Stuart Park Complex – Ultralife Battery

VILLAGE OF NEWARK, WAYNE COUNTY, NEW YORK

Final Engineering Report

NYSDEC Site Number: V00178-8

Prepared for:

Ultralife Corporation
2000 Technology Parkway
Newark, New York

Prepared by:

LaBella Associates, P.C.
300 State Street, Suite 201
Rochester, New York
(585)454-6110

JUNE 2011

CERTIFICATIONS

"I DANIEL NOLL certify that I am currently a NYS registered professional engineer, I had primary direct responsibility for the implementation of the subject construction program, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the DER-approved Remedial Action Work Plan.

"The data submitted to DER demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in the work plan.

"All use restrictions, institutional controls, engineering controls and/or any operation and maintenance requirements applicable to the site are contained in a declaration of covenants and restrictions created and filed with the clerk of the County in which the site is located.

"A Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of any engineering controls employed at the site including the proper maintenance of any remaining monitoring wells, and that such plan has been approved by DER."

081996	6/20/2011	D P Noll
NYS Professional Engineer #	Date	Signature

STATE OF NEW YORK
DANIEL P. NOLL
No. 081996
LICENSED PROFESSIONAL ENGINEER

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FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

Ultralife Corporation entered into a Voluntary Cleanup Agreement (VCA) with the New York State Department of Environmental Conservation (NYSDEC) on January 8, 2001 to investigate and remediate an approximately 14-acre portion of a larger approximately 67-acre property located in the Village of Newark, New York (hereinafter "VCA Site"). The VCA Site has been remediated to enable the VCA Site to be used for commercial or industrial uses, and will continue to be used by Ultralife Corporation as a manufacturing Site.

The VCA Site is located at 2000 Technology Parkway (formerly 1350 Route 88 South) in the County of Wayne, New York and was identified as Newark Tax Map # 36110-14-423352.3 in the VCA. The Tax ID number changed when the Site address name changed in approximately 2008, and is now Tax ID Map 14 Parcel 499340. The 14.41-acre VCA Site is situated on an approximately 67-acre parcel (66.37-acres according to the survey) bounded by vacant land to the north, vacant land and Silver Hill Road to the south, vacant land to the east, and South Main Street to the west (see Figure 1). The original VCP site was 14.24 acres but as part of the remedy implemented at the site the VCP boundaries were expanded to include off-site acreage remediated which increases the VCP site acreage to 14.41 acres. The boundaries of the VCA Site are identified in the ALTA Survey included in Appendix A.

As discussed with the NYSDEC, the VCA Site boundary has been redefined based on the extent of the remedial work performed. A new ALTA survey of the VCA Site boundary was completed subsequent to the remedial work, and is included in Appendix A.

An electronic copy of this FER with all supporting documentation is included as Appendix B.

2.0 SUMMARY OF THE FINAL SITE REMEDY

The final VCA Site remedy consisted of the excavation, transport and disposal of sediments from two drainage ditches impacted with Semi-Volatile Organic Compounds (SVOCs) and heavy metals. Details on the final remedy are further described in this Final Engineering Report (FER).

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation and remedial actions performed to date, the following Remedial Action Objectives (RAOs) were identified for the final remedy at the Site.

2.1.1 Sediment RAOs

The RAOs for sediment used during the remedial action were:

- NYSDEC Technical Guidance for Screening Contaminated Sediments (latest revision January 25, 1999).

2.2 DESCRIPTION OF THE FINAL SELECTED REMEDY

The site was remediated in accordance with the remedy approved by the NYSDEC in the RAWP dated January 2010. The RAWP was conditionally approved on March 31, 2010 prior to remedial action implementation. The RASR was approved by the NYSDEC prior to remedial action implementation.

The factors considered during the selection of the final remedy to close out remediation of the VCA Site are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. Excavation of sediment impacts above SCOs as recommended and approved in the Remedial Investigation (RI) Report. The impacts were removed from the discharge points of the two (2) outfalls to approximately 200 feet downgradient for Outfall #1 and 110 feet downgradient for Outfall #2.

2. Backfill and restoration of areas disturbed during the remedial action to original condition.

3. Expanding the VCA Site Boundary to include the off-site removal areas.
4. Surveying the new VCA Site Boundary.
5. Execution and recording of Deed Restriction to restrict land use and prevent future exposure to any contamination remaining at the VCA Site.
6. Implementation of a Site Management Plan (SMP) for long term management of remaining contamination as required by the Deed Restriction, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, and (3) reporting;
7. Periodic certification of the institutional and engineering controls listed above.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

A former underground wastewater storage vault (crock) was located adjacent to Building 4000 and historically accepted drainage from hazardous material operations. Impacted soil and groundwater were identified in this area by Lu Engineers in October 2001. In October of 2003, prior to the removal of the crock, Marcor Remediation, Inc. ("Marcor") sampled six (6) groundwater monitoring wells and in December of 2003 Marcor sampled a seventh well onsite. Additionally Marcor completed four (4) soil borings (SB-01 through SB-04) in November of 2003. Subsequently Marcor removed four (4) 55-gallon drums of wastewater from the crock in November, 2003 and returned in December 2003 to remove the crock. A soil remediation was conducted by Marcor. following the removal of the crock which included removal and disposal of approximately 35 cubic yards of impacted soil and 550 gallons of impacted groundwater. The resulting excavation was six (6) feet wide, twenty (20) feet long, and ten (10) feet deep. Confirmatory soil samples indicated that the crock removal and subsequent source area soil and groundwater removal in that area achieved Part 375-6 commercial and industrial reuse objectives for soil. Sediments from the northern outfall were also sampled. The sediment samples analytical results were compared to the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 Recommended Soil Cleanup Objectives (RSCOs). The sediment samples were reported to contain several SVOCs at concentrations that exceeded the RSCOs. Subsequent groundwater monitoring indicated that metals of concern in groundwater generally achieved the Part 703 Groundwater Standards, with the exception of arsenic. Specifically, the last sampling completed in 2007 indicated one monitoring well (MW-05) with arsenic above the Part 703 Groundwater Standards. Additional monitoring is included as part of the Site Management Plan; however, a deed restriction is in-place which precludes the use of groundwater at the Site unless subsequent sampling indicates concentrations of metals have decreased to below Part 703 Groundwater Standards (and NYSDEC approves removal of this restriction).

4.0 DESCRIPTION OF FINAL REMEDIAL ACTIONS PERFORMED

Final remedial activities completed at the Site were conducted in July and August 2010 in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) for the VCA Site (dated January 2010, conditionally approved on March 31, 2010). The two (2) deviations from the RAWP are noted below in Section 4.10 and were approved by the NYSDEC.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

All final remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The Health and Safety Plan (HASP) was complied with for all final remedial and invasive work performed at the Site.

4.1.2 Community Air Monitoring Plan (CAMP)

Real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels was conducted at the perimeter of the work area. Continuous monitoring was conducted during ground intrusive activities, and periodic monitoring was conducted during non-intrusive activities using a Minirae Lite Photoionization Detector (VOCs) and a TSI 8520 Dust Trak (particulates). VOCs and particulate concentrations were monitored at the downwind perimeter of the immediate work area and upwind periodically to establish baseline levels of VOCs and particulates. An action level of 5 parts per million above background for a 15-minute average was used for VOCs, at which point work would be halted until ambient air conditions returned to background levels. An action level of 100 micrograms per cubic meter greater than background was used for particulate monitoring, at which point dust suppression techniques would be employed. If airborne dust was observed leaving the work area, dust suppression techniques would also be implemented.

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

- TREC Environmental Inc. (TREC): performed excavation and backfilling/restoration activities.
- Paradigm Environmental Services, Inc.: performed laboratory analysis on sediment and wastewater characterization samples.
- Silvarole Trucking: transported excavated sediment to High Acres Landfill in Fairport, New York.
- LaBella Associates, P.C. (Dan Noll, P.E.): provided oversight of remedial activities to ensure compliance with the NYSDEC-approved RAWP.
- Mitkem Laboratories, Inc.: performed laboratory analysis on the backfill materials.

4.2.2 Site Preparation

- TREC mobilized to the Site on July 14, 2010;
- Grubbing of Outfall #2 took place on July 14, 2010, and grubbing of Outfall #1 took place on July 19, 2010;
- A sump was excavated at the discharge point of each outfall and pumped to retention areas in order to minimize the amount of water in the outfall ditch during the remedial excavation;
- Bales of straw were placed at the bottom of each outfall ditch and approximately every 75 feet throughout the ditches to prevent sediment migration downstream during remedial activities. Additionally, straw bale retention areas were constructed near each outfall to retain sediments from water pumped into the retention areas from the sumps installed at each outfall discharge point;
- Grade stakes were installed approximately every 15 feet along the outfall ditches in order to get accurate measurements of the depth of the remedial excavations;
- Sediment staging areas were constructed including berms to contain the material, poly sheeting to retain all liquids, and a sump area to gather resulting liquids and allow the sediment to dewater prior to off-site transport and disposal;

- Backfill used in the restoration of the drainage ditches was sampled consistent with 6 NYCRR 375-6.7(d) and NYSDEC DER-10 and pre-approved by the NYSDEC. Information regarding the backfill laboratory data reports is included in Appendix C;
- Wastewater from the sumps of each staging area was collected, sampled and approved by the Village of Newark for disposal through Ultralife's industrial sewer system at a rate of 55-gallons per day, three (3) times a week (refer to Appendix E); and,
- A pre-construction meeting was held on June 10, 2009.

4.2.3 General Site Controls

- Security at the Site is provided by Ultralife Corporation Security Department;
- Record keeping by LaBella included listing persons on-Site and their involvement, logging CAMP-required parameters, and documenting general site activities and conversations. A sign-in/sign-out sheet is maintained by the Ultralife Security Department.
- Equipment used during Site activities were manually cleaned (shovels) of any residual sediment at the end of each day.
- Staged sediment was placed on 2 layers of 6 ml poly sheeting and covered with poly sheeting. Excessive water that accumulated in the staged pile sumps was removed on July 21, 2010 and again on August 16, 2010 to allow the sediment to dry further before disposal. All soil tracked onto the asphalt driveway was swept and placed onto the staged pile.

4.2.4 Nuisance Controls

- Dust control measures were not implemented due to the nature of working with sediments, the fact that action levels were not exceeded during Site work, and the fact that no visible dust was observed during remedial activities;
- No adverse odors were encountered during remedial activities;
- Trucks used the most direct route to enter and exit the Site as approved by Ultralife Corporation; and,
- No complaints were received during remedial activities.

