

August 15, 2008

92-002-230

Ms. Maureen Essenthier (3WC22)
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103

Mr. Ronald Brezinski
PA Department of Environmental Protection
Northeast Regional Office – 2 Public Square
Wilkes-Barre, PA 18711

RE: Quarterly Progress Report No. 8
Second Quarter 2008
Marjol Battery Site, Throop, Pennsylvania

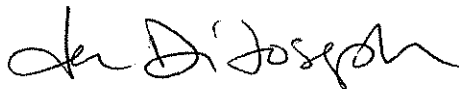
Dear Ms. Essenthier and Mr. Brezinski:

Enclosed please find Quarterly Progress Report No. 8 (Second Quarter 2008) for the Marjol Battery Site in Throop, Pennsylvania. This report is submitted as required by Section VI.L.3 of the Final Administrative Order on Consent which became effective on July 13, 2006.

If you have any questions, please contact Barbara Forslund at (610) 840-9145 or Jen DiJoseph at (610) 840-9189.

Sincerely,

ADVANCED GEOSERVICES



Jennifer W. DiJoseph, P.E.
AGC Project Manager



Barbara L. Forslund, P.E.
AGC Project Coordinator

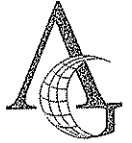
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Enclosures

cc: L. Ayers (2 copies)
L. Cimini
R. Moose
J. Cronmiller
R. DiPietro
A. Doubleday
L. Zelinka
Throop Borough Council



**MARJOL BATTERY SITE
QUARTERLY PROGRESS REPORT
NO. 8**



**MARJOL BATTERY SITE
QUARTERLY PROGRESS REPORT
NO. 8**

Prepared For:

**GOULD ELECTRONICS
Eastlake, Ohio**

Prepared By:

**ADVANCED GEOSERVICES
West Chester, Pennsylvania**

**August 15, 2008
92-002-230**

Gould Electronics Inc.
34929 Curtis Boulevard, Suite 100
Eastlake, Ohio 44095-4001
Telephone: 440-953-5000
FAX: 440-953-5050



CERTIFICATION STATEMENT

I certify that the information contained in or accompanying Quarterly Progress Report No. 8 dated August 15, 2008 for the Marjol Battery Site in Throop, Pennsylvania is true, accurate and complete.

As to those portions of Quarterly Progress Report No. 8 for which I cannot personally verify their accuracy, I certify under penalty of law that this and all attachments were prepared in accordance with procedures designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, or the immediate supervisor of such person(s), the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibilities of fines and imprisonment for knowing violations.

SIGNATURE:

Thomas N. Rich

NAME:

Thomas N. Rich

TITLE:

Chief Administrative Officer

DATE:

August 15, 2008

**QUARTERLY PROGRESS REPORT NO. 8
MARJOL BATTERY SITE**

DATE: August 15, 2008

92-002-230

REPORTING PERIOD: Second Quarter 2008 (April 1 to June 30)

This document was prepared to satisfy quarterly progress reporting requirements in the Final Administrative Order on Consent (AOC) U.S. EPA Docket No. RCRA-03-2006-0041 CA effective July 13, 2006 between the United States Environmental Protection Agency (USEPA), Pennsylvania Department of Environmental Protection (PADEP) and Gould Electronics Inc. (Gould).

ACTIONS DURING SECOND QUARTER 2008

PERMITTING AND DESIGN

The following activities were accomplished during Second Quarter 2008.

- On April 1, 2008, USEPA and PADEP comments on the March 10, 2008 response to comments on the Sampling and Analysis Plan were received.
- On April 9, 2008, draft Tabs 2 (Post-excavation Sampling for Lead) and 8 (Air Monitoring) of the Sampling and Analysis Plan (SAP) were submitted to USEPA and PADEP. USEPA and PADEP comments on Tab 2 were received on April 21, 2008.
- On April 11, 2008, the Final (100%) Design, excluding Tabs 2 and 8 of the SAP, was submitted to USEPA, PADEP, Gannett Fleming, US Army Corps of Engineers, and SCE Environmental Group (SCE).
- Responses to Lackawanna County Conservation District (LCCD) and PADEP comments on the Individual NPDES permit application were submitted on April 14, 2008.
- A public hearing on the Individual NPDES permit application was held by PADEP on April 16, 2008.
- On April 18, 2008, LCCD and PADEP were provided notice of the pre-construction meeting and the start of work activities.
- A pre-construction notice was conducted via phone on April 21, 2008 to Pennsylvania Fish & Boat Commission, as required by the Wetlands Waiver, and Throop Borough, as required by the Fence Permit.
- On April 24, 2008, the February 20, 2008 passive gas vent revision letter was re-submitted to PADEP via an electronic Request for Determination. The request was approved by PADEP on April 28, 2008; a permit is not required.
- A letter of compliance with Throop Borough ordinances was submitted by Throop Borough's Engineer to PADEP on April 29, 2008.

