

Minutes of Construction Progress Meeting 18

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

The eighteenth construction progress meeting was conducted on January 7, 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 – Dana Tipton, Rick Kopolinski, and Mike Welch on-site
CB&I - Michael Donegan via telephone
NYSDEC – Michael Hinton

A copy of the meeting agenda is attached.

1. MINUTES OF PRIOR PROGRESS MEETING

There were no comments to the minutes of progress meeting 17.

2. HEALTH & SAFETY

There have been no accidents or injuries. Safety topics continue to include working in the winter weather and preventing cold stress.

3. COMMUNITY AIR MONITORING

Community air monitoring continues on site. Sevenson received an executed Agreement for access to the Operable Unit 2 site for purpose of setting a temporary air monitoring station there near the fence between OU2 and OU3. Prior to accessing the OU2 property, Mr. Farrell requested that Sevenson provide notice to O'Brien & Gere of when it plans to initiate access on to the OU2 property, and requested that notice also be provided when Sevenson no longer requires access to OU2. Sevenson will be installing a lock onto the OU2 gate daisy chained to the lock used by Greenstar Environmental.

Sevenson is preparing community air monitoring program (CAMP) reports that are being forwarded to NYSDEC and NYSDOH as received.

4. STORMWATER POLLUTION CONTROLS

Glynn Geotechnical continues to conduct weekly inspections and Sevenson is making minor repairs where necessary on an on-going basis. At present the temperatures are below 32 F and surface water is frozen.

5. SITE SECURITY

There were no site security issues during the two week holiday shutdown. Sevenson continues to remove unnecessary equipment from the site.

6. COMMUNITY/REGULATORY INTERACTIONS

No community interactions during the week.

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)

None

9. WORK SCHEDULED FOR UPCOMING WEEK

Sevenson distributed the attached two-week projection of work.

At this time the meeting was opened to questions and comments.

10. NYSDEC COMMENTS

Mr. Hinton asked if there is any continued concern about the frozen surface water at the tower bases. Mr. Farrell indicated that National Grid has made a determination that there is no concern at present.

Mr. Hinton also said that a vendor (Mr. Bataglia of Ensol) having a paper production byproduct inquired with the NYSDEC about their waste material and suggested it might have a beneficial use on site. Mr. Hinton said that the NYSDEC is not opposed to the concept, but has not been advised of the intended use or approached about making a beneficial use determination. For any a use to be considered, a complete submittal would need to be made by Sevenson demonstrating compliance with the Contract Documents, and a beneficial use determination would need to be made by the NYSDEC.

Mr. Welch said that the same vendor had reached out to Sevenson, and said that Sevenson has not made decision whether or not to propose use of the material on site. Mr. Farrell asked Mr. Welch to make sure a submittal with complete information and identifying the intended use is provided for consideration if Sevenson does which to propose this or other source of material for import to the site.

11. OTHER ITEMS

O'Brien & Gere forwarded the NYSDEC letter dated December 16, 2013 to the New York Power Authority (NYPA) with request that they modify the existing NYPA permit to allow Sevenson to remove the slag from the area identified in the NYPA right-of-way. Mr. Hinton asked that we let the NYSDEC know if NYPA does not cooperate and allow the work to proceed relatively soon.

Next, Mr. Farrell indicated that in the design drawings for the Vanadium OU3 site there is a discrepancy between drawing C-07 (plan view) and Section M-M on drawing C-19 as identified in the Request for Information (RFI) #10 provided on January 6, 2014 by Sevenson. In this case, there does not appear to be reason for the geocomposite clay liner (GCL) in the ditch south of OU2 as shown in Section M-M on drawing C-19. Slag and impacted sediment in this location is being removed and consolidated on the mound before backfill and restoration of the drainage swale. Also, the area is sampled following excavation to confirm achievement of the site cleanup objectives. The GCL appears to serve no purpose in this location and O'Brien & Gere recommends that the construction in this location be completed as shown on drawing C-07 without GCL. Mr. Farrell asked that Mr. Hinton review the RFI and let us know if the NYSDEC concurs.

Also, Mr. Bryk advised that National Grid would be having ATL drill two borings on site during the week of January 13th within the slag mound area near towers 12c and 14c. The borings should be complete in

a couple of days and not impact OU3 remedial actions. A coordination meeting occurred January 6, 2014 with representatives of National Grid, Severson and ATL.

12. NEXT PROGRESS MEETING

Progress Meeting 19 is scheduled for Tuesday, January 14 at 10:30 AM.

AGENDA
WEEKLY CONSTRUCTION PROGRESS MEETING

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

1. INTRODUCTIONS
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 12/17/13 – 1/7/14

- 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 the compaction of subgrade in Slag Area 3.
- Continued slag grading operations in Area 3.
- Continued to perform winterization procedures on site equipment.
- Continued decon and demobe of unessential equipment.
- Continued the slag removal in Area 1.
- Observed Christmas and New Year Holidays

UPCOMING WORK SCHEDULED

- Continue to perform CAMP activities.
- Continue to implement the health and safety plan.
- Continue to perform daily surveying activities.
- Continue grading slag subgrade in Slag Area 3.
- Continue water management as needed.
- Complete the cut / fill operations of slag in Area 1.
- Complete relocation of the CRZ west of Area 1.
- Initiate the removal of slag in Area 5.
- Initiate the removal of sediment from the southwestern sediment area.



Sevenson Environmental Services, Inc.
Operable Unit #3 (OU-3) Remedial Action
Vanadium Site (Site 9-32-001)
Two Week Look Ahead
December 29th - January 25th

TASKS	Previous Week							This Week							Next Week							2 Weeks						
	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa
	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Preparation & Submission of Contract Submittals				N																								
Implement the Health & Safety Plan		N		E		N																						
Perform Soil Erosion and Sediment Control Inspections		O		W		O																						
Obtaining Asbuilt Survey Shots																												
Perform CAMP Operations		W		Y		W																						
Excavate and Grade Slag in Area 1		O		E		O																						
Fill and Compact Subgrade Slag Area 3		R		A		R																						
Excavate and Grade Slag in Area 5		K		R		K																						
Relocate CRZ				S																								
Sediment Removal South of OU2																												
				D																								
				A																								
				Y																								