



C&S Companies
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BROWNFIELD CLEANUP PROGRAM

MONTHLY PROGRESS REPORT

FOR
WEBSTER BLOCK
75 MAIN STREET
BUFFALO, NEW YORK

NYSDEC SITE NO. C915270

PROGRESS REPORT #1

REPORTING PERIOD: MARCH 6, 2013 – APRIL 12, 2013

April 12, 2013

Introduction

This progress report has been prepared in accordance with the requirements of the Brownfield Cleanup Agreement (“BCA”). This report has been prepared to inform the NYS Department of Environmental Conservation (“NYSDEC”) on the cleanup progress for the Webster Block, future location of the HARBORcenter building, located at 75 Main Street in the City of Buffalo, New York (“site”).

Work Completed During Reporting Period

Progress made toward the completion of the Remedial Investigation and Interim Remedial Measure (“RI/IRM”) during the reporting period includes:

- The BCA was signed on March 6, 2013
- Utility removal and relocation along Main, Perry and Scott Streets.
- Installation storm water retention system within the centerline of Washington Street.
- Removal of black sludge from ceramic pipe encountered during storm water line installation.
- Completed edits to the RI/IRM based on comments from the DEC representative. RI/IRM work plan approved by the NYSDEC on March 27, 2013.
- Installation of construction fencing around the perimeter of the site.

Deliverables Completed and Submitted

The following work plans, reports and other deliverables were completed during this reporting period:

- RI/IRM Work Plan for 75 Main Street. (3/27/13)

Work to be Completed Next Month (April 8, 2013 – May 13, 2013)

The following is a list of work that is anticipated to be completed for next month:

- Conduct test pit and groundwater sampling for Remedial Investigation.
- Installation of shoring system.
- Confirmatory sampling around perimeter of BCP site during shoring trenching.
- Mass excavation of site from ground surface to 10 feet below grade.

Percentage Complete and Delays Encountered/Anticipated

The RI/IRM for this Brownfield Cleanup Agreement is less than 1% complete.

Sincerely,

C&S ENGINEERS, INC.

A handwritten signature in blue ink that reads "Mark Colmerauer". The signature is written in a cursive style with a long horizontal line extending to the right.

Mark Colmerauer
Regional Environmental Services Manager

cc: M. Schwann, C. Miller – Icon Venue Group
D. Zygaj – HARBORcenter LLC
P. Meosky, T. Gilbride – Hodgson Russ



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NYSDEC SITE NO. C915270

PROGRESS REPORT #2

REPORTING PERIOD: APRIL 13, 2013 – MAY 16, 2013

May 16, 2013

Introduction

This progress report has been prepared in accordance with the requirements of the Brownfield Cleanup Agreement (“BCA”). This report has been prepared to inform the NYS Department of Environmental Conservation (“NYSDEC”) on the cleanup progress for the Webster Block, future location of the HARBORcenter building, located at 75 Main Street in the City of Buffalo, New York (“site”).

Work Completed During Reporting Period

Progress made toward the completion of the Remedial Investigation and Interim Remedial Measure (“RI/IRM”) during the reporting period includes:

- Conduct test pit and groundwater sampling for Remedial Investigation.
- Installation of earth retention system.
- Confirmatory sampling around perimeter of BCP site during shoring trenching.
- Mass excavation of site from ground surface to no deeper 10 feet below ground surface.
- Collected samples for imported fill used as backfill for the site.
- Began backfill of the southeast corner with clean gravel.

Deliverables Completed and Submitted

The following work plans, reports and other deliverables were completed during this reporting period:

- Analytical results for the clean fill that will be used for backfill (5/3/13).

Work to be Completed Next Month (May 16, 2013 – June 17, 2013)

The following is a list of work that is anticipated to be completed for next month:

- Complete earth retention around the perimeter of the site.
- Continue with mass excavation and backfill.

Percentage Complete and Delays Encountered/Anticipated

The RI/IRM for this Brownfield Cleanup Agreement is less than 45% complete.

Sincerely,

C&S ENGINEERS, INC.