4.2.5 CAMP Results

No photoionization detector (PID) readings were recorded that were greater than 0.0 parts-per-million (ppm). Particulate monitoring was conducted for the duration of remedial activities and action levels were not exceeded. Additionally, dust was not observed during remedial activities. As a preventative measure, sand and silt that accumulated on the asphalt driveway near Outfall #2 was swept and removed to avoid any potential dust problems associated with the material.

Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix D.

4.2.6 Reporting

The project was short in duration and no formal reporting was completed. Verbal discussions were conducted in person and via telephone during the remedial actions with the NYSDEC.

A digital photo log of work completed to this point is included in electronic format in Appendix F.

4.3 CONTAMINATED MATERIALS REMOVAL

- The sediment cleanup objectives (SCOs) for the site were the NYSDEC Technical Guidance for Screening Contaminated Sediments (latest revision January 25, 1999);
- The extent of contamination was determined prior to the remedial actions and screening and confirmation sampling were not required by the NYSDEC;
- Sediments in the wetted portion were removed from each outfall to depths and distances downgradient defined in the RAWP;
- The extent of the removal areas for Outfall #1 and #2 are shown on Figure 2; and,
- Erosion control measures were implemented in accordance with the RAWP and included straw bales in the outfall ditches, straw bales and silt fencing in retention areas, spreading straw and Ernst Seed Mix on all areas impacted by Site activities, securing jute mesh along the bank of Outfall #2 where Site activities had significantly damaged the original grade, and securing the jute mesh with "live stakes" (Black Locust).

4.3.1 Outfall Sediments

Sediments were excavated from Outfall #1 to approximately 3 feet bgs for the first 20 feet below the outfall. Sediments were excavated to approximately 2 feet bgs. from the 20 ft. mark for the remaining length of the removal area (200 feet total length)Sediments were planned to be excavated to 3 feet bgs from Outfall #2 for the first 20 feet; however, due to unanticipated shallow shale bedrock, the first 20-ft. were only excavated to approximately 1.5 feet bgs. Sediments were excavated to approximately 2-ft. bgs from the 20 ft. mark until approximately 99 ft. from the outfall where shale was again encountered at 1.5 ft. bgs. The remaining length of the excavation for Outfall #2 (between 99 ft. and 119 ft. from the outfall) were excavated to the top of the shale.

Each outfall was excavated approximately 2-ft. on either side of the ditch centerline (i.e., removal width was approximately 4-ft. wide for the entire length of the excavation).

Figure 2 illustrates the removal locations and depths and a cross section of the removal area for each outfall are included as Figures 3A and 3B. Live stakes (black locust) were not noted in the RAWP but were used to secure the jute mesh along the upgradient sloped portion of Outfall #2. A NYSDEC representative was onsite during the remedial activities and approved these deviations. All excavation equipment that contacted impacted material was decontaminated at the end of the project. The decontamination consisted of removing bulk materials with shovels followed by removing the remaining materials with a power washer.

<u>4.3.1.1 Disposal Details</u>

Waste characterization samples were collected and submitted for laboratory analysis of Toxicity Characteristic Leaching Procedure (TCLP) Semivolatile Organic Compounds (SVOCs) and TCLP Metals. A total of five sediment grab samples were collected from the staged sediment following excavation and were submitted to be composited by the laboratory prior to analysis. On August 18, 2010 Silvarole Trucking and TREC facilitated the removal of the staged sediments. Two Part 364 permitted Silvarole trucks transported a total of 195.8 tons of contaminated sediments in a total of six loads to High Acres Landfill in Fairport, New York for disposal. A copy of the waste profile is included in Appendix G. The Silvarole trucks remained on Ultralife driveway asphalt during loading of the sediments, and didn't require decontamination procedures prior to leaving the site. However, the loading equipment was decontaminated by power washing the equipment over the bed of the last truckload of sediment. The decon water was sent with the sediment. Confirmation sampling was not conducted as part of the remedial action as agreed upon with the NYSDEC and outlined in the RAWP. The waste characterization data, disposal receipts and waste profile for the sediment are included in Appendix G. In addition, the water generated during dewatering of the sediments was disposed of to the Village of Newark sewer system subsequent to sampling and approval. The water characterization testing and Village of Newark approval request is provided in Appendix E.

A total of approximately 146.7 tons and 49.1 tons of contaminated sediment were removed from Outfall #1 and #2, respectively. Approximately 770 gallons of water (14 55-gal. drums) was removed and containerized from the staging area sumps of Outfall #1 and #2, respectively.

4.3.1.2 On-Site Reuse

No sediment was reused during remedial activities at the Site.

4.3.2 Wastewater

Wastewater was removed from sumps installed in each of the two (2) staging areas. The staging areas are shown on Figure 2. A total of fourteen (14) fifty-five (55)-gallon drums were used to store the wastewater at the Ultralife facility pending waste characterization. The general location of the temporary storage location of the drums is also shown on Figure 2.

4.3.2.1 Disposal Details

One wastewater sample was collected for waste characterization purposes from the sediment staging area sump prior to containerizing the wastewater in 55-gallon drums. The sample was analyzed for Total Compound List (TCL) Volatile Organic Compounds (VOCs) and SVOCs, Pesticides, and Total Analyte List (TAL) Metals. The data was presented to the Village of Newark and the wastewater was approved for discharge through Ultralife's industrial sewer system at a rate of 55-gallons per day, three (3) times per week. Discharge of the wastewater was conducted by Ultralife in accordance with the frequency specified by the Village of Newark. The request for approval letter from Ultralife to the Village of Newark, Wastewater Treatment Plant is included in Appendix E.

4.3.2.2 On-Site Reuse

No wastewater was reused during remedial activities at the Site.

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

Sediments were removed to specific depths and lengths from each outfall as agreed upon with the NYSDEC in the approved January 2010 RAWP, and as further described above. Figures 2, 3A and 3B show the extent of the sediment removals.

4.5 IMPORTED BACKFILL

A total of 280.66 tons of bank run gravel was imported from Smith Sand and Gravel in Marcellus, New York to the site for restoration purposes. The bank and run was used to restore the outfall ditches (including the temporary sump areas) to approximately their original grade and used to restore the sloped portion of the ditch in places where remedial activities impacted them. The backfill used during the remedial activities was sampled prior to remedial activities and submitted for laboratory analysis TCL VOCs, TCL SVOCs, Pesticides, PCBs, and Metals including Cyanide. The backfill sample was reported to contain no VOCs, SVOCs, Pesticides, or PCBs above laboratory method detection limits and no metals above Part 375-6 Unrestricted Use RSCOs. The results of the backfill sampling were discussed with the NYSDEC and verbal approval was granted by the NYSDEC to use the backfill during restoration activities. The bills of lading for the backfill and the laboratory analytical reports for the backfill sampling are found in Appendix C [*Note: The analytical report refers to the bank run as "BCKFL"*].

4.6 SITE RESTORATION

The base of the drainage ditches excavated during the remedial activities and the sump areas were backfilled with the bank run gravel to approximately their original grade. The original grade and sinuosity were maintained during the backfilling operations and compaction was accomplished by TREC using the excavator bucket in 6 to 8-inch lifts. The bank run gravel was also used to restore areas adjacent to the removal areas that were disturbed during remedial activities. It was agreed upon with the NYSDEC representative at the time of fieldwork that this material contained sufficient sand and silt to promote vegetative growth and would be more suitable and stable for use as a cover than topsoil. Straw mulch and Ernst Seeds ERNMX-178 seed mix was used to seed areas disturbed during remedial activities. Biodegradable jute mesh was used adjacent to the sump area of Outfall #2 in order to stabilize the sloped portion of the drainage ditch and was staked with black locust live stakes. Additional use of jute mesh for erosion control purposes was deemed unnecessary by the NYSDEC representative at the time of fieldwork. Pictures documenting the restoration work are included in Appendix F.

4.7 CONTAMINATION REMAINING AT THE SITE

Several locations at the Site have elevated concentrations of metals in apparent fill material beneath 2 feet in depth and several areas at the VCA Site have contaminants in soil and groundwater and have not yet been remediated to unrestricted levels. The applicable data tables from the Final Investigation Report that provide these results and the applicable mapping from the Final Investigation Report that provide the location of these samples are included in Appendix H.

Exposure to remaining contamination in soil/fill at the site is prevented by an existing soil cover system over the VCA Site that is comprised of approximately 24 inches of clean soil, asphalt pavement, concrete-covered sidewalks, and concrete building slabs. The Excavation Work Plan that appears in Appendix I outlines the procedures required to be implemented in the event the existing cover system is breached (i.e., excavations greater than 2-ft.), penetrated or temporarily removed, and any underlying remaining contamination is disturbed.

Since contaminated soil and groundwater remains beneath the VCA Site after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC included as Appendix L. The portion of the Site that the SMP applies to is included as Figure 4.

4.8 SOIL COVER SYSTEM

The soil cover system was not placed on the site separately, rather, the impacts left in-place are generally greater than 2-ft. in depth. This cover system is comprised of approximately 24 inches of clean soil, asphalt pavement, concrete-covered sidewalks, and concrete building slabs. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided as Appendix I and in Appendix A of the SMP.

4.9 OTHER ENGINEERING CONTROLS

The remedy for the VCA Site did not require the construction of any other engineering control systems.

4.10 INSTITUTIONAL CONTROLS

The final VCA Site remedy requires that a deed restriction be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination through the Soil Management Plan in the SMP; and, (3) limit the use and development of the Site to commercial and industrial uses only.

Adherence to the Institutional Controls on the site is required by the Deed Restriction and will be implemented under the Site Management Plan. The institutional controls for the site are:

- Compliance with the Deed Restriction and the SMP by the Grantor and the Grantor's successors and assigns.
- All Engineering Controls must be maintained and inspected as specified in the SMP.
- All Engineering Controls on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.
- Data and information pertinent to Site Management must be reported at the frequency and in a manner defined in the SMP.

Institutional Controls identified in the Deed Restriction may not be discontinued without an amendment to or extinguishment of the Deed Restriction. The Deed Restrictions for this property are identified below:

- The property can only be used for commercial and industrial purposes provided that the long-term Engineering and Institutional Controls included in this SMP are employed.

- The property may not be used for a higher level of use, such as unrestricted, residential, or restricted residential use without additional remediation and amendment of the Deed Restriction, as approved by the NYSDEC.
- All future ground intrusive activities greater than 2-ft. in depth within the VCP boundary must be conducted in accordance with this SMP.
- The use of the groundwater underlying the property is prohibited without NYSDEC approval and treatment rendering it safe for intended use.
- Vegetable gardens and farming on the property are prohibited.

The SMP and deed restriction require that the site owner or remedial party submit to NYSDEC a written statement that certifies, under penalty of perjury, that (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property, pursuant to the terms in the Deed Restriction, at any time in order to evaluate the continued maintenance of any and all controls. This certification must be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

The deed restriction for the site was executed on May 24, 2011, and filed with the Wayne County Clerk on June 6, 2011. The County Recording Identifier number for this filing is R9128382. A copy of the deed restriction and proof of filing is provided in Appendix K.

