

DAILY OBSERVATION REPORT

Report No.: Phase 2 - 006* EEEPC Project File: EN-003229-0001-06TT0 Date: Friday, 07/19/13
(* Daily Observation Report No. - Days from NTP)

Client: NYSDEC **Contract No. D007631**

Division of Environmental Remediation
Construction Management Oversight
NYSDEC Site # 9-15-157

Temperature: (F) 82 (am) 88 (pm)

Wind Direction: SW (am) W (pm)

Weather: (am) Partly Cloudy
(pm) Scattered Clouds

Re: "Pilot" Bio-remediation Injection Phase 2 – Task 6

Site: Mr. C's Dry Cleaners Site

**Address: 586 Main Street, East Aurora, Erie County,
New York 14052**

Arrive at site: 7:10 (am)

Leave site: 12:15 (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?

Notes:

-- Soils: Yes () n/a (X) * No ()
-- Waters: Yes () n/a (X) * No ()
-- Air (CAMP): Yes () n/a (X) * No ()

**If No, provide comments*

OTHER ITEMS:

Site Drawing(s) Attached:

Yes (X) No ()

Photos Taken: Attached:

Yes (X) No ()

SITE/PROJECT MAP(s): (Located at end of report)

- A. Offsite Bio-injection Location Map
- B. Onsite Bio-injection Location Map
- C. Zone 1 - Progress of Injection Work
- D. Zone 2 - Progress of Injection Work

Samples Taken For Analysis Today:

Number of Samples

N/A

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DESCRIPTION OF DAILY WORK PERFORMED:

- 0720 hrs - Nature's Way staff arrived at the site (S. Gingrich and N. Gingrich). Meter in the Mr. C's treatment building read 14931. Nature's Way set up to begin work in Zone 2 injection area. Drove over trailer and Earthprobe boring equipment. Nature's Way held a safety meeting.
- 0820 hrs - N. Gingrich initiated drilling at direct push injection point 2-R. See project item D of the DOR for borehole location information. S. Gingrich used a DO meter to measure the water in the large tank in the fenced off work area east of Whaley Ave. 5.70 mg/L.
- 0850 hrs - Nature's Way mixed injection solution. Injection begun at direct push injection point 2-R.
- 1010 hrs - Injection at point 2-R completed. 200 gallons of the BDI Plus/Nitrogen sparged water was injected at a rate of 3 GPM, and 5-10 psi pressure at the pump discharge. Borehole was filled with bentonite chips. N. Gingrich initiated drilling at direct push injection point 2-T.
- 1050 hrs - Nature's Way mixed injection solution. Injection begun at direct push injection point 2-T.
- 1200 hrs - Injection at point 2-T completed. 200 gallons of the BDI Plus/Nitrogen sparged water was injected at a rate of 3-4 GPM, and 5-20 psi pressure at the pump discharge. Borehole was filled with bentonite chips. S. Gingrich stated that demobilization will be completed in the afternoon. Informed Traci (Intrepid Auto) and R. Alessi (Library) of expected time of completion for demobilization.
- 1215 hrs - Left with Nature's Way staff at the site.

CONTRACTOR/SUBCONTRACTOR PERSONNEL ON SITE:

Name	Company Representing	Reason Onsite	Hours on-site
S. Gingrich	Nature's Way	Helper	5+
N. Gingrich	Nature's Way	Operator	5+

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EQUIPMENT ON SITE:

Equipment	Hrs	Equipment	Hrs	Equipment	Hrs	Equipment	Hrs
Moyno Pump	5						
Water Tank	5						
Earth Probe Boring Eq.	5						
Honda Water Pump	5						

1 – Active Equipment 2 – Inactive Equipment

VISITORS TO SITE:

- Rick Allen, Iyer Environmental Group

PROJECT SCHEDULE ITEMS / ISSUES:

- None

PROJECT BUDGET ISSUES:

- None

OFF-SITE WASTE TRANSPORTATION/DISPOSAL PRODUCTION:

Waste Stream	Method of Transport	Estimated Volume	Disposal Facilities		
N/A					
N/A					

ITEMS OF CONCERN:

- None

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Pg. 4 of 13

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COMMENTS:

- At 0800 hrs, observed the well casing of MPI-6S full of liquid. N. Gingrich noted it was sticky and installed a J-Plug on the well. N. Gingrich mentioned that this occurred during the Phase 1 injections as well.
- S. Gingrich mentioned that the meter in the Mr. C's treatment building is potentially inaccurate and is underestimating the total water usage.
- S. Gingrich mentioned that there was about a half a liter of BDI Plus remaining. This excess BDI Plus was added to the injection solution for the direct push injection point 2-T.
- EEEPC to return to the site on Monday, July 22, 2013, to review the demobilization and note and contact Nature's Way of any required restoration items.

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, drawings)

- Photo log and bio-injection location map is included at the end of the DOR.

Jared Best, EEEPC , Site Representative

ON-SITE REPRESENTATIVE / CONSTRUCTION INSPECTOR:

Name: (signature)



Date: 7/21/13

xc: W. Welling – NYSDEC
M. Steffan – E & E Buffalo
T. Heins – E & E Buffalo

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DAILY PHOTOLOG

Date	Photo ID	Description
7/19/13	IMG_20130719_071309.JPG	Zone 2 prior to disturbance - looking north
7/19/13	IMG_20130719_090643.JPG	View of geoprobe injections at point 2-R - looking east
7/19/13	IMG_20130719_090822.JPG	View of geoprobe injections at point 2-R - looking east
7/19/13	IMG_20130719_101737.JPG	MPI-6S with new J-Plug installed
7/19/13	IMG_20130719_105152.JPG	View of geoprobe injections at point 2-T - looking east



IMG_20130719_071309.JPG

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IMG_20130719_090643.JPG

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IMG_20130719_105152.JPG

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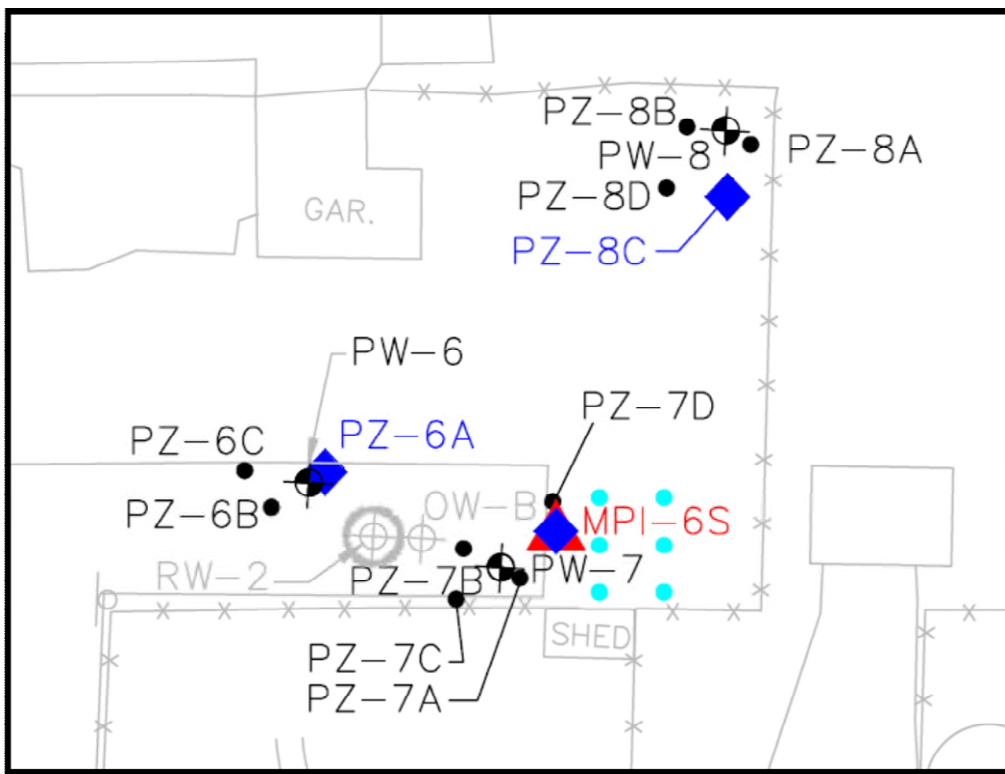
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PROJECT MAPS