A handwritten signature in blue ink that reads "Mark Colmerauer". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mark Colmerauer
Regional Environmental Services Manager

cc: B. Beardslee, M. Schwann, C. Miller – Icon Venue Group
D. Zygaj – HARBORcenter LLC
P. Meosky, T. Gilbride – Hodgson Russ

Monthly Progress Report #2

May 16, 2013

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BROWNFIELD CLEANUP PROGRAM

MONTHLY PROGRESS REPORT

FOR

WEBSTER BLOCK
75 MAIN STREET
BUFFALO, NEW YORK

NYSDEC SITE NO. C915270

PROGRESS REPORT #3

REPORTING PERIOD: MAY 16, 2013 – JUNE 19, 2013

June 19, 2013

Introduction

This progress report has been prepared in accordance with the requirements of the Brownfield Cleanup Agreement (“BCA”). This report has been prepared to inform the NYS Department of Environmental Conservation (“NYSDEC”) on the cleanup progress for the Webster Block, future location of the HARBORcenter building, located at 75 Main Street in the City of Buffalo, New York (“site”).

Work Completed During Reporting Period

Progress made toward the completion of the Remedial Investigation and Interim Remedial Measure (“RI/IRM”) during the reporting period includes:

- Mass excavation of site from ground surface to native material.
- Installed wailer along the sheet pile in the northwest corner of the site for deeper excavations.
- Completed backfill throughout the entire site, but not to final depth.

Deliverables Completed and Submitted

The following work plans, reports and other deliverables were completed during this reporting period:

- No work plans, reports or other deliverables were completed.

Work to be Completed Next Month

The following is a list of work that is anticipated to be completed for next month:

- Complete backfill to final depth.

Percentage Complete and Delays Encountered/Anticipated

The RI/IRM for this Brownfield Cleanup Agreement is 90% complete. Final RI Report, Alternative Analysis Report and Final Engineering Report are pending and are anticipated to be completed in 2013.

Sincerely,

C&S ENGINEERS, INC.



Mark Colmerauer
Regional Environmental Services Manager

cc: B. Beardslee, M. Schwann, C. Miller – Icon Venue Group
D. Zygaj – HARBORcenter LLC
P. Meosky, T. Gilbride – Hodgson Russ



DAILY WORK REPORT

3/26/2013

Description of Work:

- 10:00 AM Called to respond to a ceramic pipe found in storm water trench that contained black oily sludge
- 10:15 AM Pinto construction installing new storm water system down the center of Washington Street. Trench approximately 4 feet wide and 8-10 feet deep. Ceramic pipe had been removed and Pinto was plugging both openings of the pipe with concrete block and portland cement. Pinto was pumping water from trench onto Washington Street. A sheen was observed on the discharge water. Discharged water was flowing from trench to a storm drain inlet at the corner of Washington and Perry Streets. Pinto stopped pumping water out of the trench when C&S arrived onsite. Black sludge and water within the trench was mixed with the surrounding soil and dumped onto the stockpile that will be sent to a landfill.



DAILY WORK REPORT

4/9/2013

Description of Work:

1:15 PM Utility work along Perry and Scott Streets. Excavated fill/soil dumped onto stockpile along Washington Street. Excavated material generally consists of gravel, industrial fill, construction and demolition debris.



DAILY WORK REPORT

4/16/2013

Description of Work:

7:00 AM Setup UW (upwind) and DW (downwind) air monitors. Mortenson setup BCP sign.

Cerrione began removal of material from stockpile. Fill/soil was sent to Modern and large pieces of asphalt and concrete will be sent for recycling.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg

Min

Max

TWA

DW Mass Concentration

Avg

Min

Max

TWA

DW VOC Concentration

Avg

Min

Max

TWA

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Truck Loads



DAILY WORK REPORT

4/17/2013

Description of Work:

7:00 AM Setup UW (upwind) and DW (downwind) air monitors. Mortenson setup BCP sign.

