ARCADIS
Infrastructure, environment, buildings

ARCADIS US, Inc.
1 International Blvd., Suite 406
Mahwah, New Jersey 07495
Tel 201 684 1410
Fax 201 684 1420
www.arcadis-us.com

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

ENVIRONMENT

Subject:
Ringwood Mines/Landfill Site Monthly Report – April 2010
Ringwood, New Jersey

Date:
May 7, 2010

Contact:
E. Zimmerman

Phone:
201-684-1410

Our reference:
NJ000604.0035

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 April 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).

Activities Performed During This Period

The following activities were completed during this period:

Site Investigation

- ARCADIS began installation of Zone Isolation Sampling Technology (ZIST) systems within existing open hole bedrock wells at the Site; and

- ARCADIS performed down-hole video within the Cannon Mine Shaft on April 22nd and 23rd.

Removal Operations

- Backfill, grading, topsoil placement, and hydro-seeding were completed within paint sludge removal area SR-3. ARCADIS also completed the construction of stream channels and pools, and performed other landscaping activities associated with wetland mitigation activities at this location;

- Backfill, grading, topsoil placement and hydro-seeding were completed within paint sludge removal area SR-4. ARCADIS also completed landscaping and the placement of boulders and logs associated with wetland mitigation activities at this location;

- Backfill, grading, topsoil placement and hydro-seeding were completed within paint sludge removal area SR-7 During April. ARCADIS also

completed landscaping, and the placement of boulders and logs associated with wetland mitigation activities at this location; and

- Targeted paint sludge removal activities were completed within the former O'Connor Disposal Area during March. As of April 30, approximately 1,900 tons of paint sludge had been excavated and removed from this area for offsite disposal.

Restoration Activities

- ARCADIS received a letter on April 30, 2010 from the NJDEP Bureau of Land Use approving proposed mitigation plans for former paint sludge removal areas SR-3, -4, and -7. The letter also approves the discontinuation of mitigation monitoring within previously mitigated areas SR-1, -2, and -11. Approval to discontinue mitigation monitoring within the PSEG right of way within SR-9 was also granted.

Other Site Activities

- None

Documents Submitted

- ARCADIS submitted a Technical Memorandum to the USEPA on April 1, 2010 requesting approval to backfill and restore the lower portion of former paint sludge removal area SR-3;

- ARCADIS submitted a Technical Memorandum to the USEPA on April 1, 2010 requesting approval to backfill and restore areas of former paint sludge removal area SR-7 located outside of the soil stockpile and scrape area;

- ARCADIS submitted responses to the USEPA on April 2, 2010 regarding the Agency's February 25, 2010 comment letter regarding the draft Human Health Risk Assessment Exposure Scenarios and Assumptions Memorandum;

- ARCADIS submitted a Technical Memorandum to the USEPA on April 20, 2010 requesting approval to bring in clean soil from a local offsite source; and

- ARCADIS submitted a presentation to the USEPA on April 27, 2010 outlining photographically the progress made during targeted removal activities conducted during the period from January through April 2010.

Documents Approved/Comments Received

- The USEPA provided ARCADIS with approval via email to backfill the lower portion of paint sludge removal area SR-3 on April 2, 2010;
- The USEPA provided ARCADIS with approval via email to backfill paint sludge removal area SR-7 outside the loadout area on April 2, 2010;
- The USEPA provided ARCADIS with approval via email on April 8, 2010 to import top soil from the proposed source; and
- The USEPA provided ARCADIS with approval via email on April 20, 2010 to import clean fill from a local offsite source.

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: 50%
- SR-4 area – Restoration: 50%
- SR-7 area – Restoration: 50%
- 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%[1]
- O'Connor Disposal Area Investigation: 100%
- Cannon Mine Pit Investigation: 99%[1]

Community Outreach

Ford continues to provide updated materials to the public website, www.ringwoodsiteupdate.com.

Difficulties Encountered

- None

Upcoming Activities

Activities anticipated during the May 2010 reporting period include:

- Wetland mitigation planting within SR-3, -4, and -7;
- Completion of ZIST system installation within existing open-hole bedrock wells at the Site;
- 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

[1] Field work associated with the initial scope of work for this investigation has been completed.

Copies:
K. Petrone (NJDEP)
K. Rohde – (Ringwood Borough)
R. Fitzgerald – Ringwood State Park
B. Bussa (Ford)
T. Green (Ford)
E. Carman (ARCADIS)