1. Bio-injection Location Maps:

A. Offsite

MPI-6S Location (Library)



North →

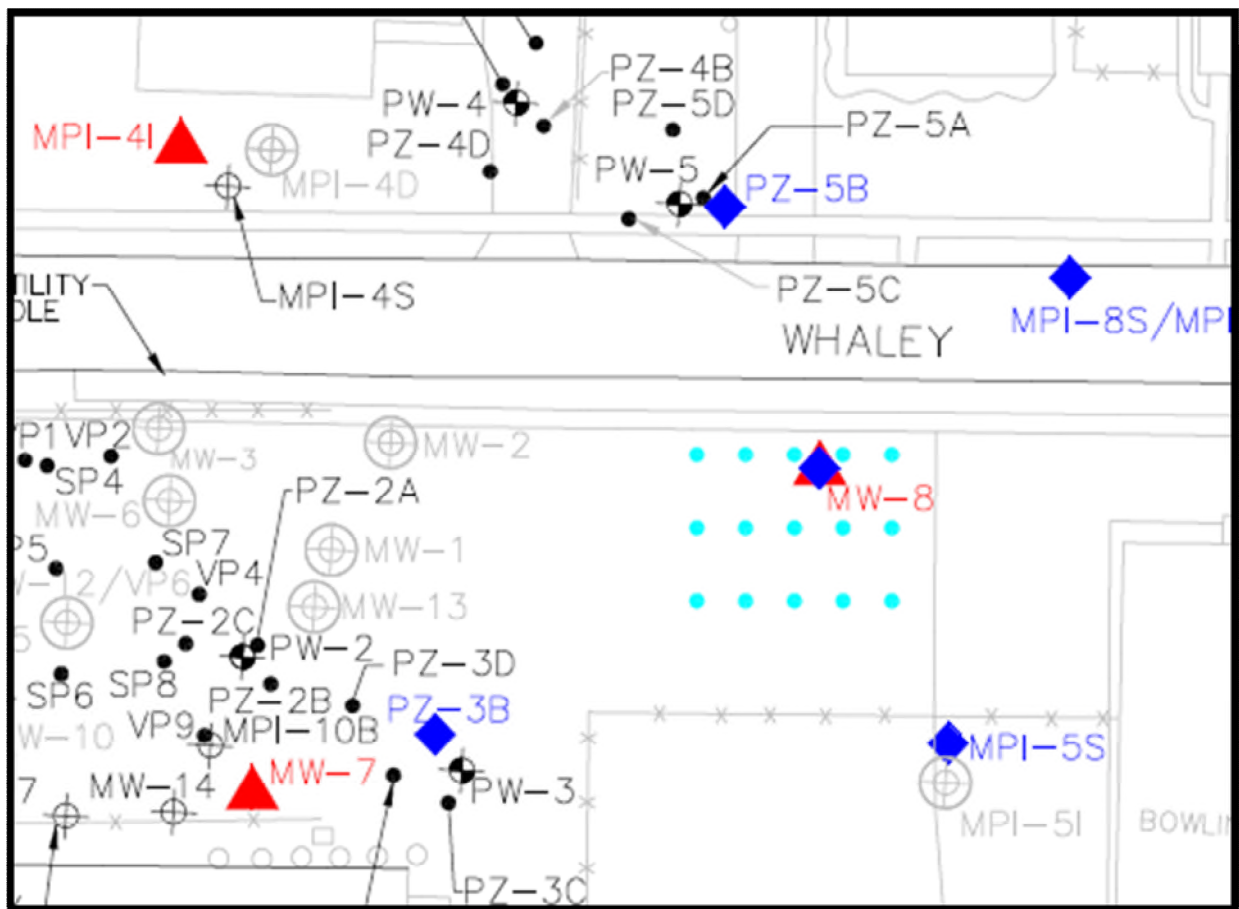
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1. Bio-injection Location Maps:

B. Onsite

MW-8 Location (Whaley Avenue)



North →

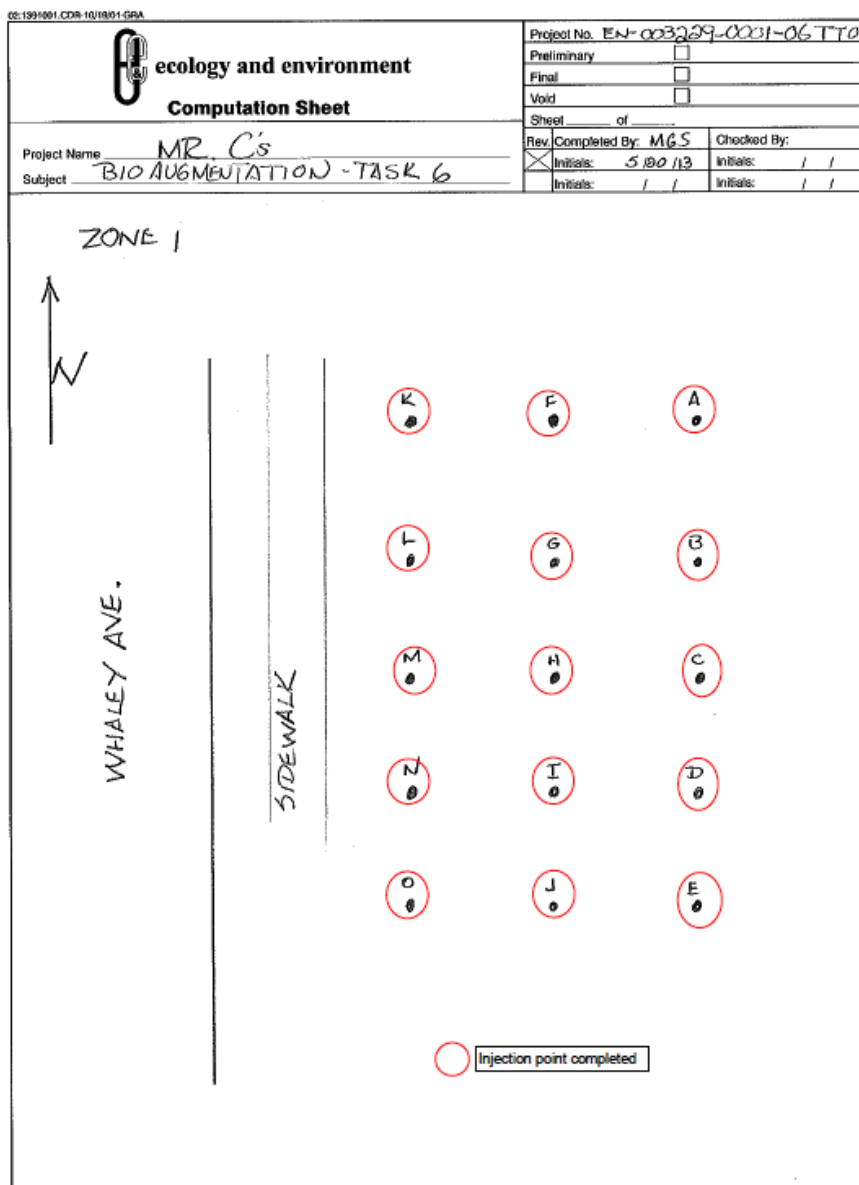
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1. Bio-injection Location Maps:

C. Onsite (Zone 1) – Injection Progress Drawing

MW-8 Location (Whaley Avenue)



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1. Bio-injection Location Maps:

D. Offsite (Zone 2) – Injection Progress Drawing

MPI-6S Location (Behind Library)