Cerrione began removal of material from stockpile. Fill/soil was sent to Modern and large pieces of asphalt and concrete will be sent for recycling.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.047
Min	0.011
Max	0.53

DW Mass Concentration

Avg	0.031
Min	0.019
Max	0.065

DW VOC Concentration

Avg	0.31
Min	0.11
Max	0.77

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

4/18/2013

Description of Work:

7:4600 AM Excavated pit for test pile on the corner of Washington and Perry. Native soil at 10 ft.
 8:30 AM Began loading concrete and asphalt to Petagula.
 Discussed with Mortenson the DEC concern about dust monitoring. Mortenson will deal with dust
 10:30 AM control.
 12:00 PM Soil sample collected at G4 grid location

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.083
Min	0
Max	0.281

DW Mass Concentration

Avg	0.18
Min	0.033
Max	0.649

DW VOC Concentration

Avg	0.33
Min	0
Max	1.1

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Truck Loads



DAILY WORK REPORT

4/19/2013

Description of Work:

- >Purged and sampled groundwater from MW-01 and MW-03.
- >Removed material from stockpile.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.142
Min	0.02
Max	0.55

DW Mass Concentration

Avg	0.027
Min	0.021
Max	0.049

DW VOC Concentration

Avg	0.151
Min	0.016
Max	0.758

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

4/22/2013

Description of Work:

- >No material was excavated.
- >Collected soil sample NW1 4-6 ft and NW2 10 ft from the northwest BCP boundary.
- >Purged and sampled groundwater from MW-04.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.024
Min	0.022
Max	0.026

DW VOC Concentration

Avg	0.307
Min	0
Max	0.563

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

4/23/2013

Description of Work:

- >No material was excavated.
- >Collected soil sample NE1, NE2 and NW3. Collected soil samples from grid locations B3 and D2.
- >Purged and sampled groundwater from MW-06.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.028
Min	0.028
Max	0.028

DW VOC Concentration

Avg	0.173
Min	0.011
Max	0.605

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

4/24/2013

Description of Work:

- >No material was excavated.
- >Collected soil samples from grid locations D3, C3, J4, H3, G3, H5, F4, G5, H4 and F5.
- >Purged and sampled groundwater from MW-05 and MW-09.

Air monitoring was conducted at UW and DW locations.

DW Mass Concentration

Avg	0.029
Min	0.018
Max	0.081

DW VOC Concentration

Avg	0.02
Min	0
Max	0.268

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

4/25/2013

Description of Work:

>No material was excavated.

>Purged and sampled groundwater from MW-05.

Air monitoring was conducted at UW and DW locations.

DW Mass Concentration

Avg	0.029
Min	0.018
Max	0.081

DW VOC Concentration

Avg	0.02
Min	0
Max	0.268

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

4/26/2013

Description of Work:

>No material was excavated.

>Purged and sampled groundwater from MW-7A.

Air monitoring was conducted at UW and DW locations.

DW Mass Concentration

Avg	0.033
Min	0
Max	0.087

DW VOC Concentration

Avg	0.377
Min	0.173
Max	0.485

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

4/27/2013

Description of Work:

- >No material was excavated.
- >Sampled for QAQC from grid locations J4, H4 and F2.
- >Pre-excavated along BCP boundary on Perry St.
- >Asked Cerrone to separate concrete pulled from excavation due to black staining.
- >Collected soil samples from pre-excavation trench. Collected SE3 8-10'; SE2 3-8'; SE1 0-8'; SW3 4-6'; SW3 9-10'; SW2 6-8' and SW2 8-9'.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.032
Min	0.026
Max	0.056

DW Mass Concentration

Avg	0.026
Min	0.014
Max	0.095

DW VOC Concentration

Avg	1.17
Min	0.024
Max	23.11

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

4/29/2013

Description of Work:

- >No material was excavated.
- >Pre-excavation from Scott Street to Washington Street.
- >Collected soil samples from pre-excavation trench. Collected NE4 3-8'; NE5 3-8'; NE4/NE5; SE4 and NE8.
- >Between NE4 and NE5 hit abandoned water pipe. Portion of excavation flooded; black sludge trace seen at 10 ft.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.034
Min	0.024
Max	0.048

DW Mass Concentration

Avg	0.026
Min	0.016
Max	0.047

DW VOC Concentration

Avg	0.33
Min	0.162
Max	0.685

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

4/30/2013

Description of Work:

- >No material was excavated.
- >Pre-excavation from Scott Street to Washington Street.
- >Collected soil samples from pre-excavation trench. Collected NE6 3-7' and NE7 4-8'.
- >Collected soil samples from test pits. Collected samples from grid locations B1, C1 and D1.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.135
Min	0.013
Max	0.62