- On April 24, 2008, revised Tabs 5 (River Sediment, Basin Discharge Sampling) and 11 (QAPP) of the SAP were submitted to USEPA and PADEP.
- On May 1, 2008, a trailer permit was issued by Throop Borough.
- On May 2, 2008, LCCD issued a letter recommending that PADEP issue the Individual NPDES permit.
- In response to the Preliminary Land Development Plan, the Throop Borough Planning Agency voted on May 5, 2008 in favor that all requirements were satisfied and would forward such to Borough Council.
- The trust was established by Gould on May 7, 2008 in the amount of \$9 million.
- On May 9, 2008, USEPA and PADEP issued conditional approval of the Final (100%) Design.
- Individual NPDES permit (Permit No. PAI023508001) dated May 9, 2008 was received from PADEP on May 12, 2008.
- The Revised Final (100%) Design was submitted on May 12, 2008. Additional USEPA and PADEP comments and approval of the 100% Design were received on May 29, 2008. Replacement pages in response to these comments were submitted on June 3, 2008. USEPA and PADEP final approval were received in June 9, 2008.
- PDI sampling at NW-24 and 25 was conducted from May 14 to 16, 2008 and June 13 to 14, 2008, respectively. On June 24, 2008, Design Addendum No. 2 was issued to provide the results of the sampling and associated design revisions. Excavation is required at three of six sampled quadrants. Minor NPDES Permit Modification No. 2 regarding the expanded excavation was issued to LCCD on June 25, 2008.
- An NPDES co-permittee application to add SCE as a co-permittee was submitted to LCCD on May 20, 2008. The application was approved by LCCD on June 9, 2008.
- A fence permit addendum which added fence at the low area at the North Woods was submitted on May 21, 2008. The amended fence permit was received on May 27, 2008.
- On May 23, 2008, a minor NPDES permit modification was submitted to change super silt fence to silt socks. The minor modification was accepted by LCCD on May 27, 2008.
- On May 23, 2008, a Revised Cost Estimate reflecting costs incurred through April 25, 2008 and contractor construction costs was submitted. This cost estimate was approved by USEPA and PADEP on June 12, 2008.
- On May 27, 2008, USEPA and PADEP approved filing the final title notice in conjunction with the title notice for the Regulated Fill permit.
- On June 4, 2008, Design Addendum No. 1 was issued to provide an immediate real-time air monitoring action level for non-contaminated areas.
- On June 6, 2008, a change order was established to add temporary chain link perimeter fencing.
- On June 24, 2008, Throop Borough issued a Building Permit for the site. On June 27, 2008, Gould Electronics Inc. signed a Memorandum of Agreement with Throop Borough regarding approvals and permits.
- On June 26, 2008, Design Addendum No. 3 was issued regarding anti-seep collar locations.

Table 1 provides the status of permit applications. Table 2 provides a summary of design addenda and permit modifications.

CORRECTIVE MEASURES CONSTRUCTION

The following activities were accomplished during Second Quarter 2008:

- SCE was selected as the Contractor for the Corrective Measures Construction on April 2, 2008. SCE's qualifications were provided to USEPA and PADEP on April 3, 2008, and approval was received on April 15, 2008.
- Notice to proceed was provided to SCE on April 25, 2008.
- A pre-construction meeting was held on April 29, 2008 at the Community Relations Office, followed by a brief site walk. USEPA, PADEP, Gannett Fleming, Throop Borough, SCE, Gould and Advanced GeoServices attended the meeting.
- Construction activities began on May 12, 2008.
- Mobilization of equipment and personnel began on May 5, 2008 and is continuing.
- Photo-documentation and video of sanitary lines on Delaware Street was performed on May 9, 2008.
- Road plating and paving of Delaware Street was completed on May 21, 2008
- Surveying by CMX Engineering began on May 15, 2008 and is continuing.
- The existing decontamination pad upgrade was completed on May 20, 2008.
- Silt Sock installation along the western perimeter of the facility began on May 22, 2008 and was completed on May 29, 2008.
- Pre-Construction video documentation of the Facility was completed the week of May 19, 2008.
- A Rock Construction Entrance was installed on May 27, 2008.
- Installation of Monitoring Well MSB-8R began on May 28, 2008 and was completed on June 3, 2008.
- Utility abandonment was conducted at the Facility as work occurred, including removing the electric service and an abandoned fire hydrant and concrete valve box for the abandoned water line, and grouting pipe lines.
- Orange high visibility fence was installed on the western boundary of the limit of disturbance on May 28, 2008.
- Clearing of the Existing Sediment Basin began on May 28, 2008 and was completed on May 29, 2008.
- Chipping of the cleared material began on June 2, 2008 and is continuing.
- The chain-link fence adjacent to Sulphur Creek was removed on May 29, 2008.
- Grubbing and top soil removal in the Proposed Sediment Basin began on June 4, 2008 and was completed on June 11, 2008.
- Clearing of the on-site borrow area northeast of the proposed basin began on June 3, 2008, and was completed on June 6, 2008.
- Grubbing of on-site borrow area began on June 4, 2008 and was completed on June 12, 2008.
- Removal of the contents of the Drum Storage Area began on June 3, 2008 and concluded on June 4, 2008. Demolition of the Drum Storage Area began on June

5, 2008 and was completed on June 13, 2008. Demolition debris was stockpiled for later placement in the Containment Area or placed in a roll-off for later off-site recycling.

