

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 – December 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 Ringwood Mines/Landfill Site during December 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:

January 9, 2008

Contact:

E. Zimmerman

Phone:

201-684-1410

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

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

Our reference:

NJ000604.0001

### **Site Investigation**

- ARCADIS, in conjunction with Boart Longyear, completed six (6) vertical borings within the Cannon Mine Pit Area with a rotosonic drilling rig from December 6, 2007 through December 18, 2007 in accordance with the approved work plan<sup>1</sup>. ARCADIS visually checked and described wastes present, and collected samples. One (1) vertical boring was converted into a monitoring well completed within the fill materials.
- ARCADIS, in conjunction with Summit Drilling, installed two (2) bedrock monitoring wells at the Cannon Mine Pit Area and one (1) bedrock monitoring well south of the Hard Mine Pit using an air-rotary drilling rig from December 10, 2007 through December 17, 2007 in accordance with the approved work plan<sup>1</sup>.
- ARCADIS also installed one (1) overburden monitoring well down gradient of the west SR-9 area. The flush-mount monitoring well is located on Hope

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<sup>1</sup> Site-Wide Investigation: Investigation of the Cannon Mine Pit Area. ARCADIS US, Inc., August 2007, as revised via letter to the USEPA dated November 14, 2007.

Mountain Road between the restored excavation areas of West Area SR-9 and SR-9. The monitoring well was installed on November 17, 2007.

### **Removal Operations**

#### **SR-6**

- Silt fence and straw bales were installed/maintained along the perimeter of the 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 began the excavation, inspection, and stockpiling of the municipal solid waste from the top ridge/slope area at SR-6. Approximately 645 cubic yards of municipal solid waste, soil, and rock were stockpiled.
- ARCADIS collected waste characterization samples from the stockpile(s) of municipal solid waste material excavated from the upper portion of SR-6. The results of characterization indicated that these materials were not hazardous.
- ARCADIS continued the excavation of materials from within the lower portion of the SR-6 area. Materials were excavated and stockpiled within the lower area for subsequent waste characterization.
- 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**

- ARCADIS backfilled the western SR-9 area with clean fill material and boulders. This area is scheduled for restoration during 2008.
- Ken Petrone (NJDEP- Remediation Case Manager) and Scott Shrader (NJDEP –Investigator, Bureau of Solid Waste Compliance & Enforcement) were on site to inspect the ongoing work at SR-6 on December 5, 2007. They observed the work zones and documented the waste material stockpiles that were generated.
- Joe Gowers (USEPA) was onsite at the Cannon Mine and SR-6 areas to observe work activities on December 7, 2007.

- Over the past month ARCADIS met with H2M representatives weekly to discuss site issues and proposed site activities.

**Documents Submitted During December 2007:**

- ARCADIS submitted the November Monthly Report to the USEPA on December 12, 2007.

**Documents Approved/Comments Received:**

- None

**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>2</sup>
• SR-4 Surficial Paint Sludge / Soil Removal:	100% <sup>2</sup>
• SR-5 Surficial Drum Remnant Removal:	100%
• SR-6 Surficial Paint Sludge Removal	85%
• SR-7 Surficial Paint Sludge /Soil Removal	100% <sup>2</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-7 area – Restoration:	0%
• SR-8 area – Restoration:	85%

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<sup>2</sup> EPA has requested that completion of restoration activities at SR-3, SR-4, and SR-7 be delayed, pending the completion of the mine tailings investigation. As noted above, removal activities in those areas have been completed.

- 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 95%

**Community Outreach:**

- The November 2007 Monthly Report was posted on Ford’s website, [www.ringwoodsiteupdate.com](http://www.ringwoodsiteupdate.com). The December 2007 Report will be posted on the website upon submittal to USEPA.

**Difficulties Encountered:**

- None

**Upcoming Activities:**

Activities anticipated during the January 2008 reporting period include:

- The completion of surface removal activities within SR-6.

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)