4.11 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

As stated in the RAWP, sediments were to be removed to 2 feet in depth from 20 feet downgradient of the outfall for the extent of the proposed excavation area. During the Outfall #2 excavation activities, refusal due to the presence of a shale layer was encountered at approximately 1.5 feet below original grade in the initial 20 feet of length in the sump area and in the final 20 feet of the length in the excavation as shown on Figure 2. Additionally, live stakes (black locust) were used to secure the jute mesh along the upgradient sloped portion of Outfall #2. A NYSDEC representative was onsite during the remedial activities and approved these deviations.

There were no other deviations from the RAWP during remedial actions.

4.12 CITIZEN PARTICIPATION (CP)

A fact sheet was distributed to the Site Contact List in July 2010 prior to remedy implementation. Upon acceptance of the FER a fact sheet will be distributed to the Site Contact List which explains that the Site remedy has been completed and that the NYSDEC has approved the final remedy.

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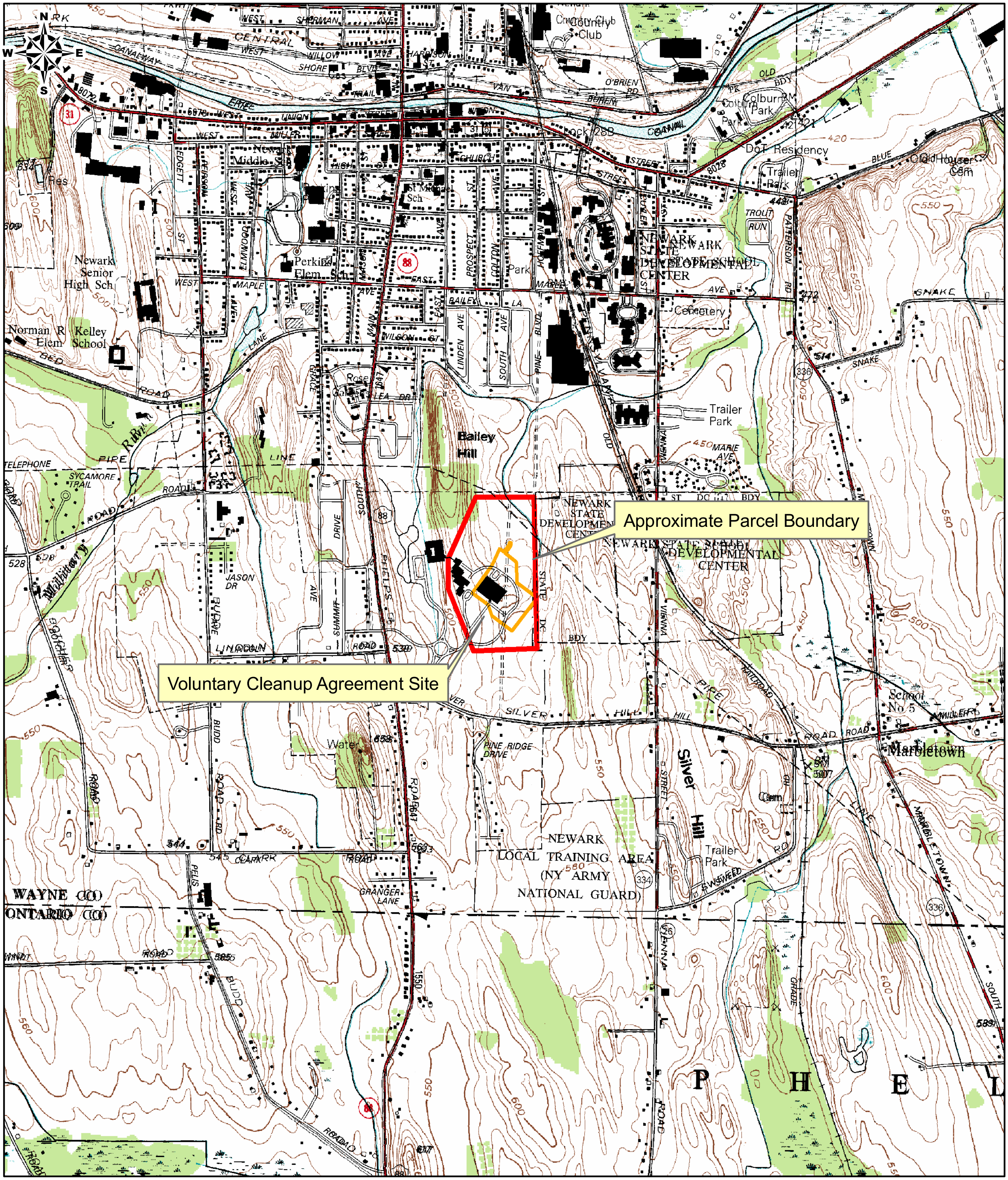
Figures



PROJECT/DRAWING NUMBER

209025

FIGURE 1

DRAWING TITLE

SITE LOCATION WITH USGS 7.5 MINUTE TOPO MAP NEWARK QUAD

ISSUED FOR: REVIEW

DATE: 5/15/09

DESIGNED BY: RCN

DRAWN BY: RCN

REVIEWED BY: DPN

PROJECT/CLIENT

Ultralife Batteries
Final Engineering Report

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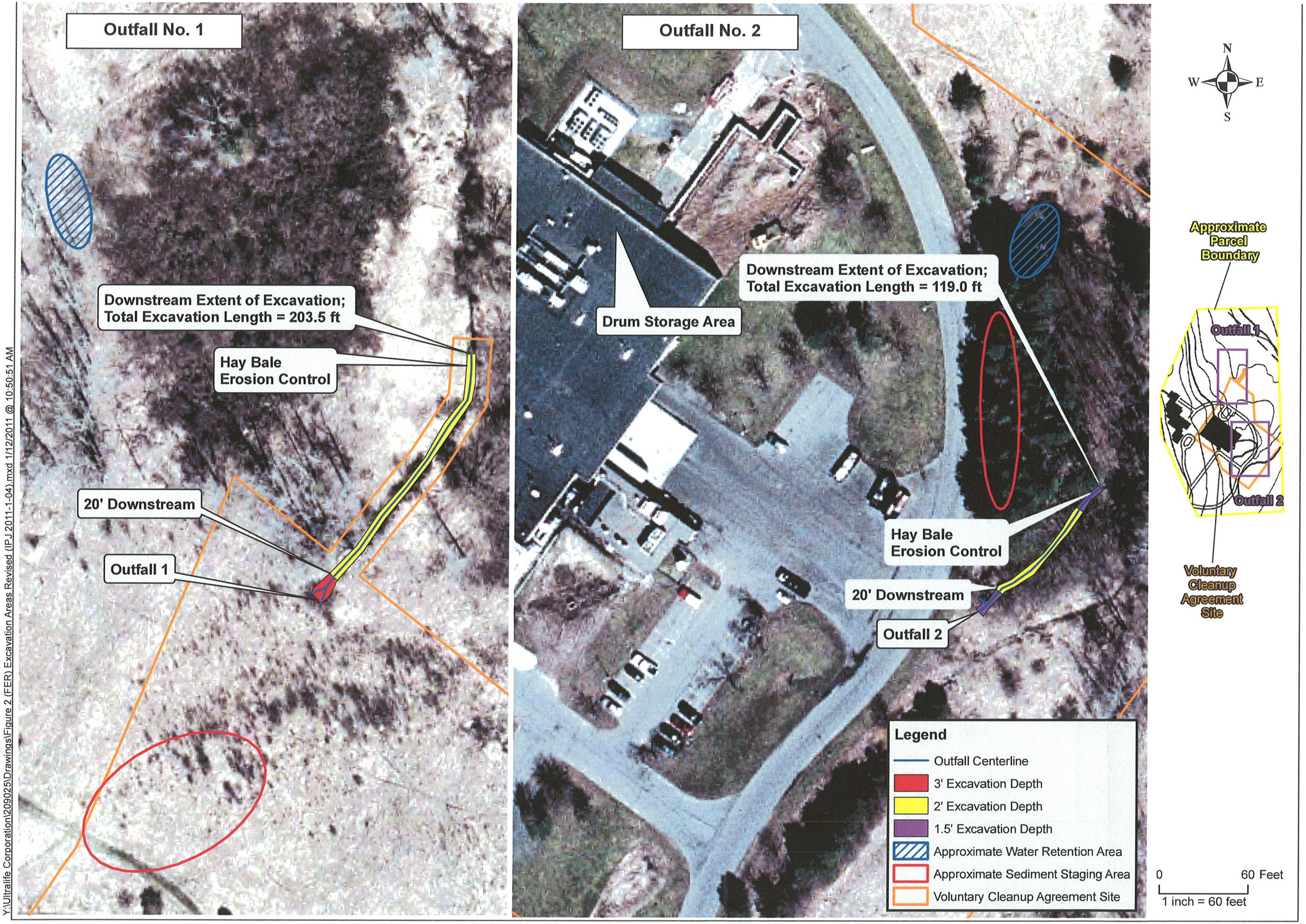
0 0.25 0.5 Miles

N W E S



Y:\Ultralife Corporation\209025\Drawings\Figure 2 (FER) Excavation Areas Revised (IPJ 2011-1-04).mxd 1/12/2011 @ 10:50:51 AM

It is a violation of New York Education Law Article 145 Sec. 7209, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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PROJECT/CLIENT

Ultralife Batteries
Final Engineering Report
NYSDEC Site No. V00178
1350 Route 88 South
Newark, New York

