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Subject:

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

Dear Mr. Gowers:

This monthly report was prepared on behalf of Ford Motor Company (Ford) to summarize the activities conducted at the Ringwood Mines/Landfill Site during November 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).

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

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

#### **Site Investigation**

- ARCADIS, in conjunction with Compass, continued the Post-Reconnaissance Survey Site-wide Test Pit Investigation. The crew conducted test pits on non-residential properties throughout the site from November 5, 2007 through November 6, 2007 (Test Pits #37, #38, #55, and #56). The test pits were excavated under the supervision of representatives of USACOE.
- ARCADIS and USEPA collected 10 surface soil samples within the Cannon Mine Pit Area from November 1, 2007 through November 5, 2007 in accordance with the approved work plan<sup>1</sup>. The test pits required by the Cannon Mine Pit Area work plan have also been completed.
- ARCADIS, characterized, sampled, and over-packed ten (10) drums excavated during the investigation test pit activity at the Cannon Mine Area on November 6, 2007. H2M Associates also collected split samples of the drum contents. The USACOE representative was onsite to observe the over-pack drum work.

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<sup>1</sup> Site-Wide Investigation, Module 6 – Investigation of the Cannon Mine Pit Area. ARCADIS US, Inc., August 2007.

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ENVIRONMENT

Date:  
December 12, 2007

Contact:  
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Our reference:  
NJ000604.0001

## **Removal Operations**

### **SR-6**

- Silt fence and straw bales were installed/maintained along the perimeter of excavation and at disturbed areas for erosion and sediment control.
- Orange construction/safety fence was installed/maintained around the perimeter of the excavation area, as well as at designated access locations.
- ARCADIS and Compass loaded out 695 tons of characterized non-hazardous materials for off-site disposal.
- ARCADIS and Compass commenced the excavation, inspection and stockpiling of municipal solid waste from the top ridge/slope area at SR-6. Approximately 300 cubic yards of municipal solid waste, soil, and rock was stockpiled.
- 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**

- ARCADIS and Compass loaded out 737 tons of characterized non-hazardous soils for off-site disposal.
- Air monitoring was continued during all load-out activities at SR-7 in accordance with the approved Site Health and Safety Plan and addendums.

### **West Area SR-9**

- ARCADIS and Compass loaded out 22 tons of characterized non-hazardous soils for off-site disposal.
- Air monitoring was continued during all load-out activities at SR-7 in accordance with the approved Site Health and Safety Plan and addendums.

### **SR-10**

- ARCADIS and Compass loaded out 135 tons of characterized non-hazardous soils for off-site disposal.
- Air monitoring was continued during all load-out activities at SR-10 in accordance with the approved Site Health and Safety Plan and addendums.

## **Other Site Activities**

- Water collected through dewatering excavation areas and from the site wide groundwater event was pumped from the onsite storage tanks, treated

through the onsite treatment system, and discharged. Approximately 28,975 gallons of water were pumped and treated.

- Tank No. 2 was decontaminated and prepared for demobilization.
- ARCADIS and Compass placed seed and straw at site-wide test pit locations for restoration.
- ARCADIS and Compass stabilized the embankment at the restored SR-11 area by placing boulders along the side slope.
- Joe Gowers (USEPA), Ken Petrone and other NJDEP members were onsite at the Cannon Mine and SR-6 areas to visually inspect the area prior to the public meeting on November 1, 2007.
- Vivian Milligan (Resident) and Cynthia McFadden (ABC News) along with the ABC News camera crew stopped by the construction trailers, and requested access to the Site on November 20, 2007. A tour of the Site was re-scheduled for a later date.
- 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.

#### **Documents Submitted During November 2007:**

- ARCADIS submitted a request to discharge water managed within the on site frac tanks after treatment to the USEPA on November 7, 2007;
- ARCADIS submitted a draft letter proposal regarding the installation of a monitoring well within the WASR-9 area on November 8, 2007;
- ARCADIS submitted a request to the USEPA for the modification of the Cannon Mine investigation soil boring program on November 14, 2007;
- ARCADIS submitted a revised letter proposal regarding the installation of a monitoring well within the WASR-9 area on November 26, 2007; and
- ARCADIS submitted a draft letter requesting approval to backfill the WASR-9 area on November 27, 2007.

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

- ARCADIS received approval from the USEPA to discharge water after treatment from the on-site storage tanks on November 7, 2007;
- ARCADIS received comments regarding the installation of a monitoring well within the WASR-9 area on November 16, 2007;
- ARCADIS received approval from the USEPA the installation of a monitoring well within the WASR-9 area on November 27, 2007;
- ARCADIS received approval to modify the Cannon Mine investigation soil boring program from the USEPA on November 27, 2007; and
- ARCADIS received approval to backfill the WASR-9 from the USEPA on November 28, 2007.

**Work Pending Approval**

- None

**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	85%
• 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:	75%
• SR-11 area – Restoration:	99%
• SR-12 area – Restoration:	75%
• Test Pit Survey	95%
• Peters Mine Pit Investigation	95%
• O’Connor Disposal Area Investigation	95%
• Cannon Mine Pit Investigation	20%

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:**

- None

**Upcoming Activities:**

Activities anticipated during the December 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
- Completion 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)