

New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 9

270 Michigan Avenue, Buffalo, New York 14203-2915

Phone: (716) 851-7220 • **Fax:** (716) 851-7226

Website: www.dec.ny.gov



Joe Martens
Commissioner

INSPECTION REPORT

Site Number: 932110

Date: March 4, 2014

Site Name: Vanadium Corporation of America

Location: 4201 Witmer Rd, Town of Niagara, Niagara County

Project Manager: Michael Hinton

Project Engineer: Obrien and Gere – Al Farrell/ Jim Bryck

Contractor: Severson Environmental Services

Job Phone: NA

HEALTH & SAFETY: Level C in work zone

DESCRIPTION OF WORK PERFORMED:

MJH on site at 1035 hrs

Weather – T~9⁰F, WC -2⁰F, overcast, wind SW @ 12 mph

Job Progress Meeting #26

Refer to Meeting summary prepared by OB&G for attendees and discussions.

CAMP – Discussed high upwind dust exceedences that were attributed to Globe. OB&G to provide daily data for Div Air.

SWPP – Added silt fence @ wetland area Site frozen, Glynn Geotechnical continuing to inspect erosion control facilities on a weekly basis. Last Inspection Thursday Feb 27th.

Work Completed – Refer summary notes

Upcoming Work – Refer summary notes

CCMA (OU#1) – Access agreement was signed by Severson.

Wetland Area – Nat Grid will attempt to repair/replace towers in eastern wetland to allow remedial action to continue. If not possible will defer work to later and include it in the SMP. Grid to have a meeting next week with the project team to discuss options for eastern wetland area.

Unanticipated Conditions – water depth in wetland area is unexpected.

NYPA – work in additional slag area complete, extends north from approved addendum. NYPA will not allow additional work until area reviewed. NYPA will not allow work over conduits due to loading. Requested that SES and OB&G figure out how to get the work done with lighter equipment. OB&G to send a structural analysis evaluation to NYPA documenting low or little impact to the conduits from work over them.

Western Wetland – Found slab below 4-5' of water in western wetland area. Advised that it is not necessary to take it out as it is placed on native soil. SES finding native the soil at about 4' below water surface. Requested survey of pad for inclusion in the record drawings.

Fence Grounding – NYPA OK with design plan, Nat Grid has not responded yet.

Next meeting March 11th, 2014

SES excavating western wetland sediments and hauling back to area 3 for consolidation under cover system. Laying out island locations.

SES completed excavation of slag in approved NAPA area.

MJH left site at 1230 hrs.

Attachments: meeting summary, photo's
Inspector's Name (Print): Michael J Hinton
Inspector's Signature:

Date: March 4, 2014



03042014-01 NYPA ROW.jpg



03042014-02 NYPA ROW.jpg



03042014-03 NYPA ROW.jpg



03042014-04 NYPA ROW.jpg



03042014-05 NYPA ROW.jpg

Minutes of Construction Progress Meeting 26

Vanadium Site OU-3 Remedial Action Town of Niagara, New York

The twenty-sixth construction progress meeting was conducted on March 4, 2014 for the Vanadium Site Operable Unit 3 (OU3) Remedial Action (RA) in the Town of Niagara, New York (Site #9-32-001). The meeting was attended by the following representatives:

O'Brien & Gere – Jim Bryk and Brian Garrett on-site, and Al Farrell via telephone
Sevenson – Jack Brueckl, Dave Leising and Mike Welch on-site
National Grid – William Jones on-site
NYSDEC – Michael Hinton on-site

A copy of the meeting agenda is attached.

1. MINUTES OF PRIOR PROGRESS MEETING

There were no comments to the minutes of Progress Meeting 25.

2. HEALTH & SAFETY

There have been 22,253 manhours worked with no accidents or injuries. Safety topics continue to include working in the winter weather and preventing cold stress. The work crew is also briefed on safety requirements regarding work in the wetland area south of OU1.

3. COMMUNITY AIR MONITORING

Community air monitoring is conducted on site while intrusive activities are underway. Mr. Leising reported that on the afternoon of February 24th there was a visible emission of fumes from the Globe Inc. plant which resulted in elevated background air quality levels measured by the site community air monitoring equipment. An emission from the Globe Inc. plant was also observed on February 25th.

Weekly community air monitoring program (CAMP) reports are being forwarded to NYSDEC and NYSDOH as received.

4. STORMWATER POLLUTION CONTROLS

Sevenson has not yet installed silt fence around the topsoil stockpile because the ground is frozen, but a stone berm is located around the stockpile. Sevenson did install approximately 300 ft of silt fence around the slag removal area in the NYPA ROW.

5. SITE SECURITY

No site security issues.

6. COMMUNITY/REGULATORY INTERACTIONS

Sevenson executed an agreement for access through the OU1 site with CC Metals and Alloys. The agreement is valid for a period of 30 days and Sevenson has already informed CC Metals and Alloys that the work in the wetland south of OU1 and the requested transit across OU1 has been delayed and will necessitate extending the access period before the work resumes.

7. WORK COMPLETED DURING PREVIOUS WEEK

Sevenson prepared the attached summary of the work completed since the last progress meeting.