DRAWING TITLE

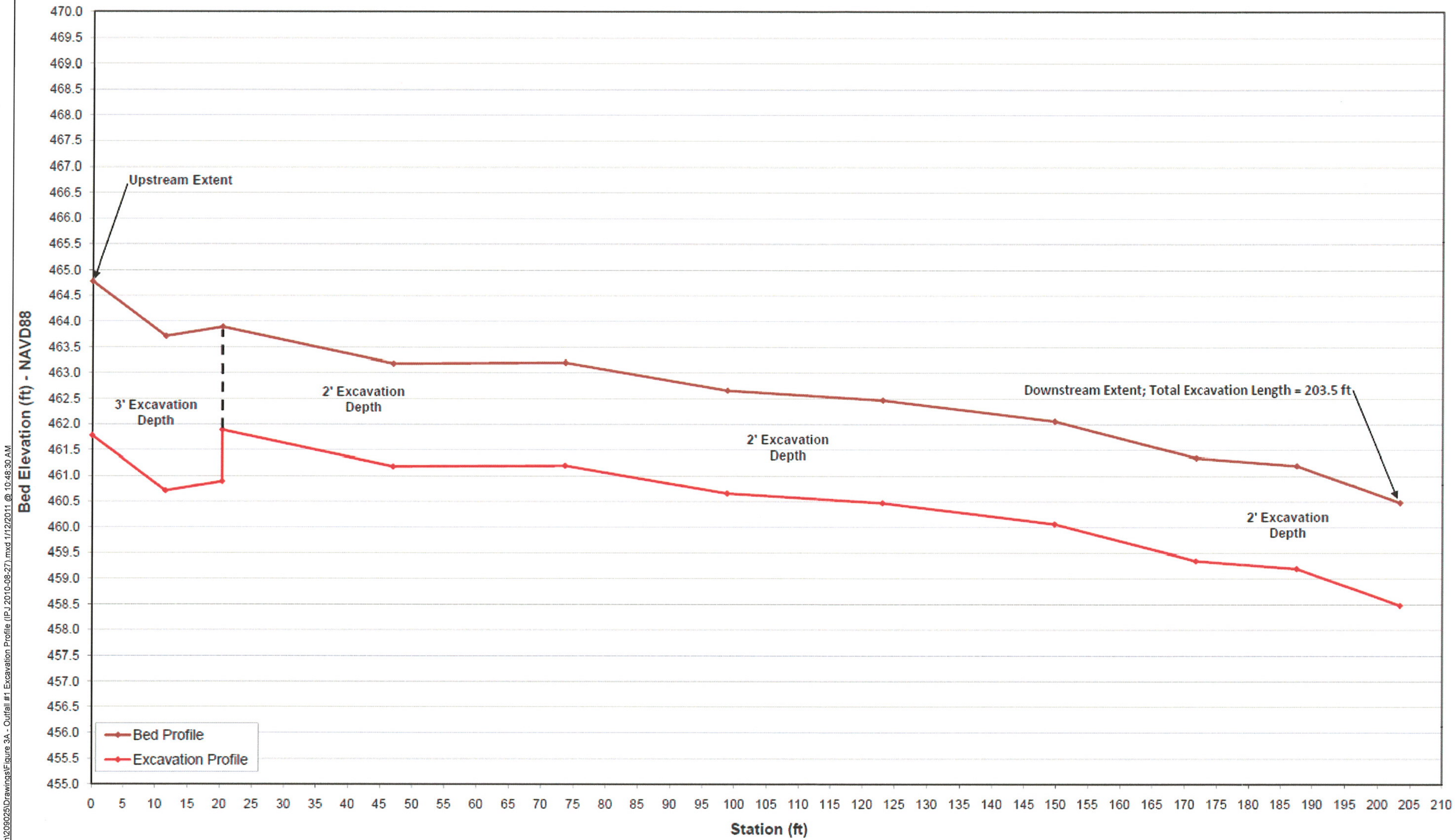
Excavation Areas

ISSUED FOR: FINAL
DATE: 1/06/2011
DESIGNED BY: SD
DRAWN BY: IPJ
REVIEWED BY: DPN

PROJECT/DRAWING NUMBER

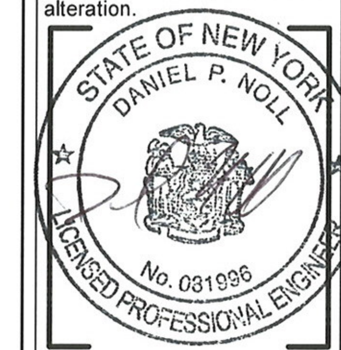
209025

FIGURE 2



Y:\Ultralife Corporation\209025\Drawings\Figure 3A - Outfall #1 Excavation Profile (IPJ 2010-08-27).mxd 1/12/2011 @ 10:48:30 AM

Note: Drawing Not To Scale.



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PROJECT/CLIENT

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Final Engineering Report
NYSDEC Site No. V00178
1350 Route 88 South
Newark, New York

DRAWING TITLE

OUTFALL #1
EXCAVATION PROFILE

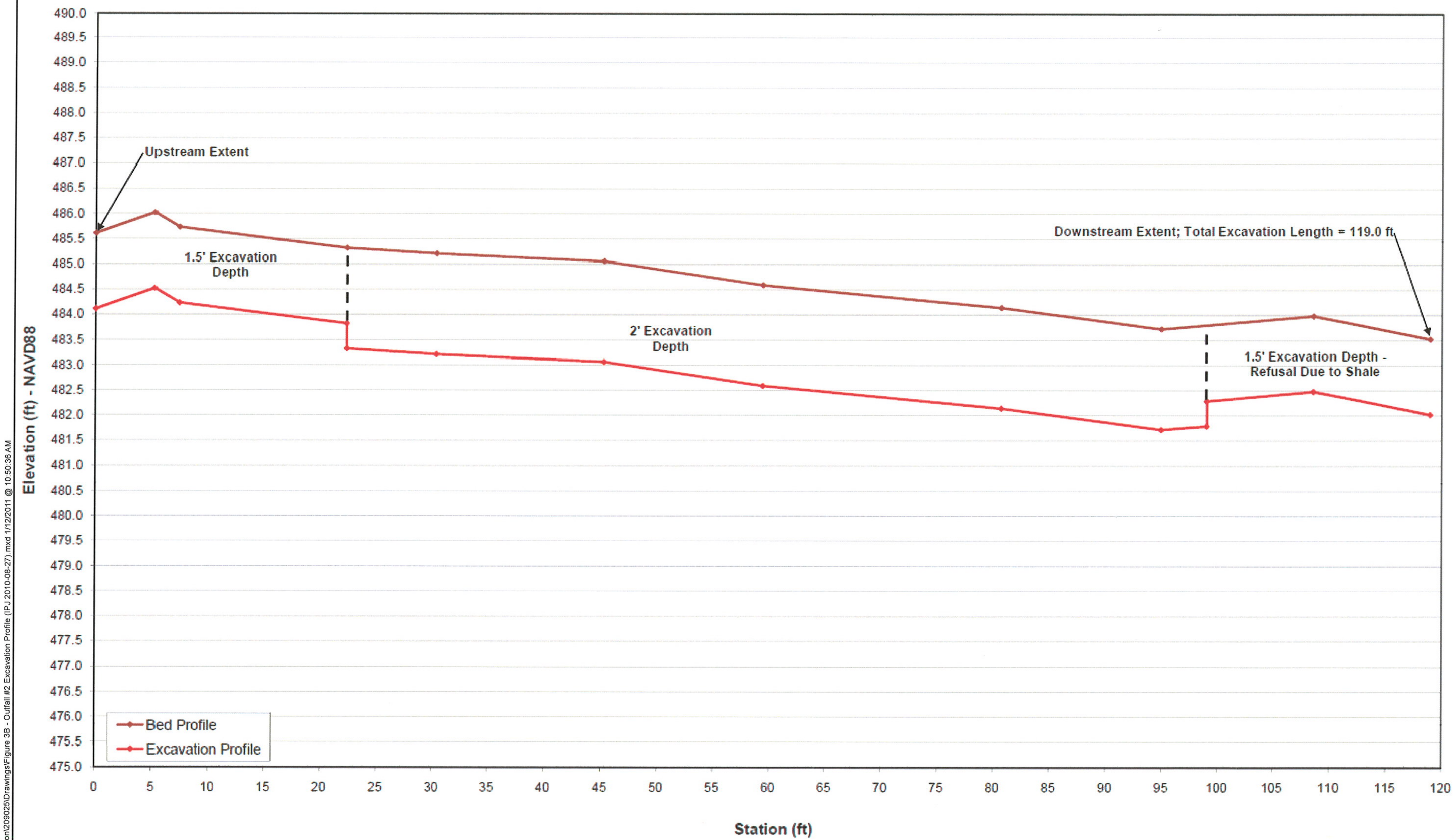
DESIGNED BY SD
DRAWN BY IPJ
REVIEWED BY DPN

ISSUED FOR FINAL
DATE 1/06/2011

PROJECT/DRAWING NUMBER

209025

FIGURE 3A



Note: Drawing Not To Scale.

Y:\Ultralife Corporation\209025\Drawings\Figure 3B - Outfall #2 Excavation Profile (IPJ 2010-08-27).mxd 1/12/2011 @ 10:50:36 AM

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STATE OF NEW YORK
DANIEL P. NOLL
No. 081996
LICENSED PROFESSIONAL ENGINEER

LABELLA Associates, P.C.
300 STATE STREET
ROCHESTER, NY 14614
P: (585)454-6110
F: (585)454-3066
www.labellapc.com

PROJECT/CLIENT

Ultralife Batteries
Final Engineering Report
NYSDEC Site No. V00178
1350 Route 88 South
Newark, New York

DRAWING TITLE

OUTFALL #2
EXCAVATION PROFILE

DESIGNED BY SD
DRAWN BY IPJ
REVIEWED BY DPN
ISSUED FOR FINAL
DATE: 1/06/2011

PROJECT/DRAWING NUMBER

209025

FIGURE 3B

Y:\Ultralife Corporation\209025\Drawings\SMP\Figure 2 (SMP) Aerial Photograph with Pertinent Site Features (IPJ 2011-01-11).mxd 3/7/2011 @ 4:39:19 PM

LABELLA Associates, P.C.
Engineering
Architecture
Environmental
Planning
300 STATE STREET
ROCHESTER, NY 14614
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www.labellapc.com

PROJECT/CLIENT

Ultralife Batteries
Final Engineering Report
NYSDEC Site No. V00178
1350 Route 88 South
Newark, New York

DRAWING TITLE

Aerial Photograph with
Pertinent Site Features

ISSUED FOR: FINAL
DATE: 01/11/2011
DESIGNED BY: IPJ
DRAWN BY: IPJ
REVIEWED BY: DPN

PROJECT/DRAWING NUMBER

209025

FIGURE 4

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix A
Survey Map, Metes and Bounds

