

Joseph A. Gowers – Project Manager
Southern New Jersey Remediation Section
USEPA Region II
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New York, New York 10007-1866

Subject:

**Ringwood Mines/Landfill Site Monthly Report – September 2007
Ringwood, New Jersey**

ENVIRONMENT

Dear Mr. Gowers:

This monthly report was prepared on behalf of Ford Motor Company (Ford) to summarize the activities conducted at the above-referenced site during September 2007. Activities are proceeding in accordance with work plans that have been approved by the USEPA and NJDEP, and under the oversight of the US Army Corps of Engineers (USACOE).

Date:
October 10, 2007

Contact:
E. Zimmerman

Phone:
201-684-1410

Our reference:
NJ000604.0001

Activities Performed During This Period

The following site investigation and remediation activities were completed during this period:

Site Investigation

- New bedrock wells RW-5A and RW-6A were drilled and 2" PVC screens and casings were installed at intervals and locations agreed upon with the USEPA as part of the Peters Mine Pit Investigation. Existing bedrock monitoring wells RW-5, RW-6, and RW-7 were also completed by setting PVC casing with screen intervals approved by the USEPA.
- Park Brook Sampling Event – ARCADIS and the Edison Wetlands Association (EWA) collected surface water and sediment samples at a location north of the Peters Mine Pit, and from the northern edge of the drainage culvert where it passes under Hope Mountain Road on September 26, 2007. Surface water split samples were also obtained by the USEPA during this work. Additional locations proposed for sampling by the EWA were not sampled due to drought conditions.

Removal Operations

SR-6

- Silt fence and straw bales were installed and maintained along the perimeter of excavation and at disturbed areas for erosion and sediment control.

- Orange construction/safety fence was installed and maintained around the perimeter of the excavation area, as well as at designated access locations.
- 85 tons of paint sludge was loaded out for off-site disposal.
- Boulders were inspected for impacted material, segregated and stockpiled.
- Surficial debris (scrap metal, appliances, trash) and tires were collected from within the proposed excavation area, segregated and stockpiled.
- Excavation of material continued at multiple zones within the SR-6 area. Material was excavated and stockpiled within the excavation area for subsequent waste characterization.
- All removal work was overseen by the US Army Corps of Engineers.
- Air monitoring was continued during all removal activities at SR-6 in accordance with the approved Site Health and Safety Plan and addendums.

Other Site Activities

- Site restoration activities at SR-1, SR-2, SR-9, and SR-11 were continued throughout the month. These areas were re-seeded, irrigated, and maintained.
- Vibra-Tech technicians installed one vibration monitor at the end of Peters Mine Road on September 6, 2007 to monitoring during drilling activities at Peters Mine.
- Joe Gowers and Pat Seppi (USEPA) hosted a site tour of the Peters Mine Area, and Sludge Removal areas SR-3, SR-4, SR-10, SR-7, and SR-6 for representatives from Green Faith, Edison Wetlands Association, local residents, and the press on September 7, 2007.
- Over the past month ARCADIS has met with H2M representatives weekly to discuss site progress and proposed site activities. Additionally, H2M representatives periodically observed on-going site activities at the SR-6 area.
- Joe Gowers and Bill McCabe (USEPA) were onsite to observe the on-going work and progress at the SR-6 area, and toured other Site areas (Peters Mine Area and O'Connor Landfill) on September 14, 2007.
- The geophysical/micro-gravity work planned by the Borough continued along Sheehan Drive and the Cooper Pit Area. The work was performed by Quantum Geophysics, Inc.

Documents Submitted During September 2007:

- On September 14, 2007, ARCADIS submitted an addendum to the SR-6 paint sludge removal work plan requesting approval to stage municipal solid waste on plastic;
- ARCADIS submitted a technical memorandum to the USEPA on September 19, 2007 requesting approval to backfill the western portion of SR-9; and

- ARCADIS submitted the results of investigative work performed within the SR-8 cribbed shaft to the NJDEP and USEPA on September 26, 2007.

Documents Approved/Comments Received:

- On September 14, 2007, ARCADIS received approval from the USEPA regarding the SR-6 work plan addendum to stage municipal solid waste removed from the SR-6 area on plastic.

Work Pending Approval

- The excavation of test pits within the vicinity of the Cannon Mine Pit and Van Dunk Lane has been put on hold pending completion of geophysical work by the Borough of Ringwood and approval to proceed by the USEPA.

Percentage of Completion

- | | |
|--|-------------------|
| • Reconnaissance Survey: | 100% |
| • SR-1 Surficial Paint Sludge / Soil Removal: | 100% |
| • SR-2 Surficial Paint Sludge / Soil Removal: | 100% |
| • SR-3 Surficial Paint Sludge / Soil Removal : | 100% ¹ |
| • SR-4 Surficial Paint Sludge / Soil Removal: | 100% ¹ |
| • SR-5 Surficial Drum Remnant Removal: | 100% |
| • SR-6 Surficial Paint Sludge Removal | 75% |
| • SR-7 Surficial Paint Sludge /Soil Removal | 100% ¹ |
| • SR-8 Surficial Paint Sludge /Soil Removal | 100% |
| • SR-9 Surficial Paint Sludge /Soil Removal | 100% |
| • SR-10 Surficial Paint Sludge/Soil Removal | 100% |
| • SR-11 Surficial Paint Sludge/Soil Removal | 100% |
| • SR-12 Surficial Paint Sludge/Soil Removal | 100% |
| • Remote Drum Remnant Removal: | 100% |
| • UST Removal | 100% |
| • SR-1 & SR-2 areas - Restoration: | 99% |
| • SR-3 area – Restoration: | 0% |
| • SR-4 area – Restoration: | 0% |
| • SR-9 area – Restoration: | 99% |
| • SR-10 area – Restoration: | 25% |
| • SR-11 area – Restoration: | 90% |
| • SR-12 area – Restoration: | 75% |
| • Test Pit Survey | 95% |
| • Peters Mine Pit Investigation | 95% |
| • O’Connor Disposal Area Investigation | 95% |
| • Cannon Mine Pit Investigation | 0% |

Notes:

1. Removal completion within SR-3, SR-4, and SR-7 is dependent upon the results of the mine tailings investigation.

Community Outreach:

- Provided Site tours for interested parties.

Difficulties Encountered:

- At the request of USEPA, test pitting at the former Borough Landfill and along a path to the north of Van Dunk Lane have been put on hold.

Upcoming Activities:

Activities anticipated during the October 2007 reporting period include:

- The completion of surface removal activities within SR-6;
- The backfill and restoration of SR-10 and the western portion of SR-9;
- The performance of site-wide groundwater investigation activities; and
- Initiation of the Cannon Mine Investigation.

Please do not hesitate to contact me if you have any questions or comments.

Sincerely,
ARCADIS US, Inc.



Erich Zimmerman, PE
Project Manager

Copies:

K. Petrone (NJDEP)
K. Hetrick (Ringwood Borough)
B. Bussa (Ford)
T. Green (Ford)
E. Carman (ARCADIS)