



Infrastructure, environment, buildings

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Subject:  
**Ringwood Mines/Landfill Site Monthly Report – May 2010**  
**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 May 2010. 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:  
June 10, 2010

Contact:  
E. Zimmerman

Phone:  
201-684-1410

Our reference:  
NJ000604.0035

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

The following activities were completed during this period:

#### **Site Investigation**

- ARCADIS completed the installation of multi-level ZIST system wells during the second week in May 2010; and
- ARCADIS began Site-wide groundwater sampling at the Ringwood Site on May 24, 2010. Representatives of the USEPA were on Site to collect representative split samples.

#### **Removal Operations**

- None conducted

#### **Restoration Activities**

- ARCADIS conducted wetland mitigation planting and/or invasive species control within former paint sludge removal areas SR-1, -2, -3, -4, 7 and 9 on May 14, 2010.

#### **Other Site Activities**

- None

**Documents Submitted**

- ARCADIS submitted a copy of the NJDEP wetland modification approval letter to the USEPA on May 4, 2010. This letter approved the discontinuation of monthly mitigation monitoring within former paint sludge removal areas SR-1, SR-2, SR-9 (upper portion) and SR-11; and approved proposed mitigation plans for former paint sludge removal areas SR-3, SR-4 and SR-7;
- ARCADIS submitted a request to backfill, grade and restore the “scrape” area within the upper portion of SR-7 to the USEPA on May 7, 2010. This was the last area within SR-7 for which approval to backfill was required;
- ARCADIS submitted the April 2010 Monthly Report for the Ringwood Mines/Superfund Site to the USEPA on May 7, 2010;
- Ford signed the Administrative Order on Consent covering the performance of deliverables associated with the Human Health Risk Assessment, Ecological Risk Assessment, Remedial Investigation Report and Feasibility Study for each Area of Concern at the Ringwood Site on May 17, 2010; and
- ARCADIS submitted the draft Feasibility Study Work Plan for the Peters Mine Pit area, Cannon Mine Pit area, O’Connor Disposal area and Site-wide Groundwater Areas of Concern to the USEPA and NJDEP on May 27, 2010.

**Documents Approved/Comments Received**

- The USEPA provided ARCADIS with comments regarding proposed packer testing intervals within recently-installed bedrock wells RW-3D and RW-11 on May 12, 2010;
- The USEPA requested that Ford and ARCADIS sample the seep along Cannon Mine Road as part of semi-annual groundwater sampling activities on May 13, 2010;
- The USEPA provided notice on May 21, 2010 that the Agencies had accepted ARCADIS' responses to comments on the Cannon Mine Pit Memo, and that a final technical memorandum was to be prepared; and
- The USEPA signed the Administrative Order on Consent outlined above on May 24, 2010 and returned it to Ford on June 1, 2010.

**Work Pending Approval**

The following work is pending the review and/or approval of documents by the USEPA and NJDEP:

- 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%
- SR-4 Surficial Paint Sludge/Soil Removal: 100%
- SR-5 Surficial Drum Remnant Removal: 100%
- SR-6 Surficial Paint Sludge/Soil Removal: 100%
- SR-7 Surficial Paint Sludge/Soil Removal: 100%
- 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 - Restoration: 100%
- SR-3 area – Targeted Mine Tailings Removal: 100%
- SR-4 area – Targeted Mine Tailings Removal: 100%
- SR-7 area – Targeted Mine Tailings Removal: 100%
- SR-3 area – Restoration: 75%
- SR-4 area – Restoration: 75%
- SR-7 area – Restoration: 75%
- SR-6 area – Restoration: 90%
- SR-8 area – Restoration: 85%
- SR-9 area – Restoration: 100%
- SR-10 area – Restoration: 100%
- SR-11 area – Restoration: 100%
- SR-12 area – Restoration: 100%
- Test Pit Survey: 100%
- Peters Mine Pit Investigation: 99%<sup>1</sup>
- O'Connor Disposal Area Investigation: 99%<sup>1</sup>
- Cannon Mine Pit Investigation: 99%<sup>1</sup>

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<sup>1</sup> Field work associated with the initial scope of work for this investigation has been completed.

**Community Outreach**

Ford continues to provide updated materials to the public website, [www.ringwoodsiteupdate.com](http://www.ringwoodsiteupdate.com).

**Difficulties Encountered**

- None

**Upcoming Activities**

Activities anticipated during the June 2010 reporting period include:

- Wetland mitigation planting within SR-3, -4, and -7;
- Packer testing and Site-wide groundwater sampling; and
- Bi-weekly Site inspection and maintenance.

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. Rohde – (Ringwood Borough)  
R. Fitzgerald – Ringwood State Park  
B. Bussa (Ford)  
T. Green (Ford)  
E. Carman (ARCADIS)