REFERENCES

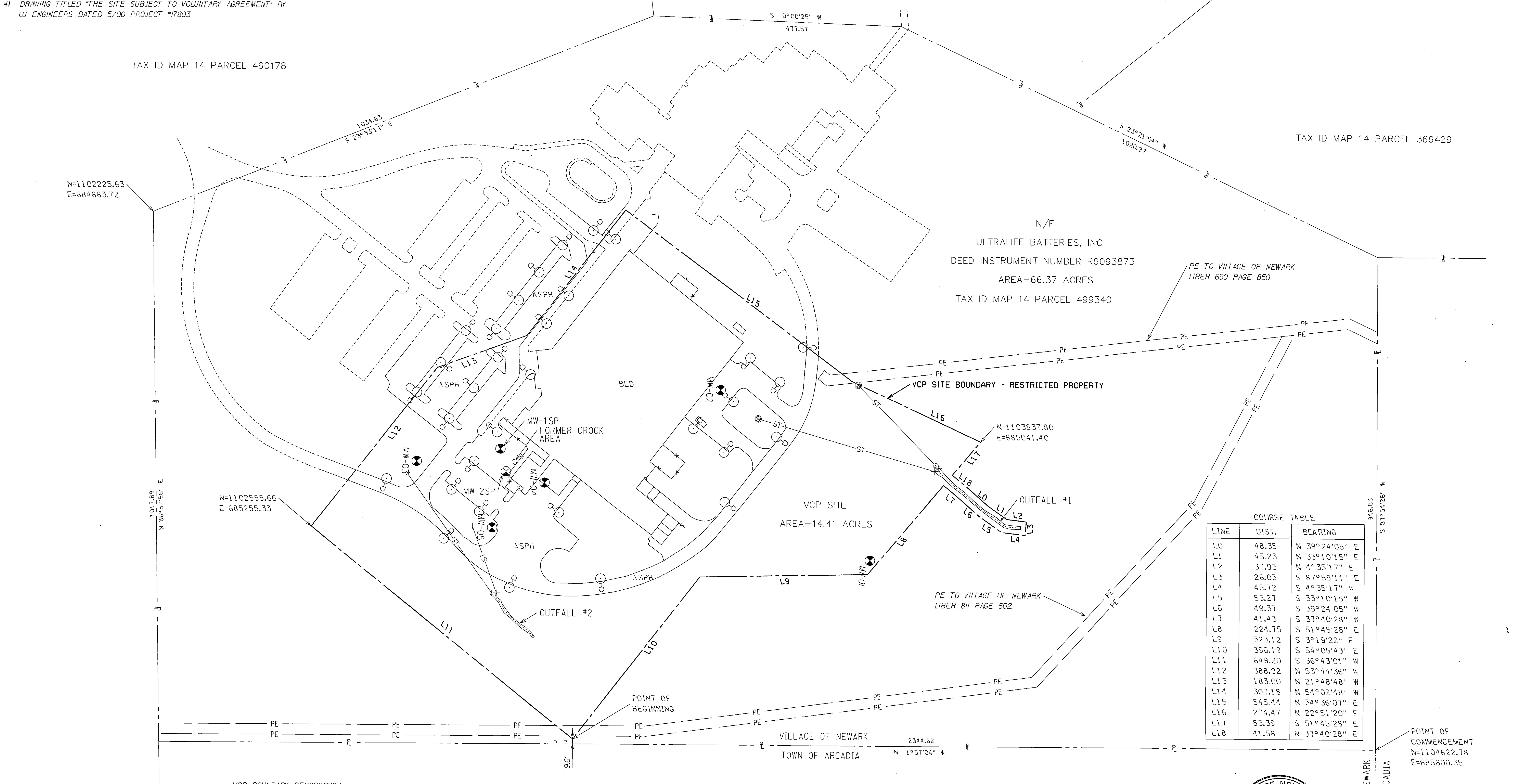
1) VILLAGE OF NEWARK TAX MAP NO. 14 AND 18.
2) DRAWING TITLED "REAL PROPERTY SUBDIVISION PLAT" BY FISHER ASSOC. DATE 4/00 FILED IN THE COUNTY CLERKS OFFICE AS MAP #27364 AND 27365
3) DRAWING TITLED "PLAN OF LANDS OWNED BY WAYNE COUNTY IDA" BY KOCHER SURVEYING, PC DATE 12-19-05 FILED IN THE COUNTY CLERKS OFFICE AS MAP #27366
3) DRAWING TITLED "PLAN OF STUART PARK" BY JEFFREY L. DISPENZA DATE FEB 18, 1998 FILED IN THE COUNTY CLERKS OFFICE AS MAP #23387
4) DRAWING TITLED "THE SITE SUBJECT TO VOLUNTARY AGREEMENT" BY LU ENGINEERS DATED 5/00 PROJECT #17803

SURVEY NOTES

1) THE HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM CENTRAL ZONE NAD 83 (1996).
2) NO ABSTRACT OF TITLE PROVIDED
3) VOLUNTARY AGREEMENT LINE ESTABLISHED BY FIELD SURVEY AND REF # 4
4) SITE FEATURES SHOWN WITH IN THE VOLUNTARY AGREEMENT LINE WERE LOCATED BY AN INSTRUMENT SURVEY, ALL OTHER FEATURES WERE DIGITIZED FROM AERIAL PHOTOGRAPHS.

SITE NOTES

1) THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS DEED RESTRICTION ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@GW.DEC.STATE.NY.US.
2) THE SMP APPLIES TO THE VCP SITE.



COURSE TABLE

LINE	DIST.	BEARING
L0	48.35	N 39°24'05" E
L1	45.23	N 33°10'15" E
L2	37.93	N 4°35'17" E
L3	26.03	S 87°59'11" E
L4	45.72	S 4°35'17" W
L5	53.27	S 33°10'15" W
L6	49.37	S 39°24'05" W
L7	41.43	S 37°40'28" W
L8	224.75	S 51°45'28" E
L9	323.12	S 3°19'22" E
L10	396.19	S 54°05'43" E
L11	649.20	S 36°43'01" W
L12	388.92	N 53°44'36" W
L13	183.00	N 21°48'48" W
L14	307.18	N 54°02'48" W
L15	545.44	N 34°36'07" E
L16	274.47	N 22°51'20" E
L17	83.39	S 51°45'28" E
L18	41.56	N 37°40'28" E

VCP BOUNDARY DESCRIPTION

COMMENCING AT THE NORTHEAST CORNER OF LANDS NOW OR FORMERLY OF ULTRALIFE BATTERIES, INC TAX ID MAP 14 PARCEL 499340, THENCE:
1) SOUTHERLY ALONG THE EASTERLY BOUNDARY OF SAID LANDS A DISTANCE OF 1547.3 FEET TO A POINT, THENCE:
2) WESTERLY ON A LINE PERPENDICULAR TO COURSE 1 A DISTANCE OF 9.6 FEET TO THE POINT OF BEGINNING, THENCE:
3) S 36°43'01" W A DISTANCE OF 649.20 FEET TO A ANGLE POINT, THENCE:
4) N 53°44'36" W A DISTANCE OF 388.92 FEET TO A ANGLE POINT, THENCE:
5) N 21°48'48" W A DISTANCE OF 183.00 FEET TO A ANGLE POINT, THENCE:
6) N 54°02'48" W A DISTANCE OF 307.18 FEET TO A ANGLE POINT, THENCE:
7) N 34°36'07" E A DISTANCE OF 545.44 FEET TO A ANGLE POINT, THENCE:
8) N 22°51'20" E A DISTANCE OF 274.47 FEET TO A ANGLE POINT, THENCE:
9) S 51°45'28" E A DISTANCE OF 83.39 FEET TO A ANGLE POINT, THENCE:
10) N 37°40'28" E A DISTANCE OF 41.56 FEET TO A ANGLE POINT, THENCE:
11) N 39°24'05" E A DISTANCE OF 48.35 FEET TO A ANGLE POINT, THENCE:
12) N 33°10'15" E A DISTANCE OF 45.23 FEET TO A ANGLE POINT, THENCE:
13) N 4°35'17" E A DISTANCE OF 37.93 FEET TO A ANGLE POINT, THENCE:
14) S 87°59'11" E A DISTANCE OF 26.03 FEET TO A ANGLE POINT, THENCE:
15) S 4°35'17" W A DISTANCE OF 45.72 FEET TO A ANGLE POINT, THENCE:
16) S 33°10'15" W A DISTANCE OF 53.27 FEET TO A ANGLE POINT, THENCE:
17) S 39°24'05" W A DISTANCE OF 49.37 FEET TO A ANGLE POINT, THENCE:
18) S 37°40'28" W A DISTANCE OF 41.43 FEET TO A ANGLE POINT, THENCE:
19) S 51°45'28" E A DISTANCE OF 224.75 FEET TO A ANGLE POINT, THENCE:
20) S 3°19'22" E A DISTANCE OF 323.12 FEET TO A ANGLE POINT, THENCE:
21) S 54°05'43" E A DISTANCE OF 396.19 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL CONTAINS 14.41 ACRES (627566 SQ. FT.)

STATE OF NEW YORK
MICHAEL W. HALEY
049788
LICENSED LAND SURVEYOR

WE, LABELLA ASSOCIATES PC, CERTIFY THAT THIS MAP WAS PREPARED USING REFERENCE MATERIAL AS LISTED HEREON AND FROM FIELD NOTES OF AN INSTRUMENT SURVEY COMPLETED AUGUST, 2010. THESE PARCELS ARE SUBJECT TO ANY EASEMENTS OR ENCUMBRANCES OF RECORD.

Michael W. Haley PLS 4/6/11

MICHAEL W. HALEY PLS
NYS PLS NO. 049788

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PROJECT/CLIENT
ULTRALIFE BATTERIES
FINAL ENGINEERING REPORT
1350 ROUTE 88 SOUTH
NEWARK, NEW YORK

DRAWING TITLE
INSTRUMENT SURVEY

DESIGNED BY: MWH
DRAWN BY: ECH
REVIEWED BY: BWH
DATE: AUG, 2010

PROJECT/DRAWING NUMBER
209025
SURVEY

4/7/2011 1:11:13 PM boundary map.dgn

LABELLA

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix B
Digital Copy of the FER (CD)

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix C
Backfill Analytical Report

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Trec Ultralife

ITEM: Bank Run

PRICE/TON:

GROSS	65640 lb	
TARE	26240 lb	RECALLED
NET	39400 lb	

NET TONS 19.70 T

06:19AM 07/21/2010

TICKET#8732

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Trec EnV Ultralife

ITEM: Bank Run

PRICE/TON:

GROSS	73920 lb	
TARE	26240 lb	RECALLED
NET	47680 lb	

NET TONS 23.84 T

07:35AM 07/21/2010

TICKET#8734

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Trec EnV Ultralife

ITEM: Bank Run

PRICE/TON:

GROSS	66540 lb	
TARE	26240 lb	RECALLED
NET	40300 lb	

NET TONS 20.15 T

08:42AM 07/21/2010

TICKET#8739

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Trec Env
Ultra life
ITEM:
Bank Run
PRICE/TON:

GROSS	66580 lb	
TARE	26240 lb	RECALLED
NET	40340 lb	

NET TONS 20.17 T

12:25PM 07/19/2010

TICKET#8702

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Trec Env
Ultra life
ITEM:
Bank Run
PRICE/TON:

GROSS	65180 lb	
TARE	26240 lb	RECALLED
NET	38940 lb	

NET TONS 19.47 T

01:27PM 07/19/2010

TICKET#8703

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Trec Env
Ultra life
ITEM:
Bank Run
PRICE/TON:

GROSS	66180 lb	
TARE	26240 lb	RECALLED
NET	39940 lb	

NET TONS 19.97 T

02:23PM 07/19/2010

TICKET#8705

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Tree Env
Ultra Life

ITEM:
Bank Run

PRICE/TON:

GROSS	70580 lb	
TARE	26240 lb	RECALLED
NET	44340 lb	

NET TONS 22.17 T

09:16AM 07/19/2010

TICKET#8697

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Tree Env
Ultra Life

ITEM:
Bank Run

PRICE/TON:

GROSS	66400 lb	
TARE	26240 lb	RECALLED
NET	40160 lb	

NET TONS 20.08 T

10:20AM 07/19/2010

TICKET#8699

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Tree Env
Ultra Life

ITEM:
Bank Run

PRICE/TON:

GROSS	70060 lb	
TARE	26240 lb	RECALLED
NET	43820 lb	

NET TONS 21.91 T

11:22AM 07/19/2010

TICKET#8700

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Tree Env

ITEM: Ultra life
Bank Run

PRICE/TON:

GROSS	70140 lb	
TARE	26240 lb	RECALLED
NET	43900 lb	

NET TONS 21.95 T

07:24AM 07/16/2010

TICKET#8661

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 733

CUSTOMER: Tree Env

ITEM: Ultra life
Bank Run

PRICE/TON:

GROSS	65460 lb	
TARE	26240 lb	RECALLED
NET	39220 lb	

NET TONS 19.61 T

09:32AM 07/16/2010

TICKET#8669

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 02

CUSTOMER: Tree Env

ITEM: Ultra life
Bank Run

PRICE/TON:

GROSS	36300 lb	
TARE	17600 lb	RECALLED
NET	18700 lb	

NET TONS 9.35 T

10:23AM 07/16/2010

TICKET#8682

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 02

CUSTOMER: Treke Env
Ultra life

ITEM:
Bark Run

PRICE/TON:

GROSS	40000 lb	
TARE	17600 lb	RECALLED
NET	22400 lb	

NET TONS 11.20 T

10:48AM 07/14/2010

TICKET#8620

Invt 1568
1018 Washington St
Spencerport 14559
#594-5545

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)493-6510

ID# 02

CUSTOMER: TREC Env.

ITEM: Bark Run

PRICE/TON:

GROSS	36200 lb	
TARE	17600 lb	RECALLED
NET	18600 lb	

NET TONS 9.30 T

06:16AM 07/15/2010

TICKET#8637

RG ROCHESTER INC.
SMITH SAND/GRAVEL
7120 SODUS CENTER RD.
SODUS, NY 14551
(315)483-6510

ID# 46

CUSTOMER: Trec Env
Ultra life

ITEM:
Bark Run

PRICE/TON:

GROSS	68360 lb	
TARE	24780 lb	RECALLED
NET	43580 lb	

NET TONS 21.79 T

02:09PM 07/15/2010

TICKET#8654

15 Poplar Drive
Rochester, NY 14625
(585) 586-8240
Fax (585) 218-9495

RG Rochester, Inc.

Fax

To:	Keith @ Trec	**From:**	Shannon
Fax:	594-5675	**Pages:**	6
Phone:		**Date:**	2/4/11
Re:	Scale tickets	**CC:**	

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply**
☐ **Please Recycle**

Keith,

Here are the scale tickets as per your request.

Thanks,

Shannon

Report Date:
19-Mar-10 11:28

- [x] Final Report
- [ ] Re-Issued Report
- [ ] Revised Report

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

Laboratory Report

LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614

Attn: Dan Noll

Work Order: J0337
Project : LaBella Smith Sand and Gravel
Project #: 209025

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
J0337-01	BCKFL	Soil	25-Feb-10 10:36	03-Mar-10 11:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quaility control requirements for each method. The results relate only to the samples(s) as recevied.

All applicable NELAC or USEPA CLP requirments have been meet.

Mitkem Laboratories is accredited under the National Environmental Laboratory Approval Program (NELAP) and is certified by several States, as well as USEPA and US Department of Defense. The current list of our laboratory approvals and certifications is available on the Certifications page our web site at www.mitkem.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Pennsylvania	68-00520
Rhode Island	LAI00301
Texas	T104704422-08-TX
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-05-030

Authorized by:

Catherine J Mosher
For YD.

Yihai Ding
Laboratory Director

Technical Reviewer's Initials:
CLM

MITKEM LABORATORIES

* Data Summary Pack *

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Identification and Analytical Requirements Summary

Project Name : LaBella Stand By – 209025 **SDG :** J0337

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
BCKFL	J0337-01	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	SEE DATA
BCKFL	J0337-01			SW8082_S	SW7471	

03/19/2010 11:29

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : LaBella Stand By – 209025 **SDG :** J0337

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260_LOW_S					
J0337-01B	SL	2/25/2010	3/3/2010	NA	3/7/2010

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSSEMI

Project Name : LaBella Stand By -- 209025 **SDG :** J0337

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8270_S					
J0337-01A	SL	2/25/2010	3/3/2010	3/4/2010	3/9/2010

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary GC*

Project Name : LaBella Stand By – 209025 **SDG :** J0337

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8081_S					
J0337-01A	SL	2/25/2010	3/3/2010	3/3/2010	3/8/2010
SW8082_S					
J0337-01A	SL	2/25/2010	3/3/2010	3/3/2010	3/8/2010

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : LaBella Stand By -- 209025 **SDG :** J0337

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260_LOW_S					
J0337-01B	SL	SW8260_LOW_S	NA	LOW	1

03/19/2010 11:29

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSSEMI

Project Name : LaBella Stand By – 209025 **SDG :** J0337

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8270_S					
J0337-01A	SL	SW8270_S	3550B	NA	1

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary GC*

Project Name : LaBella Stand By -- 209025 **SDG :** J0337

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8081_S					
J0337-01A	SL	SW8081_S	3550B	GPC/Sulfur	1
SW8082_S					
J0337-01A	SL	SW8082_S	3550B	GPC/Acid/Sulfur	1

03/19/2010 11:29

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary ME

Project Name : LaBella Stand By – 209025 **SDG :** J0337

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010_S				
J0337-01A	SL	SW6010_S	3/3/2010	3/12/2010
SW7471				
J0337-01A	SL	SW7471	3/3/2010	3/9/2010

Analytical Data Package for LaBella Associates, P.C.

Client Project: Smith Sand & Gravel

SDG# SJ0337

Mitkem Project ID: J0337

March 19, 2010

Prepared For:

LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, NY 14614
Attn: Mr. Dan Noll

Prepared By:

Mitkem Laboratories
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to LaBella Associates, P.C.'s Smith Sand & Gravel. Under this deliverable, analysis results are presented for one soil sample that were received on March 3, 2010. Analyses were performed per specifications in the project's contract and the chain of custody form, following discussions with the client. Following the narrative is Mitkem Work Order for cross-referencing client sample ID and laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols and reported per NYSDEC ASP requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall Observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.
- M6 software did not integrate peak.
- M7 partial peak integration.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: no unusual observation was made for this analysis.

3. Semivolatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries were within the QC limits with the exception of low recovery of 4-chloroaniline, 3-nitroaniline, 4-nitroaniline and 3,3'-dichlorobenzidine in LCS-49583 and its duplicate. Replicate RPDs were within the QC limits with the exception of 3,3'-dichlorobenzidine.

Sample analysis: no other unusual observation was made for this analysis.

4. Pesticides Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries and replicate RPDs were within the QC limits for both columns.

Sample analysis: no unusual observation was made for this analysis.

5. PCB Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries and replicate RPDs were within the QC limits for both columns.

Sample analysis: no unusual observation was made for this analysis.

6. Metals Analysis:

Lab control sample: spike recoveries were within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

7. Cyanide Analysis:

Lab control sample: spike recovery was within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

The pages in this report have been numbered consecutively, starting from this narrative and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Agnes R Huntley

Agnes Huntley
CLP Project Manager
03/19/10

WorkOrder: J0337

03/19/2010 10:49

Mitkem Laboratories

Client ID: LABELLA
Project: LaBella Stand By
WO Name: LaBella Smith Sand and Gravel
Location: LABELLA_STANDBY_CONTRACT, 209025
Comments: N/A

Case:
SDG:
PO: 209025

HC Due: 03/17/10
Fax Due: 03/12/10
Fax Report: ☑

Report Level: ASP-B
Special Program:
EDD: ENVIROINSITE_1

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0337-01A	BCKFL	02/25/2010 10:36	03/03/2010	Soil	PMoist	Have anther 4oz jar in VOC /					A1
J0337-01A	BCKFL	02/25/2010 10:36	03/03/2010	Soil	SW6010_S	Have anther 4oz jar in VOC / TAL				Y	A1
J0337-01A	BCKFL	02/25/2010 10:36	03/03/2010	Soil	SW7471	Have anther 4oz jar in VOC / TAL					A1
J0337-01A	BCKFL	02/25/2010 10:36	03/03/2010	Soil	SW8081_S	Have anther 4oz jar in VOC /					A1
J0337-01A	BCKFL	02/25/2010 10:36	03/03/2010	Soil	SW8082_S	Have anther 4oz jar in VOC /					A1
J0337-01A	BCKFL	02/25/2010 10:36	03/03/2010	Soil	SW8270_S	Have anther 4oz jar in VOC / TCL+STARS				Y	A1
J0337-01A	BCKFL	02/25/2010 10:36	03/03/2010	Soil	SW9012_S	Have anther 4oz jar in VOC /					A1
J0337-01B	BCKFL	02/25/2010 10:36	03/03/2010	Soil	SW8260_LOW_S	/ 2CVE+special+STARS_VOC				Y	VOA

0005

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Lab Client Rep: Shirley S Ng

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BCKFL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: J0337-01B

