

**PROGRESS REPORT #46 - MARCH 2017**

To: Chris Clark, Pharmacia LLC  
Jeff Tracy, Project Coordinator for the Respondents, Quantum Management Group, Inc.

From: Greg Johnson, P.H., P.G., P.E., Geosyntec Consultants

Date: 10 April 2017

**RE: Milwaukee Die Casting Company (MDCC) Site**  
Milwaukee, Wisconsin  
CERCLIS ID#WIN000510552  
RCRA ID#WID006102305

Geosyntec Consultants (Geosyntec) has prepared this Progress Report #46 – March 2017 on behalf of Pharmacia, LLC (Pharmacia), which is acting on behalf of the Respondents to the Administrative Settlement Agreement and Order on Consent for Removal Action, Docket No. V-W-13-C-007 (AOC) for the above referenced site (“Site”).

This progress report documents Site actions performed during March 2017 and describes anticipated remaining Site actions. The report is generally organized pursuant to Section VIII of the AOC (Paragraphs 16a through 18).

**1. ACTIONS PERFORMED IN MARCH 2017**

<b>Removal Action Component (paraphrased from AOC Section VIII)</b>		<b>Activities Completed in March 2017</b>
16a	Develop and implement Air Monitoring Plan, Emergency Contingency Plan, Site Security Plan, and Storm Water Management Plan.	Activity complete.
16b	Inspect, clean, and seal sewer laterals, and remove the mid-central lateral.	Activity complete.
16c	Identify and remove free product and sources of free product.	Activity complete.
16d	Excavate and dispose of off-site soils contaminated with polychlorinated biphenyls (PCBs) and chlorinated solvents in unsaturated soils.	Activity complete.
16e	Identify, remove, and properly dispose of asbestos containing materials.	Activity complete.
16f	Demolish the remnants of the building.	Activity complete.

Removal Action Component (paraphrased from AOC Section VIII)		Activities Completed in March 2017
16g	Decommission tunnel system beneath building.	Activity complete.
16h	Excavate and dispose of on-site unsaturated soils contaminated by chlorinated solvents.	Activity complete.
16i	Excavate and dispose of PCB bulk remediation waste not included in 16c and 16d.	Activity complete.
16j	Conduct post-excavation sampling to verify clean-up.	Activity complete.
16k	Establish a cap for the Site and restore vegetative cover.	Activity complete.
16l	Establish institutional controls.	On 3/10/17, the Project Coordinator on behalf of the Respondents, submitted the revised draft "Post-Removal Site Control Plan (dated March 8, 2017) and the draft "Continuing Obligations Package" (dated March 8, 2017) to the United States Environmental Protection Agency (USEPA) for approval.  Geosyntec assessed the vegetative cover and cap on 3/28/17.
17/19	Work Plan and Implementation.	Activity complete.
18	Health and Safety Plan.	Implemented the Project Health and Safety Plan (HASP) during Site activities as appropriate.

## 2. ACTIONS PLANNED AND SCHEDULED

As agreed to by the USEPA and the Project Coordinator during a site meeting on July 14, 2016, the vegetative cover will be mowed if higher than approximately 2 to 2 and ½ feet tall and the condition of the cap will be observed monthly or following a significant rainfall (greater than 1-inch per rainfall event) until the Cap Maintenance and Post Removal Site Control Plan are finalized and approved by the USEPA. The temporary fence will remain for the near term.

The Final Report will be submitted to USEPA within 60 days of the completion of all Work to be Performed, as defined in Section VIII of the AOC.

On March 10, 2017, the Project Coordinator on behalf of the Respondents, submitted the revised draft "Post-Removal Site Control Plan" (dated March 8, 2017) and the draft "Continuing Obligations Package" (dated March 8, 2017) to the USEPA. Activities specified in the Cap Maintenance Plan will commence following regulatory approval of the plan.

### **3. PROBLEMS ENCOUNTERED AND RESOLVED**

During the March 28, 2017 cap inspection, vehicle tracks were observed entering the Site from the north off-Site property parking lot. The vehicle tracks were limited to an isolated area in the northwest/north-central portion of the Site. The disturbance to the vegetative cover was less than ½-inch for the most part, with a small portion of the disturbance being not more than 1-inch. The cap remains intact; no material beneath the topsoil is exposed. Photographs of the disturbed topsoil are attached.

The draft Cap Maintenance Plan submitted to the USEPA proposed that minor repairs will be completed as soon as practicable or no later than 72 hours after discovery. Repair activities, if necessary, will include raking and re-seeding the disturbed area. The topsoil across the cap and Site is currently too wet to rake due to recent heavy rain. Necessary restoration to the vegetative cover will be made as soon as conditions allow. Restoration activities will be documented in the corresponding Progress Report following the work.

### **4. ANTICIPATED PROBLEMS AND PLANNED RESOLUTION**

No problems are anticipated during April 2017.

**GEOSYNTEC CONSULTANTS**  
**Photographic Record**



**Client:** Pharmacia

**Project Number:** CHW8271

**Site Name:** Milwaukee Die Cast Company (MDCC) Site

**Site Location:** Milwaukee, WI

**Photograph 1**

**Date:** 3/28/2017

**Direction:** S

**Comments:** Cap inspection observation - vegetative cover disturbance; vehicle tracks in an isolated area in the northwest/north-central portion of the Site.



**Photograph 2**

**Date:** 3/28/2017

**Direction:** SW

**Comments:** Cap inspection observation - vegetative cover disturbance; vehicle tracks in an isolated area in the northwest/north-central portion of the Site.