DW Mass Concentration

Avg	0.011
Min	0.005
Max	0.037

DW VOC Concentration

Avg	0.598
Min	0.221
Max	1.863

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

5/1/2013

Description of Work:

- >Soil and fill was removed from stockpile. Material was sent to Modern Landfill.
- >Collected soil samples from test pits. Collected samples from grid locations G1, G2, H1, F1 and E1.
- >Collected duplicate soil sample DUP A and DUP B QAQC samples
 - DUP A= G2 9-10
 - DUP B= F1 8'
- >Collected soil samples SE6 3-6', SE7 3-8', SE8 3-8' and SE9 6-8' from pre-excavation trench.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.021
Min	0.008
Max	0.062

DW Mass Concentration

Avg	0.046
Min	0.015
Max	0.13

DW VOC Concentration

Avg	0.474
Min	0.13
Max	0.617

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

5/2/2013

Description of Work:

- >Soil and fill was removed from stockpile. Material was sent to Modern Landfill.
- >Collected soil samples from test pits. Collected samples from grid locations G1, G2, H1, F1 and E1.
- >Collected duplicate soil sample DUP A and DUP B QAQC samples
 - DUP A= G2 9-10
 - DUP B= F1 8'
- >Collected soil samples SE6 3-6', SE7 3-8', SE8 3-8' and SE9 6-8' from pre-excavation trench.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.021
Min	0.008
Max	0.062

DW Mass Concentration

Avg	0.046
Min	0.015
Max	0.13

DW VOC Concentration

Avg	0.474
Min	0.13
Max	0.617

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

5/3/2013

Description of Work:

- >No material was removed.
- >Collected soil samples from test pits. Collected samples from grid locations A2, B2, B4, B5, and C5.
- >Collected duplicate soil sample:
 - DUP D= B5 10'
 - DUP E= B4 13-14'
 - DUP F= B2 12'

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.044
Min	0.012
Max	0.174

DW Mass Concentration

Avg	0.507
Min	0.063
Max	1.27

DW VOC Concentration

Avg	0.36
Min	0
Max	0.58

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

5/6/2013

Description of Work:

- 7:00 AM Setup UW (upwind) and DW (downwind) air monitors.
- 8:00 AM Started mass excavation at grid J1 to -13' from benchmark. Native soil observed at 7' below ground surface.
- 11:27 AM Excavated area within grid J1, J2, H1 and H2. Total of 69 truck loads to Modern.
- 1:08 PM Total 101 truck loads sent to Modern.
- 2:49 PM Used water truck to control dust. Excavated area with grids J1, H1, G1, J2, H2 and G2.
- 3:30 PM Total of 138 truck loads for soil/fill to Modern

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	2.86
Min	0
Max	30.7
TWA	2.86

DW Mass Concentration

Avg	0.082
Min	0.008
Max	0.062
TWA	0.067

DW VOC Concentration

Avg	0.5
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- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Truck Loads



DAILY WORK REPORT

5/7/2013

Description of Work:

7:15 AM Setup UW (upwind) and DW (downwind) air monitors.

7:30 AM Collected soil samples from pre-excavation trench. SW4, NE9 and NE10.

SW4 3'-6' Gravel with Sand (coarse to medium) some Silt and Clay (0.5 ppm)

NE9 3'-9' Gravel with Sand (coarse to medium) some Silt and Clay (1 ppm)

NE10 3'-9' Gravel with Sand (coarse to medium) some Silt and Clay (3 ppm)

10:30 AM Truck 102 drove offsite without canopy closed; Pariso rep was contacted to inform driver.

10:44 AM Total of 61 truck loads to Modern.

2:30 PM Requested that Cerrone preform dust control measures. Jeff (Cerrone) replied that dust control will take place after trucks have stopped at 3:30 PM

3:44 PM Total of 151 truck loads fot soil/fill to Modern. Excavated grids G3, H3 and J3.

4:00 PM Applied water to ground surface to control dust.

4:30 PM Collected soil samples from pre-excavation trench (SW5).