- Installation of a decontamination pad at the western limit of Excavation Area S was completed on June 9, 2008.
- Installation of a temporary diversion berm along the northern limit of Area S to prevent cross-contamination was completed on June 10, 2008.
- Excavation of the keyway trench in the Proposed Sediment Basin began on June 11, 2008 and was completed on June 16, 2008.
- Backfilling of the keyway trench in the proposed basin was completed on June 17, 2008.
- Construction of the Proposed Sediment Basin Berm began on June 17, 2008 using fill from basin grading and the on-site borrow area and is continuing.
- Clearing of the Containment Area began on June 9, 2008 and was completed on June 10, 2008.
- Topsoil removal southeast of the Containment Area in preparation for Containment Area Berm 2 construction began on June 18, 2008 and was completed on June 24, 2008.
- Temporary security fence installation began on June 20, 2008 and was completed on July 3, 2008.
- Well extensions were completed on June 17, 2008 for MSB-1, MSB-4, and MSB-6.
- Monitoring well, lysimeter and boring abandonment activities began on June 18, 2008 and were completed on July 14, 2008.
- Construction of Containment Area Berm 2 began on June 25, 2008 using material from the on-site borrow area and is continuing.
- Existing Sediment Basin dewatering in preparation for decommissioning began on June 25, 2008. The gate valve was maintained in a closed position this quarter.
- Construction of a screening area for on-site borrow material and screen set up was completed on June 26, 2008.
- Personnel air monitoring was conducted on May 30 and June 13, 2008. Results are provided in the June 5 and June 12, 2008 daily QC reports, respectively.
- No decon water sampling was conducted this quarter as all decon water was re-used for dust control in contaminated areas.

Items provided on the web portal including construction schedules, daily and weekly QC reports, meeting minutes, and approved submittals are provided on the enclosed CD.

QUALITY ASSURANCE

The following activities were accomplished during Second Quarter 2008:

- USEPA and PADEP approved Mr. Chris Reitman as the QA Official on April 7, 2008.
- Off-Site Verification sampling began on May 5, 2008 and was completed on May 8, 2008.

- Photo-documentation video of Delaware Street was performed on May 13, 2008.
- Photo-documentation of existing Site conditions was conducted on May 20, 2008.
- Photo-documentation of construction activities is ongoing.
- Daily Erosion and Sediment Control Inspections began on May 30, 2008 and are continuing.
- Flagging of protected trees began on June 9, 2008 and was completed on June 25, 2008.

Items provided on the web portal including daily QA reports and photographs are provided on the attached CD.

MONITORING

The following activities were accomplished during Second Quarter 2008:

- Off-site Verification Sampling for the pre-construction baseline event was conducted from May 5 to 7, 2008. A summary of sampling procedures and sample locations and results is provided on the enclosed CD. Twenty samples were collected at each of 5 locations. From each location, ten samples were analyzed for total lead, and ten samples were archived. Results ranged from 11.5 mg/kg to 658 mg/kg with one of 100 samples being greater than 500 mg/kg. No conclusions regarding whether the remedial activities caused off-site soil lead contamination can be made at this time as the second sampling event at or near the completion of excavation has not yet been conducted.
- Pre-construction baseline groundwater monitoring was conducted at MSB-1, MSB-3, MSB-4, MSB-6 and MSB-8R from June 16 to 18, 2008. Samples were collected at the center of the water column when depth to bottom was less than the targeted sample depth. Results have not yet been received.
- Weekly air monitoring continued at the Site, and the results show that the Site is not contributing to air lead. PADEP continues to periodically split samples with Advanced GeoServices at high volume sampler locations #1 and #4. The First Quarter and Second Quarter 2008 Ambient Air Monitoring Reports are provided on the enclosed CD. PADEP air monitoring results for First Quarter 2008 are also provided on the enclosed CD.
- HV-3 was relocated to the proposed location at the Delaware Street entrance on June 12, 2008 by SCE.
- Real-time TSP monitoring began on May 12, 2008 and is continuing. Real-time air monitoring was conducted at two to five locations per day depending on site activities. One instantaneous reading on June 11, 2008 and two instantaneous readings on June 16, 2008 were greater than the action level; however, no ½-hour averages exceeded the action level. No work was being performed in the area of the monitors. Readings immediately fell below the action level. No dust was visible during the readings and no additional dust control action was conducted.

It was observed that the first reading recorded by site personnel at monitor start-up typically exceeded the performance standard. These readings are likely due to issues inherent to the monitor and weather conditions, and not actual dust conditions. A summary of real-time air monitoring locations and periods is provided on the enclosed CD.

- First Quarter 2008 surface water and sediment sample results were received that show that the Site is not releasing lead to the River via stormwater discharges despite increased turbidity from muskrat activity in the basin. The First Quarter 2008 Stormwater Management Basin Performance Monitoring Report is provided on the enclosed CD.
- On April 15, 2008, Advanced GeoServices personnel collected Second Quarter 2008 sediment samples as part of the Stormwater Management Basin Monitoring Program. In addition to the samples that have been routinely collected, a composite sample was collected in accordance with the procedures in the revised draft Sampling and Analysis Plan. The preliminary sample result was 26 mg/kg total lead, less than the calculated 95th upper confidence limit of the mean (52 mg/kg) for historic sample results at the mouth of Sulphur Creek.
- On April 3, 2008, Advanced GeoServices personnel collected Second Quarter 2008 surface water samples as part of the Stormwater Management Basin Monitoring Plan.
- On April 3, 2008, a new weather station was installed on the utility pole next to the guard trailer.

