3



Photo #4



Photo #5

DAILY OBSERVATION REPORT

Daily Report No.: 043-048

EEEEPC Project File: NV28.03

Date: Wednesday, Mar. 29, 2006



Photo #6

P

RFI Log



Buffalo, New York

ecology and environment engineering, p.c.

International Specialists in the Environment

Buffalo Corporate Center

368 Pleasant View Dr.

Lancaster, New York 14086

Phone 716.684.8060 Fax 717.684.0844

Field Office (E&E Engineering, P.C.)

Address

City, State Zip

Phone

Request for Further Information (RFI) Log

Site, Site #

RFI List Dated: July 7, 2006 (11:33am)

Last updated:

RFI No.	BY:	Date Received	Brief Description of RFI	Date Responded/ BY:	Response	Additional ActionS
001	E&E	2/3/06	Request clarification on plan of action in the event of encountering groundwater in the LNAPL exclusion zone	2/8/06 HES	“Groundwater within an excavation will be sampled and analyzed for conformance with discharge criteria prior to discharge into the infiltration basin. Any free product / sheen will be removed with J-hook pump attachment and / or absorbent boom material prior to the start of removal to infiltration basin. Additionally, sheen removal will continue via oil sorbent booms as necessary throughout the entire draw-down process.”	Review analytical results for acceptance of the groundwater into the basin.
002	E&E	2/3/06	Provide costs for entrance pad materials and associated installation.	2/8/06 HES	The cost of the entrance pad per HES is: \$789.37	Review equipment costs.

RFI No.	BY:	Date Received	Brief Description of RFI	Date Responded/ BY:	Response	Additional ActionS
003	HES	2/14/06	Cleanup objective request modification for the LNAPL Area cleanup.	2/21/06 EEEEPC	<p>Once excavation work and groundwater pumping is performed to the contract limits, confirmation sampling and analysis shall be performed. If the analytical results confirm that the remaining soils are below the cleanup criteria, then no further excavation work will be performed. Project documentation survey shall then be performed of the excavation and sample locations. After completion, the excavation can be backfilled per the contractor's schedule.</p> <p>If the analytical results based on the confirmation sampling indicate contamination above the cleanup criteria or remedial action objectives (RAOs), then excavation work will continue. The work shall follow the process outlined in the technical specifications.</p> <p>General visual contamination of soils in the excavation shall remain the guide for the cleanup. EEEPC site representative will be available throughout the excavation at the LNAPL area. He will be able to make visual determination on cleanup for the next round of confirmation sampling for the site RAOs.</p> <p>It is EEEPC's understanding that direct loading of the LNAPL area soils are being performed. Analytical results should be received in 24 hours in which to determine if additional excavation work is required.</p>	EEEEPC Field Staff to evaluate methodology in the field.

Q

PCO Log



Buffalo, New York

ecology and environment engineering, p.c.

International Specialists in the Environment

Buffalo Corporate Center

368 Pleasant View Dr.

Lancaster, New York 14086

Phone 716.684.8060

Fax 717.684.0844

Shenango Steel Field Office (E&E Engineering, P.C.)

1750 Fuhrmann Blvd.

Buffalo, New York 14203

Phone 716.

Fax 716.

Potential Change Order (PCO) Log

Shenango Steel Mold Site, NYSDEC Site # 9-15-172

Date: July 7, 2006 (11:35am)

PCO. No.	Date Initiated	Brief Description of Potential Change Order	Response & Status Received	Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Cost Increase	Time Increase	Cost Decrease
001	2/22/06	<p>Part A) Horizon to provide labor, equipment and support material costs in which to sample, analyze the concrete in TGA which to determine the required treatment and disposal option.</p> <p>The concrete materials exposed or being excavated in the Tight Grid Area (TGA) are a concern because PCB contamination may remain on the surfaces or have permeated into porous areas of the concrete. Composite sampling and analysis of the concrete is requested for PCBs using TCLP analytical methodology (USEPA Method 8082). A maximum of the five (5) samples will be utilized, but may not be required to characterize the suspected concrete. Turnaround time on the samples shall be 24 hours from receipt of sample at the laboratory. Level of reporting shall be NYS Category B.</p> <p>PCO 001 is written for sampling and analytical only.</p> <p>Based on review of the analytical results, if requested by NYSDEC, the contractor shall perform removal and disposal of the contaminated materials. A separate PCO will be written for the contractor to provide labor, equipment, and support (transport and disposal) costs to perform the disposal of the separate waste streams: PCB (>50PPM) contaminated concrete and spoils from the infiltration basin construction.</p>								

Date: July 7, 2006 (11:35am)