SW5 0'-7' Gravel, coarse Sand crushed rock with trace Silt and Clay (0.5 ppm)

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	1.14
Min	0
Max	6.97
TWA	0

DW Mass Concentration

Avg	0.026
Min	0.004
Max	0.075
TWA	0.027

DW VOC Concentration

Avg	0.3
-----	-----

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Truck Loads



DAILY WORK REPORT

5/8/2013

Description of Work:

7:30 AM Setup UW (upwind) and DW (downwind) air monitors.
 7:35 AM Truck drove offsite without canopy closed; Pariso rep was contacted to inform driver.
 9:55 AM Total of 52 truck loads to Modern.
 10:30 AM Start pre-excitation trench along Main Street. Collect composite soil sample from trench (SW 6).

SW6 3'-9' Gravel, crushed C&D, Silt and Clay - some black sludge (<1 ppm)

12:30 PM Met with Dave Locey (DEC) offsite. He stated that the DEC will approve backfill material by this afternoon.

2:44 PM Stopped air monitoring due to rain.

SW5 0'-7' Gravel, coarse Sand crushed rock with trace Silt and Clay (0.5 ppm)

3:30 PM Total of 170 trucks to Modern. Excavated grids G3, H3, J3 and portions of F1, F2 and F3.

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were below action levels for the day.

UW Mass Concentration

Avg	0.028
Min	0.021
Max	0.046
TWA	0.009

DW Mass Concentration

Avg	0.046
Min	0.019
Max	0.243
TWA	0.042

DW VOC Concentration

Avg	0.3
-----	-----

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Truck Loads



DAILY WORK REPORT

5/9/2013

Description of Work:

7:30 AM Setup UW (upwind) and DW (downwind) air monitors.

7:35 AM Advancement of excavation further northward and eastward including F1,2,3,4; portions of G4,H4, J4 and E2.

8:00 AM Pre-excavation of Main Street. One composite soil sample (SW7) was collected and will be analyzed for VOC, SVOC, and TAL Metals.

SW7 3'-5' Gravel, crushed C&D, Silt and Clay - some black fill (0.5 ppm)

8:40 AM Cerrone stated that the excavation along Washington Street a strong petroleum odor was present. Cerrone asked C&S to perform air monitoring around the work area. Air monitoring was conducted using a MiniRAE PID around the operator, at ground level, and around the laborer in the excavation. Concentrations of VOCs ranged from 0.6 to 4 ppm. Concentrations were unsustained and localized to a coarse sand and gravel material along the sheeting. Action levels for VOCs in the breathing zone are 5 ppm sustained over 15 minutes. These conditions were not observed at the time of the air monitoring; therefore no corrective action was taken.

10:00 AM Met with Dave Locey (DEC) onsite. C&S discussed site operations, air monitoring and the BCP line change along Main Street. DEC did not have a problem with the modification of the BCP line due to the location of the 48" water line.

10:20 AM Total of 70 truck loads to Modern.

2:30 PM An isolated pocket of black sludge was observed approximately 8 feet below ground surface in grid F3.

3:47 PM Total of 181 truck loads to Modern.

No air monitoring was conducted due to weather conditions.

1 - Dust Track DRX Aerosol Monitor

2 - Modern Landfill

3 - Truck Loads



DAILY WORK REPORT

5/10/2013

Description of Work:

10:30 AM Began pre-excavation trenching from the corner of Scott and Main Street advancing south. Fill was observed to be from ground surface to approximately 13 feet below grade. Fill material consists of brick rubble overlying black fill and wood planking. Collected composite soil sample.

NE4 0-10: crushed C&D some black sand, silt and clay (0.5 ppm).

11:00 AM Collected composite soil sample.

NE5 3'-8': fill, sand silt and clay (0.5 ppm)

1:30 PM Collected two composite soil samples.

NE6 5': fill, red brown clay, gravel and C&D debris (0.5 ppm)

NE7 5': fill, red brown clay, gravel and C&D debris (0.5 ppm)

No air monitoring was conducted.