SITE MAINTENANCE

The following activities were accomplished during Second Quarter 2008:

- The April 2008 Monthly Site Visit was performed on April 28, 2008 and the report is provided on the enclosed CD. The site visits show that the site conditions continue to be stable. Advanced GeoServices personnel observed that one muskrat den continues to be present in the basin and the discharge pipe gate valve is secure. This is the final monthly report for the site as construction activities began May 12, 2008.
- The high hazard stockpile cover is stable and secure. There is one small tear on the outer edge of the jersey barrier surrounding the pile that will be repaired if it opens up to the surface of the stockpile prior to removal of the cover during construction.
- There were signs of all-terrain vehicles traversing the path along the outside of the perimeter chain-link fence during the month of April 2008.

- Precipitation for April, May and June 2008 was 2.84”, 4.58”, 4.82”, respectively in the form of rain. No rain event was greater than the 10-year storm (3.68 inches).
- Securitas Security (f/k/a Burns Security) continued to patrol the perimeter fence on a regular basis.
- TEEM Environmental was on-site during April, May and June 2008 to perform the following site maintenance activities.
 - Removal of a tree leaning over inner perimeter fence near mine fissure area.
 - Assist with installation of remote weather station.
 - Pump out water from Woodlawn Street vault.
 - Turn on water, install hose and replace GFCI receptacle at decontamination pad.
 - Repair decontamination pad sump pump.
 - Cut/trim grass at residential areas adjacent to Site and slope near main entrance.
 - Replace door and repair door frame at security guard trailer.

COMMUNITY RELATIONS

The following activities were accomplished during Second Quarter 2008:

1. On April 2, April 14, and April 25, 2008, Gould’s web site, <http://www.marjolcleanup.com>, for the Marjol Battery Site was updated. A notification was sent to those individuals who signed up for web-site update notices.
2. On April 3, 2008, USEPA/PADEP sent a memo to Thomas Lukasewicz, Throop Borough Council President, responding to issues raised by Throop Borough Council members during the March 11, 2008 council work session. Issues such as Procedures to Handle Unexpected Waste Material, EPA/PADEP Construction Oversight, and Decontamination of Vehicles were addressed.
3. On April 4, 2008, Gould Electronics obtained consent from the owner of the property at the corner of Delaware and Franko Streets in Throop to do off-site verification sampling at the property.
4. On April 8, 2008, representatives from Gould and Advanced GeoServices attended USEPA/PADEP’s Informational Open House regarding the Marjol Battery Site. The Open House was held at the Throop Borough Municipal Building.
5. On April 8, 2008, representatives from USEPA, PADEP, Gould and Advanced GeoServices Corp. attended Throop Borough Council’s Public Work Session to address Council regarding the upcoming construction activities. (See notes on the enclosed CD.)

6. Lisa Ayers attended Throop Borough Council's Mid-Month Meeting on April 8, 2008. (See notes on the enclosed CD.)
7. On April 8, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Throop Borough Council President, Thomas Lukasewicz, providing a summary of outstanding issues related to the start of construction.
8. On April 11, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. contacted Mr. Mark Mazak, Mid-Valley School District Transportation Coordinator, regarding bus stops in the vicinity of the Marjol Battery Site. Mr. Mazak reported that the closest bus stops to the Site are at the corner of George Street and Adams Court and at the corner of Cypress and Murray Streets. He said there is no longer a bus stop at the corner of Delaware and George Streets.
9. On April 16, 2008, representatives from Advanced GeoServices Corp. on behalf of Gould Electronics Inc. met with Thomas Lukasewicz, Throop Borough Council President, regarding the Borough's review of the Preliminary Land Development Plan.
10. On April 16, 2008, as requested, Advanced Geo Services Corp., on behalf of Gould Electronics Inc., provided Throop Borough Council President, Thomas Lukasewicz, with a summary of communications with the Borough's Engineer, Robert Nitch of Peter's Design Group regarding the Marjol Battery Site.
11. On April 16, 2008, USEPA/PADEP sent a memo to Thomas Lukasewicz, Throop Borough Council President, responding to issues raised by Throop Borough Council members during the April 8, 2008 council Work Session; issues such as Storm Water Sampling and Discharge and Construction Oversight were addressed in the memo.
12. On April 16, 2008, representatives from Advanced GeoServices, on behalf of Gould Electronics, attended PADEP's Public Hearing for the NPDES Permit Application. (See Notes on the enclosed CD.)
13. On April 18, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Throop Borough Council President, Thomas Lukasewicz, providing a summary of training requirements for anyone wishing to work at the Marjol Battery Site during construction of the Final Remedy.
14. On April 18, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Throop Borough Council President, Thomas Lukasewicz, responding to Throop Borough Council's concern about school bus stops along the construction transportation routes.
15. On April 22, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Throop Borough Council President, Thomas Lukasewicz, informing him of the Pre-Construction meeting scheduled for April 29, 2008 and inviting the Borough to send its inspectors to the meeting.

