

Marjol Site Remediation Update

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www.marjolicleanup.com

ONGOING CONSTRUCTION ACTIVITIES

The second construction season of the Final Remedy at the Marjol Battery Site (Site) began on March 16, 2009. Construction activities are planned to take until approximately November 2009 to complete, although it's possible that we will need to go into a third construction season in spring 2010 to finish. Our priority is to make sure the work gets done carefully and completely, more so than by a certain date. The construction schedule depends on many factors, including the amount of contaminated material in each excavation area (compared to the amount expected based on previous testing) and of course, the weather. We will continue to provide construction schedule updates to you as the season progresses.

Construction activities this season began where we left off last season with excavation of the front parking lot (Area M). Excavation has proceeded to additional site areas (Areas J, L, I, and K) and into the areas of the North Woods that are inside the Facility perimeter fence (all North Woods areas outside of the perimeter fence were completed last season). Once these areas are backfilled, the support zone will be moved to Area M and then the area where the support zone used to be will be excavated (Area O). There is a drawing on page 3 that identifies the various excavation areas. Excavation activities this season are expected to take approximately 4 months and then capping activities will begin. There is a table on page 2 that outlines the activities for Season 2 and provides approximate dates.

While the excavations are going on, the contractor is also going back to areas that were excavated last season to place erosion control materials, and in some areas, to re-seed in order to obtain good vegetative growth (get grass growing) on the completed areas. As grass begins to grow and the leaves come back onto the trees, the view of the hillside will get much better.

THROOP BOROUGH'S FILL SOURCE

We will be using Throop Borough's 48-acre property as our primary fill source. Throop Borough and Gould have agreed that Gould will be able to use the material from the 48 acres as backfill material on the Site. Using this material will be a benefit to everyone. By removing fill from the Borough's 48-acre property, the Borough will be getting some necessary grading work done in preparation for future construction activities (a proposed park) that may take place on the property. Gould has also agreed to install the base for a roadway along the haul road that will be used so that the Borough will eventually have a secondary access route to its 48-acre property. The greatest advantage of using the Borough's fill is that the trucks bringing the fill into the Site will not have to run on Borough roads.

The fill material from the borough property is a residue from prior mining called "red ash." An NPDES permit from Lackawanna County and a regulated fill permit from PADEP were required and obtained without difficulty. The fill material has no connection with the Marjol lead operations, and is not contaminated with lead.

A haul road will be constructed from the Borough's 48-acre property to the Marjol site through the North Woods. Work on the Borough's 48-acre property and on the haul road will be conducted similar to any uncontaminated construction site where dust is controlled as a nuisance. **The "No Visible Dust Rule" that is in effect on the Marjol Site will not be in effect on the haul road or on the Borough's property as these areas are not contaminated with lead.** Trucks will still use Delaware Street to bring in topsoil, stone, geosynthetics for the cap, and other items, but using the Borough's 48 acres as a fill source will significantly reduce the number of trucks that will have to traverse Delaware Street.

COMMUNITY RELATIONS

We are committed to keep the residents informed of the ongoing activities at the Site. We will continue to send newsletters and flyers; we will call near-by residents to inform them of activities that may raise questions; we will attend or provide written updates for the Throop Borough Council Work Sessions; and we will continue to post information including air monitoring data on the web site on a regular basis. Residents are welcome to call Gould's Community Relations Representative, Lisa Ayers, with any questions or concerns they might have. We know that implementation of the Final Remedy is disruptive to our near-by neighbors and so we thank you in advance for your patience as we begin this second season of construction.

Season 2 Project Schedule & Remediation Activities

Note: The dates for the 2009 Construction Schedule are approximate. The actual construction schedule will depend on many factors, including the amount of contaminated material to be excavated (compared to the amount expected based on testing) and of course, the weather. Regular updates will be provided on the web site and in subsequent newsletters.

<u>Activity</u>	<u>Start Date</u>	<u>Duration</u>	<u>Progress</u>
Winterization/ Winter Shut Down	12/18/08	3/16/09	
2009 CONSTRUCTION SEASON			
Season 2 Mobilization	3/16/09	2 weeks	completed
Resume Excavation, Confirmatory Sampling, and Backfilling	3/25/09	Approximately 4 months	
Solidification of Upper-Most Layer of Contaminated Material	7/1/09	Approximately 1.5 months	
Containment Area Capping and Site Restoration	8/17/09	Approximately 3 months	
Contractor Demobilization	11/6/09	Approximately 5 days	
Off-Site Verification Sampling (Post Construction)	12/1/09	Approximately 1 week	
Maintenance and Monitoring	November 2009 forward	Ongoing	

WORKING HOURS

The contractor will be working from approximately 6:30 AM to 4:30 PM Monday through Friday (with the possibility of working until 7 PM when needed) and on Saturday, from approximately 6:30 AM to 2:30 PM. These days and times are consistent with Throop Borough ordinances.

MEETINGS

Representatives from Advanced GeoServices Corp. attend the Throop Borough Council Work Sessions on a regular basis to provide updates to Council and the community. The next scheduled Throop Borough Council Work Session is on April 15, 2009.

We encourage everyone to log onto our web site at

www.marjolicleanup.com

for the most recent information regarding the Marjol site. *Provide us with your e-mail address and we will notify you whenever the web site is updated.* A weekly schedule as well as a list of completed activities is posted on the Marjol web site, www.marjolicleanup.com, on Friday afternoons. A photo gallery is also available on the web site. Perimeter, real-time, and co-located air data is provided and updated on the Marjol web site as it is available.

DUST CONTROL AND AIR MONITORING

Once again this year, during construction activities, and in particular during soil disturbance activities, we will continue to adhere to a "No Visible Dust" rule. During both working and non-working hours, we continuously run Real-Time (Dust) Air Monitors at the Site. Dust monitoring provides immediate information on the amount of dust (not just lead) being generated.

Co-located or PAM (Personal Air Monitoring) lead sampling - Gould will continue to do additional co-located or PAM lead dust sampling this season beyond that required by the 100% Design Plan. Gould will obtain lead samples daily during working and non-working hours. These samples are analyzed for lead whenever a new area of work is started, the dust monitors don't run for the full time period or the dust monitors show a reading above the action level. In addition, random samples are analyzed on a weekly basis. All PAM samples that aren't analyzed immediately are archived, so they will be available for later analysis if the need arises.

Additional high volume air sampling—On the weekends, Gould has also elected to run the perimeter high-volume samplers so that additional actual lead data will be available in the event that an exceedance of the action level occurs at one of the dust monitors.

Contacts

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Repository Location

Marjol Battery Site Repository

The repository is located at the Throop Borough Municipal Building, 436 Sanderson Street, Throop, PA and is open Monday through Friday 9 am to 4 pm.

Do you want to be added to our lists?

If you would like to be added to the Marjol Battery site newsletter mailing list or the website changes list, please contact Lisa Ayers via e-mail, telephone, or fax or you can submit your address information on our web site at <http://www.marjolcleanup.com>.

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