1 - Dust Track DRX Aerosol Monitor

2 - Modern Landfill

3 - Truck Loads



DAILY WORK REPORT

5/13/2013

Description of Work:

- >Soil and fill removed from site to Modern Landfill.
- >Oversight of finished grade of grid locations J1, H1, G1, G2, H2, and J2.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.019
Min	0.005
Max	0.033

DW Mass Concentration

Avg	0.028
Min	0.009
Max	0.119

DW VOC Concentration

Avg	0.34
Min	0.248
Max	0.412

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

5/14/2013

Description of Work:

- >Soil and fill removed from site to Modern Landfill.
- >Oily fill and concrete rubble at grade. Asked operator to excavate rubble and fill deeper than the intended grade. Rubble and oily fill encountered in grid locations H4 and J4 at approximately 8 ft.
- >Asked operator to scrape off black silt. Black silt no oily sheen or petroleum odor was observed. Excavated in area between H/J4 to approximately 10 ft.
- >Discussed with Cerrone they need to excavate further in areas of J5, J4, H5 and H4. C&S concern about black silt beneath oily fill. Sample was collected and will be sent to the lab for a 24 hr turnaround time.
- >Oversight of finished grade at grid locations J5, J4, H5 and H4.

Air monitoring was conducted at UW and DW locations.

UW Mass Concentration

Avg	0.036
Min	0.009
Max	0.068

DW Mass Concentration

Avg	0.057
Min	0.024
Max	0.521

DW VOC Concentration

Avg	0.157
Min	0.022
Max	0.309

- 1 - Dust Track DRXAerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Truck Loads



DAILY WORK REPORT

5/15/2013

Description of Work:

- 7:30 AM Setup UW (upwind) and DW (downwind) air monitors.
- 8:00 AM Excavation of the southwest corner, Area A (G5,G4,F5, F4), advancing north along Main Street.
Removal of fill material from 7 to 8 feet below ground surface. Construction of access ramp along Washington Street and backfill southeast corner (grids G1, G2, H1, H2, J1 and J2).
- 12:30 PM Installed geo-grid and began second lift of backfill.
- 2:00 PM Removed underground storage tank. No liquids were observed coming out of the tank when it was removed. Tank size is estimated at 50 gallons.
- 3:30 PM Total of 123 truck loads of soil/fill material was sent to Modern Landfill.

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were above action levels for the day.

UW Mass Concentration

Avg	0.565	Elevated readings due to construction activities around the monitor, and
Min	0.027	do not represent conditions where corrective actions are needed.
Max	5.81	
TWA	0.565	

DW Mass Concentration

Avg	0.114
Min	0.035
Max	0.23
TWA	0.074

DW VOC Concentration

Avg	0.3
-----	-----

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Truck Loads
- 4- Buffalo Crushed Stone



DAILY WORK REPORT

5/16/2013

Description of Work:

- 7:30 AM Setup UW (upwind) and DW (downwind) air monitors.
- 8:00 AM Excavation of the southwest corner, Area A (G5,G4,F5, F4), advancing north along Main Street.
Removal of fill material from 7 to 8 feet below ground surface. Construction of access ramp along Washington Street and backfill southeast corner (grids G1, G2, H1, H2, J1 and J2).
- 9:00 AM Discussed with Cerrone about implementing dust control measures on truck access and Perry Street.
- 9:45 AM Excavated test pit on grid location A3 and collected soil samples at 10 and 13 ft below ground surface.
- 12:00 PM Implemented dust control to truck road.
- 12:30 PM Installed geo-grid and began second lift of backfill.

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were above action levels for the day.

UW Mass Concentration

Avg	0.141
Min	0.07
Max	0.219

DW Mass Concentration

Avg	0.073
Min	0.038
Max	0.449

DW VOC Concentration

Avg	0.322
Min	0.307
Max	0.339

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons
- 4- Buffalo Crushed Stone



DAILY WORK REPORT

5/17/2013

Description of Work:

8:30 AM Setup UW (upwind) and DW (downwind) air monitors.

9:00 AM Dust was observed migrating offsite as trucks were leaving on Scott Street. Discussed with Cerrone about dust control. Reducing the speed of the trucks accessing the site and spraying water on the access roads.

9:45 AM Began excavation of test pit in grid A3. Fill material was observed to extent to approximately 13' below ground surface. Native material at 13' consists of silty clay. Two samples were collected.