16. On April 24, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Robert Nitch, Throop Borough Engineer addressing two issues he had raised in his review of the design for the Corrective Measures at the Marjol Battery Site.
17. On April 28, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent flyers to residents living near the Marjol Battery Site and to Throop Borough's Emergency Responders inviting them to attend meetings the week of May 5, 2008, to discuss the upcoming construction activities at the Site.
18. Lisa Ayers attended the regularly scheduled Throop Borough Council Monthly Meeting on April 29, 2008. (See notes on the enclosed CD.)
19. On April 30, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. received a letter from Dave Morrell, Throop Borough Zoning Officer, regarding trailers at the Marjol Battery Site.
20. On May 5 and 6, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. contacted residents living in the near vicinity of the Marjol Battery Site to notify them that the off-site verification sampling would be taking place that week and to remind them about the meetings for the residents scheduled that week to discuss the upcoming construction activities.
21. On May 5, 2008, representatives from Advanced GeoServices Corp. on behalf of Gould Electronics Inc. attended the Throop Borough Planning Agency Meeting. (See notes on the enclosed CD.)
22. On May 6, 2008, representatives from Advanced GeoServices Corp. on behalf of Gould Electronics Inc. held a meeting for residents who live on Martarano Drive to discuss the upcoming construction activities.
23. On May 7, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a flyer to everyone on the Marjol Battery Site mailing list. The flyer provided information on the start of construction activities, what could be expected in the first few weeks of construction, and how off-site contamination will be prevented during construction activities.
24. On May 7, 2008, a meeting was held for Throop Borough's Emergency Responders to discuss the upcoming construction activities and emergency response procedures for the Marjol Battery Site. Representatives from Advanced GeoServices Corp., SCE Environmental Group, Throop Borough Council, Throop Borough Hose Co. #1, #2, and #3, Dickson City Ambulance Association, and the Throop Police Chief attended the meeting.
25. On May 7 and 8, 2008, representatives from Advanced GeoServices held meetings for residents living near the Marjol Battery Site regarding the upcoming construction activities. Residents living on Hill, Delaware, Franko, Woodlawn, and Sanderson Streets were invited to attend these meetings. Topics discussed included an Overview of General Construction Information and Monitoring to Prevent Off-Site Contamination.

26. On May 9, 2008, construction schedules were posted on Gould's web site, <http://www.marjolcleanup.com>, for the Marjol Battery Site. The construction schedules provide a summary of the activities that have been completed and the activities scheduled for the upcoming week; the schedules are updated on Friday of each week. The construction schedules as well as other items were updated on the Marjol web site on May 16, 23, and 30, 2008. A notification was sent to those individuals who signed up for web-site update notices after each update.
27. On May 9, 2008, Advanced GeoServices Corp., on behalf of Gould Electronics Inc. sent a memorandum to representatives of the press/media regarding the start of construction, information being posted on the web site, and contact information.
28. On May 12 and 13, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. contacted approximately 60 residents living in the vicinity of the Marjol Battery Site to notify them of the start of construction activities.
29. On May 13, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Thomas Lukasewicz, Throop Borough Council President, requesting that action be taken by Council on the recommendation of the Throop Borough Planning Agency to approve the Land Development Plan for implementation of the Final Remedy at the Marjol Battery Site.
30. On May 13, 2008, representatives from Advanced GeoServices Corp. on behalf of Gould Electronics Inc. attended Throop Borough Council's Public Work Session to address Council regarding construction activities at the Marjol Battery Site. (See notes on the enclosed CD.)
31. On May 13, 2008, representatives from Advanced GeoServices Corp. on behalf of Gould Electronics Inc. attended Throop Borough Council's Mid-Month Meeting. At this meeting, Council voted to approve the Land Development Plan for implementation of the Final Remedy at the Marjol Battery Site. (See notes on the enclosed CD.)
32. On May 20, 2008, a Zoning Hearing was held for a Special Exception request by Advanced GeoServices for the property at 452 Delaware Street; a variance was requested for a Community Relations Office in an R-2 Zone. The Zoning Hearing was also for a Special Exception Request by SCE Environmental Group for temporary trailers at the Marjol Battery Site. Representatives from Advanced GeoServices Corp. and SCE Environmental Group attended the hearing.
33. On May 20, 2008, Advanced Geo Services Corp. representatives on behalf of Gould Electronics Inc. provided a tour of the Marjol Battery Site for Throop Borough's emergency responders. Additional tours will be conducted as needed.
34. On May 23, 2008, air data from the real-time dust air monitors being used at the Marjol Battery Site was first posted on Gould's web site, <http://www.marjolcleanup.com>, for the Marjol Battery Site. A notification was sent to those individuals who signed up for web-site update notices after each update.