PCO. No.	Date Initiated	Brief Description of Potential Change Order	Response & Status Received	Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Cost Increase	Time Increase	Cost Decrease
001	2/22/06	<p>Part B) <u>Horizon to provide labor, equipment and support material costs in which to sample, analyze the soils from the infiltration basin in which to determine if treatment and disposal is required.</u></p> <p>The excavated materials from the construction of the infiltration basin may be a concern because contamination may remain in the area. To allow NYSDEC to assess if contamination is present and if disposal is required, perform four (4) composite soil samples of the excavated spoil materials from the infiltration basin piles. Sampling to be perform from each of the individual bermed areas. Analytical method for confirmatory soil in Section 01400 -Table 01400-1 are to be used plus the addition of TCLP Metals. Turnaround time on the samples shall be 24 hours from receipt of sample at the laboratory. Level of reporting shall be NYS Category B.</p> <p>PCO 001 is written for sampling and analytical only.</p> <p>Based on review of the analytical results, if requested by NYSDEC, the contractor shall perform removal and disposal of the contaminated materials. A separate PCO will be written for the contractor to provide labor, equipment, and support (transport and disposal) costs to perform the disposal of the separate waste streams: PCB (>50PPM) contaminated concrete and spoils from the infiltration basin construction.</p>								
001	2/22/06	<p>Part C) <u>Horizon to provide labor, equipment and support material costs in which to sample, analyze the soils from the Target Grid Area (TGA) for TCLP Metals (USEPA Method 6010B) in which to determine treatment and disposal requirements.</u></p> <p>A total of five (5) samples shall be priced and taken at the direction of the Engineer/Department. Turnaround time on the samples shall be 24 hours from receipt of sample at the laboratory. Level of reporting shall be NYS Category B.</p> <p>PCO 001 is written for sampling and analytical only.</p> <p>Based on review of the analytical results, if requested by NYSDEC, the contractor shall perform removal and disposal of the contaminated materials. A separate PCO will be written for the contractor to provide labor, equipment, and support (transport and disposal) costs to perform the disposal of the separate waste streams: PCB (>50PPM) contaminated concrete and spoils from the infiltration basin construction.</p>								

Date: July 7, 2006 (11:35am)

PCO. No.	Date Initiated	Brief Description of Potential Change Order	Response & Staff Received	Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Cost Increase	Time Increase	Cost Decrease
-------------	-------------------	---	------------------------------	---------------	---------------------------	-----------------	------------------------------	---------------	---------------	---------------

002		<p><u>First Item:</u> Horizon to provide labor, equipment, and support material costs including additional time in which to sample and analyze soils in and around the constructed infiltration basin to determine the required treatment and disposal options.</p> <p>The excavated and remaining in-place basin soils are a concern as a result analyses received February 22, 2006 and sampled on February 21, 2006 (Attachment A). The east portion of the bermed soils from the basin were high in lead and mercury and above historical background levels (Map included as Attachment B).</p> <p>To further characterize the bermed soils and infiltration basin soils, the following sampling plan has been discussed and provided in which Horizon shall perform. The attached site plan approximates a grid system in which to perform a sampling program to characterize the soils for the infiltration basin location. (Attachment C).</p> <p>Sampling shall consist of :</p> <ol style="list-style-type: none"> 1) Four (4) - 5 point composite samples of the infiltration basin floor below the new construction materials. The grid areas B, C, F, and G on the map in Attachment C. These will be taken approximately 4 feet below the existing newly constructed floor of the basin. The analyses to be performed are TCLP metals (USEPA Method - 6010B), TAL metals, and SVOC (USEPA Method - 8270). 2) Six (6) - 5 point composite samples of the infiltration walls in the grid areas shown on Attachment C. The wall grid areas include B', B'', C', C'', F', and G'. The analyses to be performed are TCLP metals (USEPA Method - 6010B), TAL metals, and SVOC (USEPA Method - 8270). 3) Four (4) - 5 point composite samples of the berms created from the construction of the infiltration basin. These are grid areas are shown as A, D, E, and H on Attachment C. These samples will be taken from excavations below the existing surfaces of each bermed pile. The analyses to be performed are TCLP metals (USEPA Method - 6010B), TAL metals, and SVOC (USEPA Method - 8270). <p>Required turnaround time shall be 24 hours from receipt of the sample at the approved laboratory for the project. All sampling, analytical, and QA/QC shall follow the Supplementary Technical Specifications (Section XI) requirements per the Contract Documents. Level of reporting shall be NYS Category B. PCO 002 is written for sampling and analytical services only.</p> <p>Based on review of the analytical results, if requested by NYSDEC, the contractor shall perform removal and disposal of the contaminated materials. A separate PCO will be written for the contractor to provide labor, equipment, and support (transport and disposal) costs to perform the disposal of the separate waste streams: heavy metals contaminated soils from the infiltration basin construction.</p>									
-----	--	--	--	--	--	--	--	--	--	--	--

Dated: July 7, 2006 (11:35am)

[illegible]

Dated: July 7, 2006 (11:35am)

PCO. No.	Date Initiated	Brief Description of Potential Change Order	Respo nse & Status	Cost Rec eive d	Co st Re vie we d	Revis ed or Resu bmitt ed	Fin al Su bm itta l	Date Acce pted or Rejec ted	Cost Increase	Time Increase	Cost Decrease
PCO. No.	Date Initiated	Brief Description of Potential Change Order	Respo nse & Status	Cost Rec eive d	Co st Re vie we d	Revis ed or Resu bmitt ed	Fin al Su bm itta l	Date Acce pted or Rejec ted	Cost Increase	Time Increase	Cost Decrease

Dated: July 7, 2006 (11:35am)

PCO. No.	Date Initiated	Brief Description of Potential Change Order	Respo nse & Status	Cost Rec eive d	Co st Re vie we d	Revis ed or Resu bmitt ed	Fin al Su bm itta l	Date Acce pted or Rejec ted	Cost Increase	Time Increase	Cost Decrease

Dated: July 7, 2006 (11:35am)

[illegible]