12:00 PM Applied water to truck road.

3:30 PM Total of 128 truck loads of soil/fill material was sent to Modern Landfill.

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were below action levels for the day.

UW Mass Concentration

Avg	0.073
Min	0.038
Max	0.449
TWA	0.062

DW Mass Concentration

Avg	0.141
Min	0.07
Max	0.219
TWA	0.114

DW VOC Concentration

Avg	0.3
Min	0.28
Max	0.348

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

5/1/2013

Description of Work:

7:30 AM Setup UW (upwind) and DW (downwind) air monitors.

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were below action levels for the day.

UW Mass Concentration

Avg	0.073
Min	0.038
Max	0.449
TWA	0.062

DW Mass Concentration

Avg	0.141
Min	0.07
Max	0.219
TWA	0.114

DW VOC Concentration

Avg	0.3
Min	0.28
Max	0.348

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Truck Loads



DAILY WORK REPORT

5/21/2013

Description of Work:

- >Setup UW (upwind) and DW (downwind) air monitors.
- >Re-sampled grid location D3 at finished grade.
- >Oversight of finished grade at grid locations D3 and E3. Excavated backfill and native soil for pile cap installation. All material was sent to Modern landfill.
- >Excavated three wood plank pits in grid location D3. Black sludge material was removed from pits. Two pits were excavated to approx. 4 ft; one pit was excavated to over 9 ft.

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were below action levels for the day.

UW Mass Concentration

Avg	0.119
Min	0.076
Max	0.189

DW Mass Concentration

Avg	0.071
Min	0.058
Max	0.104

DW VOC Concentration

Avg	0.403
Min	0.044
Max	0.585

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

5/21/2013

Description of Work:

- >Setup UW (upwind) and DW (downwind) air monitors.
- >Excavated grid locations D4, E4, D5, E5. Pile cap excavation in Area D.
- >Collected sidewall samples SW8, SW9 and SW10.

11:15 AM >Asked Cerrone to perform dust control on truck access.
 >DEC onsite to discuss progress.

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were below action levels for the day.

UW Mass Concentration

Avg	0.044
Min	0.033
Max	0.071

DW Mass Concentration

Avg	0.161
Min	0.05
Max	0.334

DW VOC Concentration

Avg	0.393
Min	0.154
Max	0.939

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

5/23/2013

Description of Work:

- >Setup UW (upwind) and DW (downwind) air monitors.
- >Excavated grid locations D4, E4, D5, E5.
- >Collected sidewall sample NW8-5'.
- 1:00 PM >Asked Cerrone to perform dust control on truck access.

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were below action levels for the day.

UW Mass Concentration

Avg	0.05
Min	0.047
Max	0.054

DW Mass Concentration

Avg	0.068
Min	0.037
Max	0.123

DW VOC Concentration

Avg	0.239
Min	0.073
Max	0.348

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

5/24/2013

Description of Work:

- >Setup UW (upwind) and DW (downwind) air monitors.
- >Excavated grid locations D4, E4, D5, E5.
- >While pumping out water from pile excavation along Perry and Washington (MW-04 area). Workers noticed black-high odor water coming out of ground. C&S was informed. Collected one jar sample from pit for sulfur testing.
- 2:00 PM >Crushed stone brought onsite to build excavation ramp.
- 4:30 PM >Cleaned Scott and Washington Streets

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were below action levels for the day.

UW Mass Concentration

Avg	0.05
Min	0.047
Max	0.054

DW Mass Concentration

Avg	0.068
Min	0.037
Max	0.123

DW VOC Concentration

Avg	0.239
Min	0.073
Max	0.348

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

5/28/2013

Description of Work:

- >No air monitors were setup due to weather conditions.
- >Oversight finished grade to native material on grid locations F4, E4, D4, F5, E5, D5, G5.
- >Excavate for pile caps along Perry St to 7'. No black fill or sludge was observed.