35. On May 27, 2008, a letter was received by Advanced GeoServices Corp. from the Throop Borough Zoning Solicitor stating that its request for a Special Exception and Use Variance for a Community Relations Office at 452 Delaware Street and that SCE Environmental Group's Special Exception request for temporary trailers at the Marjol Battery Site had been granted.
36. On May 27, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Thomas Lukasewicz, Throop Borough Council President, regarding new access procedures at the Marjol Battery Site due to the start of construction activities.
37. Lisa Ayers attended the regularly scheduled Throop Borough Council Monthly Meeting on May 27, 2008. (See notes on the enclosed CD.)
38. On May 27 and 28, 2008, Gould's web site, <http://www.marjolcleanup.com>, for the Marjol Battery Site was updated. A notification was sent to those individuals who signed up for web-site update notices.
39. On May 29, 2008, Throop Borough representatives were provided access information for the Marjol Battery Site web portal.
40. Throop Borough delivered its trailer to the Marjol Battery Site on June 5, 2008.
41. On June 6, 13, 20, and 27, 2008, the construction schedules as well as other items were updated on Gould's web site, <http://www.marjolcleanup.com>, for the Marjol Battery Site. Other updates including air monitor data updates were made to the web site on June 4, 11, 12, 19, 23, 24, and 30, 2008. A notification was sent to those individuals who signed up for web-site update notices.
42. On June 9, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Robert Kalinoski, Throop Borough Street Commissioner, responding to his request regarding access to the sewer line covered by protective plates along Delaware Street.
43. On June 10, 2008, representatives from Advanced GeoServices Corp. on behalf of Gould Electronics Inc. attended Throop Borough Council's Public Work Session to address Council regarding construction activities at the Marjol Battery Site. (See notes on the enclosed CD.)
44. On June 10, 2008, representatives from Advanced GeoServices Corp. on behalf of Gould Electronics Inc. attended Throop Borough Council's Mid-Month Meeting. (See notes on the enclosed CD.)
45. On June 10, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Thomas Lukasewicz, Throop Borough Council President, regarding access requirements for Throop Borough's compliance liaison and to discuss sampling procedures at the Marjol Battery Site.

46. On June 10, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Thomas Lukasewicz, Throop Borough Council President, regarding electrical service to Throop Borough's trailer at the Marjol Battery Site.
47. On June 12 a new Photogallery section was added to Gould's web site, <http://www.marjolcleanup.com>, for the Marjol Battery Site. A notification was sent to those individuals who signed up for web-site update notices.
48. On June 18, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. sent a letter to Thomas Lukasewicz, Throop Borough Council President, regarding an end of work gate check being performed daily at the Marjol Battery Site as requested by Throop Borough.
49. On June 18, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. contacted Thomas Lukasewicz, Throop Borough Council President, regarding results for the real-time air dust monitors.
50. On June 19, 2008, Advanced GeoServices Corp. on behalf of Gould Electronics Inc. provided a tour of the Marjol Battery Site for Thomas Lukasewicz, Throop Borough Council President.
51. Lisa Ayers attended the regularly scheduled Throop Borough Council Monthly Meeting on June 24, 2008. (See notes on the enclosed CD.)
52. On June 25, 2008, letters regarding the annual Blood Lead Screening Program were sent to the homes where Gould conducted excavations. The letters asked the residents to send back a return form indicating whether or not they are interested in having blood lead screening done in their homes as part of the annual blood lead screening program.

SCHEDULE AND PERCENT COMPLETE

The attached CMI Schedule (Table 3) has been updated with actual dates on which the tasks were accomplished and corresponding revisions to the projected completion dates. Based on the Revised Cost Estimate through June 30, 2008, the CMI is approximately 13% complete.

PROBLEMS ENCOUNTERED

No significant problems were encountered this quarter.

PERSONNEL CHANGES

No personnel changes occurred during Second Quarter 2008.

ACTIONS PLANNED FOR THIRD QUARTER 2008

PERMITTING AND DESIGN

The following activities are planned for Third Quarter 2008:

- Complete funding of the trust following USEPA and PADEP approval of the cost estimate.
- Submit a Revised Cost Estimate through June 30, 2008.
- Submit the title notice related to the Final Title Notice and the Regulated Fill Permit.
- Submit the Regulated Fill permit.
- Obtain LCCD acceptance of Minor NPDES Permit Modification No. 2 regarding expansion of excavation area.

CORRECTIVE MEASURES CONSTRUCTION

The following activities are planned for Third Quarter 2008:

- Complete the Proposed Sediment Basin including principal spillway structures.
- Relocate HV-1.
- Complete Containment Area Berm 2.
- Complete utility abandonment, including inactive manhole and pipe grouting.
- Remove valve and riser from Existing Sediment Basin.
- Grout existing discharge pipe.
- Excavate Area S and place in the Containment Area.
- Complete clearing and grubbing.
- Construct East and West Diversion Berms, 3E and 3W.
- Install haul roads.
- Remove the High-Haz stockpile and place in the Containment Area.
- Excavate and Backfill Area G within the Containment Area footprint. Place excavated material in the Containment Area.
- Remove the Low-Haz stockpile and place in the Containment Area.
- Construct North and South temporary swales.
- Construct the North Woods Diversion Berm.
- Excavate and restore the North Woods. Place excavated material in the Containment Area.
- Excavate Areas T, U and M and place in the Containment Area. Restore excavations.
- Excavate and restore access at Delaware Street.
- Construct alternate Support Zone.
- Construct East Diversion Berm 11.
- Excavate Areas L, I, J and K and place in the Containment Area. Restore excavations.