Sample wt/vol: 5.10 (g/mL) G Lab File ID: V5L6533.D

Level: (TRACE/LOW/MED) LOW Date Received: 03/03/2010

% Moisture: not dec. 10 Date Analyzed: 03/07/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
74-87-3	Chloromethane	5.4	U
75-01-4	Vinyl chloride	5.4	U
74-83-9	Bromomethane	5.4	U
75-00-3	Chloroethane	5.4	U
75-69-4	Trichlorofluoromethane	5.4	U
75-35-4	1,1-Dichloroethene	5.4	U
67-64-1	Acetone	5.4	U
75-15-0	Carbon disulfide	5.4	U
75-09-2	Methylene chloride	1.7	J
156-60-5	trans-1,2-Dichloroethene	5.4	U
1634-04-4	Methyl tert-butyl ether	5.4	U
75-34-3	1,1-Dichloroethane	5.4	U
108-05-4	Vinyl acetate	5.4	U
78-93-3	2-Butanone	5.4	U
156-59-2	cis-1,2-Dichloroethene	5.4	U
67-66-3	Chloroform	5.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U
56-23-5	Carbon tetrachloride	5.4	U
107-06-2	1,2-Dichloroethane	5.4	U
71-43-2	Benzene	5.4	U
79-01-6	Trichloroethene	5.4	U
78-87-5	1,2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U
108-10-1	4-Methyl-2-pentanone	5.4	U
108-88-3	Toluene	5.4	U
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	5.4	U
124-48-1	Dibromochloromethane	5.4	U
108-90-7	Chlorobenzene	5.4	U
100-41-4	Ethylbenzene	5.4	U
1330-20-7	m,p-Xylene	5.4	U
95-47-6	o-Xylene	5.4	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BCKFL

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL   Lab Sample ID: J0337-01B

Sample wt/vol: 5.10 (g/mL) G   Lab File ID: V5L6533.D

Level: (TRACE/LOW/MED) LOW   Date Received: 03/03/2010

% Moisture: not dec. 10   Date Analyzed: 03/07/2010

GC Column: DB-624   ID: 0.25 (mm)   Dilution Factor: 1.0

Soil Extract Volume: (uL)   Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
1330-20-7	Xylene (Total)	5.4	U
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
103-65-1	n-Propylbenzene	5.4	U
108-67-8	1,3,5-Trimethylbenzene	5.4	U
98-06-6	tert-Butylbenzene	5.4	U
95-63-6	1,2,4-Trimethylbenzene	5.4	U
135-98-8	sec-Butylbenzene	5.4	U
99-87-6	4-Isopropyltoluene	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
104-51-8	n-Butylbenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
91-20-3	Naphthalene	5.4	U
110-75-8	2-Chloroethyl vinyl ether	5.4	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCS-49650

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-49650

Sample wt/vol: 5.00 (g/mL) G Lab File ID: V5L6527.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. 0.0 Date Analyzed: 03/07/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
74-87-3	Chloromethane	51	
75-01-4	Vinyl chloride	50	
74-83-9	Bromomethane	49	
75-00-3	Chloroethane	51	
75-69-4	Trichlorofluoromethane	51	
75-35-4	1,1-Dichloroethene	50	
67-64-1	Acetone	32	
75-15-0	Carbon disulfide	52	
75-09-2	Methylene chloride	53	
156-60-5	trans-1,2-Dichloroethene	51	
1634-04-4	Methyl tert-butyl ether	53	
75-34-3	1,1-Dichloroethane	52	
108-05-4	Vinyl acetate	52	
78-93-3	2-Butanone	41	
156-59-2	cis-1,2-Dichloroethene	53	
67-66-3	Chloroform	52	
71-55-6	1,1,1-Trichloroethane	52	
56-23-5	Carbon tetrachloride	51	
107-06-2	1,2-Dichloroethane	52	
71-43-2	Benzene	53	
79-01-6	Trichloroethene	51	
78-87-5	1,2-Dichloropropane	54	
75-27-4	Bromodichloromethane	55	
10061-01-5	cis-1,3-Dichloropropene	54	
108-10-1	4-Methyl-2-pentanone	54	
108-88-3	Toluene	56	
10061-02-6	trans-1,3-Dichloropropene	55	
79-00-5	1,1,2-Trichloroethane	54	
127-18-4	Tetrachloroethene	54	
591-78-6	2-Hexanone	47	
124-48-1	Dibromochloromethane	56	
108-90-7	Chlorobenzene	57	
100-41-4	Ethylbenzene	56	
1330-20-7	m,p-Xylene	110	
95-47-6	o-Xylene	56	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.: LCS-49650

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL   Lab Sample ID: LCS-49650

Sample wt/vol: 5.00 (g/mL) G   Lab File ID: V5L6527.D

Level: (TRACE/LOW/MED) LOW   Date Received:

% Moisture: not dec. 0.0   Date Analyzed: 03/07/2010

GC Column: DB-624   ID: 0.25 (mm)   Dilution Factor: 1.0

Soil Extract Volume: (uL)   Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
1330-20-7	Xylene (Total)	170	
100-42-5	Styrene	57	
75-25-2	Bromoform	58	
98-82-8	Isopropylbenzene	55	
79-34-5	1,1,2,2-Tetrachloroethane	55	
103-65-1	n-Propylbenzene	54	
108-67-8	1,3,5-Trimethylbenzene	55	
98-06-6	tert-Butylbenzene	54	
95-63-6	1,2,4-Trimethylbenzene	55	
135-98-8	sec-Butylbenzene	54	
99-87-6	4-Isopropyltoluene	55	
541-73-1	1,3-Dichlorobenzene	54	
106-46-7	1,4-Dichlorobenzene	55	
104-51-8	n-Butylbenzene	55	
95-50-1	1,2-Dichlorobenzene	55	
91-20-3	Naphthalene	58	
110-75-8	2-Chloroethyl vinyl ether	52	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49650

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCSD-49650

Sample wt/vol: 5.00 (g/mL) G Lab File ID: V5L6528.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. 0.0 Date Analyzed: 03/07/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
74-87-3	Chloromethane	53	
75-01-4	Vinyl chloride	53	
74-83-9	Bromomethane	54	
75-00-3	Chloroethane	52	
75-69-4	Trichlorofluoromethane	52	
75-35-4	1,1-Dichloroethene	51	
67-64-1	Acetone	35	
75-15-0	Carbon disulfide	52	
75-09-2	Methylene chloride	58	
156-60-5	trans-1,2-Dichloroethene	54	
1634-04-4	Methyl tert-butyl ether	57	
75-34-3	1,1-Dichloroethane	55	
108-05-4	Vinyl acetate	57	
78-93-3	2-Butanone	43	
156-59-2	cis-1,2-Dichloroethene	55	
67-66-3	Chloroform	55	
71-55-6	1,1,1-Trichloroethane	51	
56-23-5	Carbon tetrachloride	48	
107-06-2	1,2-Dichloroethane	57	
71-43-2	Benzene	55	
79-01-6	Trichloroethene	50	
78-87-5	1,2-Dichloropropane	57	
75-27-4	Bromodichloromethane	57	
10061-01-5	cis-1,3-Dichloropropene	57	
108-10-1	4-Methyl-2-pentanone	61	
108-88-3	Toluene	53	
10061-02-6	trans-1,3-Dichloropropene	56	
79-00-5	1,1,2-Trichloroethane	61	
127-18-4	Tetrachloroethene	47	
591-78-6	2-Hexanone	56	
124-48-1	Dibromochloromethane	60	
108-90-7	Chlorobenzene	54	
100-41-4	Ethylbenzene	49	
1330-20-7	m,p-Xylene	94	
95-47-6	o-Xylene	48	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49650

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCSD-49650

Sample wt/vol: 5.00 (g/mL) G Lab File ID: V5L6528.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. 0.0 Date Analyzed: 03/07/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	53	
75-25-2	Bromoform	63	
98-82-8	Isopropylbenzene	44	
79-34-5	1,1,2,2-Tetrachloroethane	63	
103-65-1	n-Propylbenzene	42	
108-67-8	1,3,5-Trimethylbenzene	43	
98-06-6	tert-Butylbenzene	43	
95-63-6	1,2,4-Trimethylbenzene	44	
135-98-8	sec-Butylbenzene	41	
99-87-6	4-Isopropyltoluene	41	
541-73-1	1,3-Dichlorobenzene	46	
106-46-7	1,4-Dichlorobenzene	46	
104-51-8	n-Butylbenzene	42	
95-50-1	1,2-Dichlorobenzene	47	
91-20-3	Naphthalene	51	
110-75-8	2-Chloroethyl vinyl ether	51	

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BCKFL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: J0337-01A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S1G2446.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 10 Decanted: (Y/N) N Date Received: 03/03/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/04/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/09/2010

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
108-95-2	Phenol	360	U
111-44-4	Bis(2-chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2´-oxybis(1-Chloropropane)	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
111-91-1	Bis(2-chloroethoxy)methane	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	740	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	740	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U
99-09-2	3-Nitroaniline	740	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	740	U
100-02-7	4-Nitrophenol	740	U
132-64-9	Dibenzofuran	360	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BCKFL

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL   Lab Sample ID: J0337-01A

Sample wt/vol: 30.3 (g/mL) G   Lab File ID: S1G2446.D

Level: (LOW/MED) LOW   Extraction: (Type) SONC

% Moisture: 10   Decanted: (Y/N) N   Date Received: 03/03/2010

Concentrated Extract Volume: 1000 (uL)   Date Extracted: 03/04/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00   Date Analyzed: 03/09/2010

GPC Cleanup:(Y/N) N   pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	740	U
534-52-1	4,6-Dinitro-2-methylphenol	740	U
86-30-6	N-Nitrosodiphenylamine	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	740	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3´-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	Bis(2-ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-49583

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1G2443.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/04/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/09/2010

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
108-95-2	Phenol	1400	
111-44-4	Bis(2-chloroethyl)ether	1300	
95-57-8	2-Chlorophenol	1400	
541-73-1	1,3-Dichlorobenzene	1300	
106-46-7	1,4-Dichlorobenzene	1300	
95-50-1	1,2-Dichlorobenzene	1300	
95-48-7	2-Methylphenol	1400	
108-60-1	2,2´-oxybis(1-Chloropropane)	1300	
106-44-5	4-Methylphenol	1700	
621-64-7	N-Nitroso-di-n-propylamine	1300	
67-72-1	Hexachloroethane	1400	
98-95-3	Nitrobenzene	1400	
78-59-1	Isophorone	1300	
88-75-5	2-Nitrophenol	1500	
105-67-9	2,4-Dimethylphenol	1500	
120-83-2	2,4-Dichlorophenol	1600	
120-82-1	1,2,4-Trichlorobenzene	1700	
91-20-3	Naphthalene	1500	
106-47-8	4-Chloroaniline	100	J
111-91-1	Bis(2-chloroethoxy)methane	1300	
87-68-3	Hexachlorobutadiene	1800	
59-50-7	4-Chloro-3-methylphenol	1700	
91-57-6	2-Methylnaphthalene	1500	
77-47-4	Hexachlorocyclopentadiene	1600	
88-06-2	2,4,6-Trichlorophenol	1500	
95-95-4	2,4,5-Trichlorophenol	1500	
91-58-7	2-Chloronaphthalene	1300	
88-74-4	2-Nitroaniline	1200	
131-11-3	Dimethylphthalate	1400	
208-96-8	Acenaphthylene	1200	
606-20-2	2,6-Dinitrotoluene	1400	
99-09-2	3-Nitroaniline	190	J
83-32-9	Acenaphthene	1400	
51-28-5	2,4-Dinitrophenol	1400	
100-02-7	4-Nitrophenol	1400	
132-64-9	Dibenzofuran	1400	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-49583