1 - Dust Track DRX Aerosol Monitor

2 - Modern Landfill

3 - Tons



DAILY WORK REPORT

5/29/2013

Description of Work:

- >Upwind monitor damaged on 5-28-13. Set second monitor only.
- 9:22 AM >Asked Cerrone to sweep Scott St.
- 9:45 AM >Cleaned Scott St of sediment.
- 10:37 AM >Moved air monitor to the northeast.
 - >Crew excavating northwest corner for wailer installation.
 - >Crew excavating pile caps along Perry St to 7 ft. Excavated material direct loaded onto dump trucks.
- 11:17 AM >Asked Cerrone to sweep Scott St.
- 12:00 PM >Cleaned Scott and Washington Streets.
- 12:15 PM >Discussed progress with DEC.
- 1:00 PM >Moved air monitor to the southwest.
- 2:00 PM >Stopped Mortenson from pumping water from sump along Washington into excavation and contaminating cleared areas.

Mass Concentration

Avg	0.068
Min	0.037
Max	0.123

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

5/30/2013

Description of Work:

- >Upwind monitor damaged on 5-28-13. Set second monitor only.
- >Pump out sump along Washington Street into baker tanks.
- >Removed sump area.
- >Opened UST discovered sand with strong acetone odor when tank was opened. Soil concrete 2700 ppm at mass. Asked operator to break mass into smaller pieces. VOC concentration DW at ground surface ranging between 0.5 and 2.6 ppm. Elevated PID readings between 30-60 ppm when mass was being broken. Breaking the concrete mass was stopped and soil placed on top mass to minimize VOC exposure concrete mass will be allowed to dissipate overnight.
- >Oversight of finished grade at grid locations C4 and B4.

Mass Concentration

Avg	0.135
Min	0.013
Max	0.62

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

5/31/2013

Description of Work:

- >Upwind monitor damaged on 5-28-13. Set second monitor only.
- 10:25 AM >Cleaned Scott St and preformed dust control.
- >Oversight finished grade of grid locations D1 and E1.

Mass Concentration

Avg	0.114
Min	0.058
Max	0.312

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

6/3/2013

Description of Work:

- >Asked Cerrone to preform dust control.
- >Moved CAMP monitor to corner of Main and Scott St.
- >Crushed concrete mass and sent to MD. Air monitoring adjacent to operator ranged from 0-0.5 ppm.

DW Mass Concentration	
Avg	0.093
Min	0.03
Max	0.206

DW VOC Concentration	
Avg	0.014
Min	0
Max	0.341

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

6/4/2013

Description of Work:

>Oversight of finished grade at grid locations B1, B4, and C3.

DW Mass Concentration	
Avg	0.102
Min	0.022
Max	0.326

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

6/5/2013

Description of Work:

- >Backfilled grid locations B4 and C3.
- >Oversight of finished grade at grid location C2.
- >Black water observed on micro-pile hole. Cerrone will pump water into frac tank.

UW Mass Concentration

Avg	0.088
Min	0.045
Max	0.247

DW Mass Concentration

Avg	0.019
Min	0
Max	0.207

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

6/6/2013

Description of Work:

- >No air monitoring was conducted due to weather conditions.
- >Backfilled grid locations B4 and C3.
- >Oversight of finished grade at grid location C2.
- >Black water observed on micro-pile hole. Cerrone will pump water into frac tank.

1 - Dust Track DRX Aerosol Monitor

2 - Modern Landfill

3 - Tons



DAILY WORK REPORT

6/7/2013

Description of Work:

>Told R. Poropat (Mortenson) that dewatering from pit to sanitary is acceptable to C&S as long as it

UW Mass Concentration

Avg	0.033
Min	0.013
Max	0.08

DW Mass Concentration

Avg	0.035
Min	0.019
Max	0.06

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Tons



DAILY WORK REPORT

6/10/2013

Description of Work:

7:30 AM Setup UW (upwind) and DW (downwind) air monitors.

1:00 PM Dave Locey (DEC)

Air monitoring was conducted at UW and DW locations. Particulate and VOC concentrations were below action levels for the day.

UW Mass Concentration

Avg	0.073
Min	0.038
Max	0.449
TWA	0.062

DW Mass Concentration

Avg	0.141
Min	0.07
Max	0.219
TWA	0.114

DW VOC Concentration

Avg	0.3
Min	0.28
Max	0.348

- 1 - Dust Track DRX Aerosol Monitor
- 2 - Modern Landfill
- 3 - Truck Loads