

Joseph A. Gowers – Project Manager  
Southern New Jersey Remediation Section  
USEPA Region II  
290 Broadway, 19<sup>th</sup> Floor  
New York, New York 10007-1866

Subject:

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

ENVIRONMENT

Dear Mr. Gowers:

This monthly report was prepared on behalf of Ford Motor Company (Ford) to summarize activities conducted at the above-referenced site during August 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:  
11 September 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**

- The USEPA-approved SR-8 Shaft Water Sampling Work Plan was implemented by representatives from ARCADIS and the USEPA. Samples were collected on August 22, 2007; and
- The USEPA-approved Peters Mine Air Shaft Water Sampling Work Plan was conducted by representatives from ARCADIS and the USEPA. Samples were collected on August 22, 2007.

### **Removal Activities**

#### **SR-6**

- Vibra-Tech technicians installed one (1) additional vibration monitor in connection with removal activities, as requested by USEPA. The additional monitor (which brings the total vibration monitors at SR-6 to four(4)) was installed at the end of Horseshoe Bend Road;
- Trees and brush located in the lower and upper regions of the SR-6 work zone were cleared and chipped;
- Silt fence and straw bales were placed along the perimeter of excavation areas for erosion and sediment control;

- Orange construction/safety fence was installed around the perimeter of the excavation area, as well as at designated access locations;
- Surficial debris, such as scrap metal, appliances, household trash, and tires, were collected from within the proposed excavation areas and stockpiled;
- Excavation of material began along the upper-southern portion of SR-6. Material was excavated and stockpiled within the excavation area, for subsequent waste characterization; and
- Air monitoring was continued during all removal activities at SR-6 in accordance with the approved Site Health and Safety Plan and addendums.

#### SR-7

- Collected post-excavation samples with USEPA within the footprint of the former rock pile on August 8, 2007. A total of eighteen (18) samples were collected (5-sidewall and 13-base).

#### Other Site Activities

- PSE&G and its subcontractors (Langan Engineering & Mazzochi Construction) completed its investigation and asbestos removal activities within the PSE&G right-of-way along the Hope Mountain Road and adjacent to the SR-9 area on August 2-3, 2007. The area was excavated and the soils were sieved and inspected for asbestos-containing material (ACM) or presumed asbestos contaminated material (PACM). A total of thirteen (13) bags of ACM or PACM and soil were located and removed. The excavation area inspected was approximately 20' (l) x 15' (w) x 4' (d). Five (5) soil samples were collected (4-sidewall & 1-base) prior to backfilling the excavation.
- Large boulders were placed along the side-slope of the restored SR-11 area for stabilization.
- Over the past month ARCADIS met with H2M representatives weekly to discuss site issues and proposed site activities. Additionally H2M representatives periodically observed on-going site activities at the SR-6 area.
- Ken Hetrick (Ringwood Borough Manager) was escorted around the SR-6 area by Paul Bracken on August 7, 2007. A detailed description of the on-going construction activities was provided, and the air/vibration monitoring locations were visited along Van Dunk Lane, Petzold Avenue, and Horseshoe Bend Road.
- The geophysical/micro-gravity work that is being undertaken by the Borough began on August 16, 2007 along Horseshoe Bend Road, and continued at

other locations along Van Dunk Lane. The work was performed by Quantum Geophysics, Inc.

- Wayne Mann, Vivian Milligan, Roger DeGroat (Residents), Bob Spiegel (EWA), Theodore Carrington (Green Faith), and Peter Moutague (Environmental Research) observed on-going activities at the SR-6 area on August 23, 2007.

#### **Documents Submitted During August 2007:**

- ARCADIS submitted the revised Paint Sludge and Drum Remnant Removal Work Plan Addendum to the USEPA and NJDEP on August 6, 2007; and
- ARCADIS submitted the revised Cannon Mine Investigation Work Plan to the USEPA and NJDEP on August 30, 2007.

#### **Documents Approved/Comments Received:**

- ARCADIS received approval from the USEPA on August 2, 2007 to perform water sampling within the Peters Mine air shaft and the shaft located within paint sludge removal area SR-8; and
- ARCADIS received conditional approval of the Paint Sludge and Drum Remnant Removal Work Plan Addendum from the USEPA via email on August 6, 2007.

#### **Work Pending Approval**

- ARCADIS is currently awaiting review and approval of the Cannon Mine Work Plan; and
- 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%<sup>1</sup>
- SR-4 Surficial Paint Sludge / Soil Removal: 100%<sup>1</sup>

• SR-5 Surficial Drum Remnant Removal:	100%
• SR-6 Surficial Paint Sludge Removal	65%
• SR-7 Surficial Paint Sludge /Soil Removal	100% <sup>1</sup>
• 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 September 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; and

- The installation of additional bedrock monitoring wells surrounding the Peters Mine Pit.

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

Sincerely,  
ARCADIS US, Inc

A handwritten signature in black ink, appearing to read 'EJZ', with a horizontal line extending to the right.

Erich Zimmerman, PE  
Project Manager

Copies:

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