8. UNANTICIPATED CONDITIONS ENCOUNTERED (if any)

An abandoned concrete slab was discovered below the surface in Area 3 Southwest's west sediment wetland; south of OU1.

9. WORK SCHEDULED FOR UPCOMING WEEK

Sevenson distributed the attached two-week projection of work. Sevenson expects to complete work in the NYPA ROW, within the limits established by the December 16, 2013 letter from NYSDEC, by March 5th and is awaiting clearance from NYPA and OGINA to proceed beyond these limits to remove additional slag observed on site as required by the NYSDEC.

Construction of the wetland islands is underway and will continue.

At present SES expects to initiate the winter shutdown on March 24th.

10. OTHER ITEMS

Mr. Jones said he will check with the National Grid transmission group regarding its review of RFI-013 and the proposed fence grounding plan, and will advise if it is acceptable.

Mr. Farrell reported that RFI-016 regarding the decommissioned distribution line in the wetland area south of OU1 was returned with remark that all lines shall be presumed to be energized. RFI-015 requesting permission to work at a clearance of 10 ft from the 12 kV distribution lines is on hold pending development of a plan by the National Grid transmission group for the power lines and towers in the wetland area south of OU1.

Mr. Jones said he is scheduling a meeting to be attended by representatives of O'Brien & Gere and National Grid to review plans for the wetland area and distribution lines south of OU1, and will advise soon regarding the proposed meeting time and date.

11. NYSDEC COMMENTS

Mr. Hinton is presently reviewing the chemical data provided by Sevenson for the common fill proposed to construct the wetland islands. Mr. Farrell reviewed the data and provided it to NYSDEC for review and acceptance, with attention drawn to zinc and acetone levels which should not be an issue.

Mr. Hinton said that slag extending east of the field boundary established by Mr. Fuks of NYPA should be removed if possible. Mr. Bryk advised that Mr. Fuks had concern about the equipment weight on the NYPA water tunnel located deep below the ground surface.

Mr. Jones requested that Mr. Farrell check with NYPA regarding the depth of the water tunnel (conduit) and evaluate the potential load that could result from the construction equipment. Mr. Welch is to provide the weight of equipment for the evaluation.

12. NEXT PROGRESS MEETING

Progress Meeting 27 is scheduled for Tuesday, March 11 at 10:30 AM.

AGENDA
WEEKLY CONSTRUCTION PROGRESS MEETING

VANADIUM SITE OPERABLE UNIT 3 REMEDIAL ACTION
TOWN OF NIAGARA, NEW YORK

1. INTRODUCTION
2. PRIOR MEETING MINUTES (acceptance/comments)
3. HEALTH & SAFETY
 - a. Safety moment to highlight task associated risks
 - b. Monitoring performed
 - c. Compliance with Action Levels
 - d. PPE response/corrective actions (if necessary)
 - e. Accidents/injuries (if any)
4. COMMUNITY AIR MONITORING
 - a. Monitoring performed
 - b. Compliance with Action Levels
 - c. Corrective actions (if necessary)
5. SITE SECURITY
6. STORMWATER POLLUTION CONTROLS
7. COMMUNITY/REGULATORY INTERACTIONS
 - a. NYSDEC
 - b. NYSDOH
 - c. Others (if any)
8. WORK COMPLETED DURING PREVIOUS WEEK
 - a. Excavation & consolidation of slag/soil
 - b. Construction quality control tests performed
 - c. Number of samples collected for analyses
 - d. Laboratory results received
 - e. Construction water management
9. UNANTICIPATED CONDITIONS ENCOUNTERED (if any)
10. WORK SCHEDULED FOR UPCOMING WEEK
 - a. Project tasks to be completed
 - b. Anticipated labor/equipment needs
 - c. Potential hazards/special considerations for toolbox safety meetings
11. NYSDEC COMMENTS

WORK COMPLETED 2/25/14 – 3/4/14

- Continued to prepare and submit contract submittals.
- Continued to perform CAMP activities.
- Continued to implement the health and safety plan.
- Continued to perform daily surveying activities.
- Continued to perform soil erosion and sediment control inspections and maintenance.
- Continued placement of slag and grading operations in Area 3.
- Continued to perform winterization procedures on site equipment.
- Continued to perform excavation operations in the western wetland areas.
- Transported removed sediment from the western wetland area to Area 3 for placement.
- Continued to perform water management activities in the western wetland area.
- Initiated the excavation and grading of additional slag from the NYPA ROW per NYSDEC request.

UPCOMING WORK SCHEDULED

- Continue to perform CAMP activities.
- Continue to implement the health and safety plan.
- Continue to perform daily surveying activities.
- Continue water management as needed.
- Complete the excavation of the western wetland area south of OU-1.
- Complete the construction of the wetland island in the western wetland area, south of OU1.
- Transport removed sediment into Area 3 via Hyde Park and Witmer Ave.

VANADIUM SITE OU-3

- Complete the removal of additional slag on the NYPA ROW per NYSDEC.
- Continue grading slag subgrade in Slag Area 3.
- Shutdown for Winter

**Sevenson Environmental Services, Inc.
Operable Unit #3 (OU-3) Remedial Action
Vanadium Site (Site 9-32-001)**

Two Week Look Ahead

February 23rd - March 22nd[illegible]