QUALITY ASSURANCE

The following activities are planned for Third Quarter 2008:

- Continue observation of construction activities and photo-documentation.
- Continue Daily Erosion and Sediment Control Inspections.

MONITORING

The following activities are planned for Third Quarter 2008:

- Continue weekly perimeter air monitoring program in accordance with the Sampling and Analysis Plan.
- Continue real-time air monitoring in accordance with the Sampling and Analysis Plan.
- Perform Third Quarter 2008 river sediment monitoring in accordance with the Sampling and Analysis Plan.
- Begin daily basin discharge monitoring and monthly sampling and lead analysis in accordance with the Sampling and Analysis Plan.
- Submit results for the Third Quarter 2008 Ambient Air Monitoring Report with Quarterly Progress Report No. 9.
- Submit results for the Second Quarter 2008 Stormwater Management Basin Performance Monitoring sampling for surface water and sediment with Quarterly Progress Report No. 9
- Submit the Groundwater Monitoring report for pre-construction baseline with Quarterly Progress Report No. 9.

SITE MAINTENANCE

The following activities are planned for Third Quarter 2008:

- Continue off-site maintenance activities such as mowing.

COMMUNITY RELATIONS

The following activities are planned for Third Quarter 2008:

- **July 2, 2008** - Contact residents in the near vicinity of the Marjol Battery Site to notify them that SCE Environmental Group is going to do a Site evacuation drill on July 3, 2008.
- **July 3, 2008** - Post flyers regarding SCE Environmental Group's Site evacuation drill on the doors of residents living closest to the Site.
- **July 3, 2008** - Send out Marjol Battery Site Newsletter Number 89 providing an update on construction activities.

- **July 4, 11, 18, and 25, 2008** - Update Gould's web site for the Marjol Battery Site with the weekly schedule updates.
- **July 7, 2008** - Send out a flyer requesting that residents stay away from the North Woods perimeter fence area especially during construction activities.
- **July 8, 2008** - Follow-up letters for the Annual Blood Lead Screening Program will be sent to the residents who did not respond to the initial June 25th letter regarding in- home blood lead screening.
- **July 8, 2008** - Attend Throop Borough Council's Mid -Month Meeting.
- **July 8 & 14, 2008** - Flyers will be sent to those on the mailing list reminding everyone of the Annual Blood Lead Screening Program.
- **July 9, 2008** - Letters will be sent to local churches, PTA's, and Day Care facilities regarding the Annual Blood Lead Screening Program.
- **July 9, 2008** - Letters will be sent to the Throop Borough Emergency Responders inviting them to participate in the annual blood lead screening program as part of the medical surveillance program that began in October 1999.
- **July 14, 2008** - Door-to-Door Part of the Annual Blood Lead Screening Program.
- **July 16/19, 2008** - Blood Lead Screening in the Throop Borough Civic Center.
- **July 29, 2008** - Attend Throop Borough's Work Session preceding the Regularly Scheduled Throop Borough Council Meeting to provide an update to Throop Borough Council.
- **July 29, 2008** - Attend Regularly Scheduled Throop Borough Council Meeting.
- **August 1, 8, 15, 22, and 29, 2008** - Update Gould's web site for the Marjol Battery Site with the weekly schedule updates.
- **August 12, 2008** -Attend Throop Borough Council Mid-Month Meeting.
- **August 26, 2008** - Attend Throop Borough's Work Session to provide an update and attend the Regularly Scheduled Throop Borough Council Meeting.
- **September 5, 12, 19, and 26, 2008** - Update Gould's web site for the Marjol Battery Site with the weekly schedule updates.
- **September 5, 2008** - Send out Marjol Battery Site Newsletter Number 90 providing an update on construction activities.



- **September 9, 2008** - Attend Throop Borough's Work Session preceding the Throop Borough Council Mid-Month Meeting to provide an update to Throop Borough Council.
- **September 9, 2008** - Attend Throop Borough Council Mid-Month Meeting.
- **September 30, 2008** - Attend Regularly Scheduled Throop Borough Council Meeting.

ANTICIPATED PROBLEMS

No problems are anticipated.

