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Southern New Jersey Remediation Section  
USEPA Region II  
290 Broadway, 19<sup>th</sup> Floor  
New York, New York 10007-1866

ENVIRONMENT

Subject:

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

Dear Mr. Gowers:

Date:  
12 March 2006

This monthly report was prepared on behalf of Ford Motor Company (Ford) to summarize the activities conducted at the above-referenced site during February 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 or Engineers (USACOE).

Contact:  
E. Zimmerman

Phone:  
201-684-1410

### **Activities Performed During This Period**

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

Our reference:  
NJ000604.0001

### **Site Investigation**

- ARCADIS excavated test pits #49, #74, and #75 on the Baratta property, which is located to the south of Margaret King Avenue across from the Ringwood Bureau of Public Works Garage. This work was completed on February 21 and 22, 2007, after providing prior notice to the property owner. USACOE conducted oversight of the work. The field team also excavated test pit #42 adjacent to Park Brook during this period. This test pit was also excavated under the oversight of the USACOE. With the completion of these pits, the only test pits that remain to be excavated under the Post-Reconnaissance Survey Site-Wide Test Pit Survey are test pits in the former Borough Landfill, and test pits within a fill area along a path located to the north of Van Dunk Lane.

### **Removal Operations**

#### **SR-4**

- Excavated approximately 120 tons of material from SR-4 and stockpiled it within SR-7 for subsequent characterization and off-site disposal.
- Performed post-excavation sampling with USEPA on February 28, 2007.

- Air monitoring was continued during all removal activities at SR-4 in accordance with the approved Site Health and Safety Plan and addendums with no exceedances.
- Performed confirmatory test pit around the perimeter of the SR-4 excavation area. The test pit was excavated under the supervision of USACOE.

#### SR-10

- Cleared trees, brush, and debris along the pond embankment and the SR-10 area. Additional work included the temporary diversion of Park Brook and the excavation of the stream bed to re-channel Park Brook, and installation of a diversion trench. Erosion and sediment control measures also were installed around the work zone.
- Excavated approximately 225 tons of stream bed material from Park Brook and 75 tons of pond bed material from the pond area, and stockpiled it within SR-7 for subsequent characterization and off-site disposal. Excavated approximately 150 tons of material from SR-10, and stockpiled it within SR-7 for subsequent characterization and off-site disposal.
- Air monitoring was continued during all removal activities at SR-10 in accordance with the approved Site Health and Safety Plan and addendums. No exceedances were recorded.
- Performed post-excavation sampling, under USEPA oversight, on February 28, 2007.
- Performed confirmatory test pits around the perimeter of the SR-10 excavation area. The test pits were excavated under the supervision of USACOE.

#### Other Site Activities

- ARCADIS met with John Chenger and Kevin Rhome from Bat Conservation and Management, Inc. (BCM) to view the potential hibernacula locations throughout the Site on February 1, 2007.
- ARCADIS met with Joe Gowers and Pat Carr (USEPA), Dominick Fiorilli (Congressman Kevin O'Toole's Office), Nisha Kash and Tatiana Glavan (Congressman Scott Garrett's office) to inspect the Site and discuss remediation activities on February 1, 2007.
- ARCADIS met with Mark Sprenger (USEPA) to investigate the O'Connor Disposal Area for any evidence of rabbit tracks in the snow covered ground on February 5, 2007.
- ARCADIS met with Dan Cooke (LM REAC) on February 8, 23, and 27, 2007 prior to placing feed to attract deer for the upcoming hunting event.
- Over the past month, ARCADIS met with H2M representatives weekly to discuss site issues and proposed site activities.
- ARCADIS provided tours to a People Magazine photographer on February 22 and 28, 2007.

**Documents Submitted During February 2007:**

- ARCADIS submitted a revised Indiana Bat Survey Work Plan to the USEPA on February 2 2007. A final revision to this document was subsequently submitted to the USEPA on February 16, 2007;
- ARCADIS submitted responses to Agency comments on February 9, 2007 regarding the Peters Mine Pit Air Shaft Investigation Work Plan;
- ARCADIS submitted responses on February 9, 2007 to comments submitted by Chapin Engineering to the USEPA regarding the Mine Tailings Investigation Work Plan.

**Documents Approved/Comments Received:**

- ARCADIS received an approved Landfill Disruption Permit Equivalency from the NJDEP on February 9, 2007;
- ARCADIS received approval via email on February 14, 2007 from the USEPA to prepare the final Peters Mine Air Shaft Investigation Work Plan;
- ARCADIS received final comments regarding the Cannon Mine Investigation Work Plan on February 15, 2007; and
- ARCADIS received approval via email on February 28, 2007 regarding the revised Indiana Bat Survey Work Plan.

**Work Pending Approval**

- Mine tailings investigation
- Cannon Mine investigation
- Completion of the site wide-test pit investigation
- SR-6 surficial paint sludge removal

**Percentage of Completion**

- |  |      |
|--|------|
| • Reconnaissance Survey:                     | 100% |
| • SR-1 Paint Sludge / Soil Removal:          | 100% |
| • SR-2 Paint Sludge / Soil Removal:          | 100% |
| • SR-3 Paint Sludge / Soil Removal :         | 99%  |
| • SR-4 Paint Sludge / Soil Removal:          | 95%  |
| • SR-5 Surficial Drum Remnant Removal:       | 100% |
| • SR-6 area – Surficial Paint Sludge Removal | 65%  |
| • SR-7 Surficial Paint Sludge /Soil Removal  | 100% |
| • SR-8 Paint Sludge /Soil Removal            | 100% |
| • SR-9 Paint Sludge /Soil Removal            | 100% |
| • SR-10 Paint Sludge/Soil Removal            | 99%  |
| • SR-11 Paint Sludge/Soil Removal            | 05%  |
| • SR-12 Paint Sludge/Soil Removal            | 99%  |

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|--|------|
| • Remote Drum Remnant Removal:         | 100% |
| • SR-1 & SR-2 areas - Restoration:     | 75%  |
| • UST Removal                          | 100% |
| • SR-3 area – Restoration:             | 0%   |
| • SR-4 area – Restoration:             | 0%   |
| • Test Pit Survey                      | 95%  |
| • Peters Mine Pit Investigation        | 95%  |
| • O’Connor Disposal Area Investigation | 90%  |
| • Cannon Mine Pit Investigation        | 0%   |

**Community Outreach:**

- Provided Site tours for interested parties.

**Difficulties Encountered:**

- At the request of USEPA, investigatory work at the Cannon Mine, removal work within SR-6, and test pitting at the former Borough Landfill and along a path to the north of Van Dunk Lane has been put on hold due to resident concerns regarding sink holes in the Van Dunk Lane area;
- At the request of USEPA, activities at the O’Connor Disposal Area have been postponed pending completion of the biota study sampling activities.

**Upcoming Activities:**

Activities anticipated during the March 2007 reporting period include:

- Submit the preliminary Indiana Bat Hibernacula Survey Report;
- Complete removal activities within SR-10 in accordance with the approved GP-4 Site-Wide Wetland and Stream Encroachment Permit Equivalency;
- Begin removal work within SR-11 in accordance with the approved GP-4 Site-Wide Wetland and Stream Encroachment Permit Equivalency;
- Complete test pits and test trenches within the O’Connor Disposal Area in accordance with the approved O’Connor Disposal Area Investigation;
- Begin semi-annual site-wide groundwater sampling activities; and
- Begin down-hole video activities within the Peters Mine Air Shaft.

Joseph Gowers  
12 March 2006

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 be '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)