Barbara L. Forslund, P.E.
AGC Project Coordinator

cc: Lisa Ayers, AGC
James Cronmiller, Gould
Leonard Zelinka, PADEP
Adam Doubleday, AGC
Roger Moose, GF

Throop Borough Council
Louis Cimini, Throop Borough Solicitor
Ron Brezinski, PADEP
Repository (c/o Lisa Ayers)
Rocco DiPietro, Cocciardi

TABLE 1
Marjol Corrective Measures Implementation
Permitting Timeline

Permit Name	Earliest Design Stage When Submitted	Entity Applying for the Permit	Permitting Agency	Time for Processing and Review ¹	Permit Expiration	Pre-Construction Notification	Completion Activities	Date Submitted	Date Approved
Individual NPDES Permit (PAI023508001)	At completion of 90% Design	AGC	LCCD	30 days General; 120 days Individual	5/8/2013; Renewal due 180 days prior to expiration.	30-day public comment period published 3/8/2008. Public hearing held 4/16/2008. LCCD was notified of the pre-construction meeting on 4/18/08.	Submit Notice of Termination within 7 working days after final stabilization is achieved.	12/26/2007 General; 1/31/2008 Individual	2/14/2008 Administratively complete; permit issued 5/9/2008
Wetlands Waiver	At completion of 30% Design	AGC	PADEP	130 days	No expiration.	PA Fish & Wildlife notified 4/21/2008	None required.	8/3/2007	9/4/2007
Air Permit Request for Determination - Solidification	At completion of 30% Design	AGC	PADEP	30 days	No expiration.	Notify 2 weeks prior to start of solidification	None required.	8/17/2007, Revision submitted 9/13/2007	10/22/2007
Air Permit Request for Determination - Passive Gas Vent	At completion of 90% Design	AGC	PADEP	30 days	No expiration.	None required.	None required.	11/13/2007; 2/20/2008 revisions; 4/24/2008 electronic submission of 2/20/2008 revision	12/18/2007; revision approved 4/28/2008
Regulated Fill General Permi	After approval of other permits	AGC	PADEP	Approx. 60 days	Begin work within 1 year.	None required.	Submit proof of recorded deed notice to PADEP.		
Fence Permit (08-1001)	At completion of 90% Design	AGC	Throop Borough	Approx. 60 days	1 year from issue unless work has begun. Work must be complete in 2 years from issue. Renewal due 60 days prior to expiration.	Zoning Officer notified 4/21/2008.	Zoning Officer inspection.	12/14/2007; amended 5/21/2008	1/24/2008; 5/27/2008
Preliminary Land Development Plan	At completion of 90% Design	AGC	Throop Borough	Approx. 100 days	3 years from issue. 1 year extension request due 90 days prior to expiration.	None required.	None required.	12/5/07 (Borough); 12/10/07 (LCRPC)	12/10/07 (LCRPC, no review); Planning Commission approval 5/5/2008
Stormwater Management Plan	At completion of 90% Design	AGC	Throop Borough	Approx. 150 days	No expiration.	None required.	Provide notification to Borough Engineer when complete. Inspection by Borough Engineer.	12/5/07 (Borough); 12/10/07 (LCRPC)	12/10/07 (LCRPC, no review); R. Nitch letter received 4/25/2008; Planning Commission approval 5/5/2008
Building Permit (if applicable)	At completion of 90% Design	AGC	Throop Borough	To be determined	Begin work within 6 months of issue. Expires 12 months from issue.	None required.	None required.	n/a	6/24/2008
Trailer Occupancy (Special Exemption Use)	After contractor selection	Contractor	Throop Borough	Approx. 60 days	2 years from issue.	Notify Zoning Officer prior to use.	None required.	Discussed at preconstruction meeting 4/29/2008	5/1/2008

NOTE:

1. Review time begins when application is administratively complete.
2. Because of the extensive clearing and grading activities, the Preliminary Land Development Plan will be submitted to Throop Borough which requires a review by the Planning Commission and Engineer. Gould will work with the Borough to mitigate the impact on the schedule.

TABLE 2
 DESIGN ADDENDUM SUMMARY
 Marjol Battery Site

Addendum No.	Description	Submission Date	USEPA/PADEP Approval Date	Applicable Permit Revision (if any)					Change Order		
				Permit	Submission Date	Description	Receiving Party	Approval Date	No.	Submission Date	Approval Date
n/a	Change super silt fence to 24 inch silt soxx	5/23/2008	n/a	NPDES	5/23/2008	Minor Modification	LCCD	5/27/2008	n/a	5/23/2008	5/23/2008
n/a	Add permanent fence at low area at North Woods	5/21/2008	n/a	Fence	5/21/2008	Permit Addendum	Throop Borough	5/27/2008	n/a		
1	Immediate Action Level for real-time monitoring an non-contaminated areas	6/4/2008	6/9/2008	n/a	n/a	n/a	n/a	n/a	n/a		
n/a	Install temporary 6 ft chain link fence at south and west facility boundary	6/6/2008	n/a	n/a	n/a	n/a	n/a	n/a	1	6/17/2008	6/23/2008
2	Excavation at NW-24 and NW-25	6/24/2008		NPDES	6/25/2008	Minor Modification No. 2	LCCD				
3	Anti-seep collar location	6/25/2008	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a



ATTACHMENTS PROVIDED ON CD

First Quarter 2008 Ambient Air Monitoring Report
PADEP First Quarter 2008 Air Monitoring Results
Second Quarter 2008 Ambient Air Monitoring Report
First Quarter 2008 Stormwater Management Basin Performance Monitoring
April 2008 Monthly Report
Throop Borough Council Meeting Minutes
Off-Site Verification Sampling
Construction Documents
 Approved Submittals
 Construction Schedules
 Daily QA Reports
 Daily QC Reports
 Meeting Minutes
 Monitoring Results
 Photographs
 Weekly QC Reports