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1G2443.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/04/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/09/2010

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
121-14-2	2,4-Dinitrotoluene	1500	
84-66-2	Diethylphthalate	1300	
7005-72-3	4-Chlorophenyl-phenylether	1600	
86-73-7	Fluorene	1500	
100-01-6	4-Nitroaniline	460	J
534-52-1	4,6-Dinitro-2-methylphenol	1300	
86-30-6	N-Nitrosodiphenylamine	1300	
101-55-3	4-Bromophenyl-phenylether	1800	
118-74-1	Hexachlorobenzene	1600	
87-86-5	Pentachlorophenol	1600	
85-01-8	Phenanthrene	1600	
120-12-7	Anthracene	1300	
86-74-8	Carbazole	1400	
84-74-2	Di-n-butylphthalate	1400	
206-44-0	Fluoranthene	1400	
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	1100	
91-94-1	3,3´-Dichlorobenzidine	17	J
56-55-3	Benzo(a)anthracene	1400	
218-01-9	Chrysene	1400	
117-81-7	Bis(2-ethylhexyl)phthalate	1100	
117-84-0	Di-n-octylphthalate	1500	
205-99-2	Benzo(b)fluoranthene	1700	
207-08-9	Benzo(k)fluoranthene	2100	
50-32-8	Benzo(a)pyrene	1400	
193-39-5	Indeno(1,2,3-cd)pyrene	1600	
53-70-3	Dibenzo(a,h)anthracene	1800	
191-24-2	Benzo(g,h,i)perylene	1500	

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCSD-49583

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1G2444.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/04/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/09/2010

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
108-95-2	Phenol	1400	
111-44-4	Bis(2-chloroethyl)ether	1200	
95-57-8	2-Chlorophenol	1400	
541-73-1	1,3-Dichlorobenzene	1200	
106-46-7	1,4-Dichlorobenzene	1200	
95-50-1	1,2-Dichlorobenzene	1300	
95-48-7	2-Methylphenol	1400	
108-60-1	2,2´-oxybis(1-Chloropropane)	1200	
106-44-5	4-Methylphenol	1600	
621-64-7	N-Nitroso-di-n-propylamine	1300	
67-72-1	Hexachloroethane	1300	
98-95-3	Nitrobenzene	1300	
78-59-1	Isophorone	1300	
88-75-5	2-Nitrophenol	1400	
105-67-9	2,4-Dimethylphenol	1300	
120-83-2	2,4-Dichlorophenol	1600	
120-82-1	1,2,4-Trichlorobenzene	1600	
91-20-3	Naphthalene	1500	
106-47-8	4-Chloroaniline	140	J
111-91-1	Bis(2-chloroethoxy)methane	1300	
87-68-3	Hexachlorobutadiene	1800	
59-50-7	4-Chloro-3-methylphenol	1600	
91-57-6	2-Methylnaphthalene	1500	
77-47-4	Hexachlorocyclopentadiene	1800	
88-06-2	2,4,6-Trichlorophenol	1500	
95-95-4	2,4,5-Trichlorophenol	1600	
91-58-7	2-Chloronaphthalene	1400	
88-74-4	2-Nitroaniline	1300	
131-11-3	Dimethylphthalate	1400	
208-96-8	Acenaphthylene	1300	
606-20-2	2,6-Dinitrotoluene	1400	
99-09-2	3-Nitroaniline	240	J
83-32-9	Acenaphthene	1400	
51-28-5	2,4-Dinitrophenol	1500	
100-02-7	4-Nitrophenol	1400	
132-64-9	Dibenzofuran	1500	

SOM_002

SW846

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCSD-49583

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1G2444.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/04/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/09/2010

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
121-14-2	2,4-Dinitrotoluene	1600	
84-66-2	Diethylphthalate	1300	
7005-72-3	4-Chlorophenyl-phenylether	1600	
86-73-7	Fluorene	1500	
100-01-6	4-Nitroaniline	450	J
534-52-1	4,6-Dinitro-2-methylphenol	1300	
86-30-6	N-Nitrosodiphenylamine	1400	
101-55-3	4-Bromophenyl-phenylether	1700	
118-74-1	Hexachlorobenzene	1600	
87-86-5	Pentachlorophenol	1500	
85-01-8	Phenanthrene	1600	
120-12-7	Anthracene	1200	
86-74-8	Carbazole	1300	
84-74-2	Di-n-butylphthalate	1300	
206-44-0	Fluoranthene	1400	
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	1100	
91-94-1	3,3´-Dichlorobenzidine	36	J
56-55-3	Benzo(a)anthracene	1200	
218-01-9	Chrysene	1300	
117-81-7	Bis(2-ethylhexyl)phthalate	1100	
117-84-0	Di-n-octylphthalate	1500	
205-99-2	Benzo(b)fluoranthene	1600	
207-08-9	Benzo(k)fluoranthene	1900	
50-32-8	Benzo(a)pyrene	1400	
193-39-5	Indeno(1,2,3-cd)pyrene	1400	
53-70-3	Dibenzo(a,h)anthracene	1500	
191-24-2	Benzo(g,h,i)perylene	1300	

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BCKFL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: J0337-01A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E5F5807F.D/E5F5807R.D

% Moisture: 10 Decanted: (Y/N) N Date Received: 03/03/2010

Extraction: (Type) SONC Date Extracted: 03/03/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/08/2010

Injection Volume: 1.0 (uL) GPC Factor: 2.00 Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4´-DDE	3.6	U
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4´-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4´-DDT	3.6	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49580(1)

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL   Lab Sample ID: LCS-49580

Sample wt/vol: 30 (g/mL) G   Lab File ID: E5F5804F.D

% Moisture: Decanted: (Y/N)   Date Received:

Extraction: (Type) SONC   Date Extracted: 03/03/2010

Concentrated Extract Volume: 5000 (uL)   Date Analyzed: 03/08/2010

Injection Volume: 1.0 (uL) GPC Factor: 2.00   Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y   pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
319-84-6	alpha-BHC	5.8	
319-85-7	beta-BHC	6.2	
319-86-8	delta-BHC	6.5	
58-89-9	gamma-BHC (Lindane)	5.8	
76-44-8	Heptachlor	6.0	
309-00-2	Aldrin	5.7	
1024-57-3	Heptachlor epoxide	6.3	
959-98-8	Endosulfan I	5.1	
60-57-1	Dieldrin	13	
72-55-9	4,4´-DDE	14	
72-20-8	Endrin	13	
33213-65-9	Endosulfan II	12	
72-54-8	4,4´-DDD	14	
1031-07-8	Endosulfan sulfate	15	
50-29-3	4,4´-DDT	13	
72-43-5	Methoxychlor	66	
53494-70-5	Endrin ketone	14	
7421-93-4	Endrin aldehyde	13	
5103-71-9	alpha-Chlordane	6.3	
5103-74-2	gamma-Chlordane	6.3	
8001-35-2	Toxaphene	170	U

1G - FORM I PEST
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49580(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-49580

Sample wt/vol: 30 (g/mL) G Lab File ID: E5F5804R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 03/03/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/08/2010

Injection Volume: 1.0 (uL) GPC Factor: 2.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
319-84-6	alpha-BHC	5.9	
319-85-7	beta-BHC	6.3	
319-86-8	delta-BHC	6.9	
58-89-9	gamma-BHC (Lindane)	6.1	
76-44-8	Heptachlor	6.0	
309-00-2	Aldrin	6.0	
1024-57-3	Heptachlor epoxide	6.4	
959-98-8	Endosulfan I	5.3	
60-57-1	Dieldrin	14	
72-55-9	4,4´-DDE	14	
72-20-8	Endrin	13	
33213-65-9	Endosulfan II	12	
72-54-8	4,4´-DDD	14	
1031-07-8	Endosulfan sulfate	14	
50-29-3	4,4´-DDT	14	
72-43-5	Methoxychlor	71	
53494-70-5	Endrin ketone	14	
7421-93-4	Endrin aldehyde	13	
5103-71-9	alpha-Chlordane	6.5	
5103-74-2	gamma-Chlordane	6.5	
8001-35-2	Toxaphene	170	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49580(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCSD-49580

Sample wt/vol: 30 (g/mL) G Lab File ID: E5F5805F.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 03/03/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/08/2010

Injection Volume: 1.0 (uL) GPC Factor: 2.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
319-84-6	alpha-BHC	5.9	
319-85-7	beta-BHC	6.3	
319-86-8	delta-BHC	6.6	
58-89-9	gamma-BHC (Lindane)	5.9	
76-44-8	Heptachlor	6.1	
309-00-2	Aldrin	5.8	
1024-57-3	Heptachlor epoxide	6.4	
959-98-8	Endosulfan I	5.1	
60-57-1	Dieldrin	14	
72-55-9	4,4´-DDE	14	
72-20-8	Endrin	13	
33213-65-9	Endosulfan II	12	
72-54-8	4,4´-DDD	14	
1031-07-8	Endosulfan sulfate	15	
50-29-3	4,4´-DDT	13	
72-43-5	Methoxychlor	66	
53494-70-5	Endrin ketone	14	
7421-93-4	Endrin aldehyde	13	
5103-71-9	alpha-Chlordane	6.4	
5103-74-2	gamma-Chlordane	6.4	
8001-35-2	Toxaphene	170	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49580(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCSD-49580

Sample wt/vol: 30 (g/mL) G Lab File ID: E5F5805R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 03/03/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/08/2010

Injection Volume: 1.0 (uL) GPC Factor: 2.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
319-84-6	alpha-BHC	6.0	
319-85-7	beta-BHC	6.4	
319-86-8	delta-BHC	7.0	
58-89-9	gamma-BHC (Lindane)	6.2	
76-44-8	Heptachlor	6.1	
309-00-2	Aldrin	6.0	
1024-57-3	Heptachlor epoxide	6.6	
959-98-8	Endosulfan I	5.4	
60-57-1	Dieldrin	14	
72-55-9	4,4´-DDE	14	
72-20-8	Endrin	14	
33213-65-9	Endosulfan II	12	
72-54-8	4,4´-DDD	14	
1031-07-8	Endosulfan sulfate	14	
50-29-3	4,4´-DDT	14	
72-43-5	Methoxychlor	71	
53494-70-5	Endrin ketone	15	
7421-93-4	Endrin aldehyde	13	
5103-71-9	alpha-Chlordane	6.6	
5103-74-2	gamma-Chlordane	6.7	
8001-35-2	Toxaphene	170	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BCKFL

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL   Lab Sample ID: J0337-01A

Sample wt/vol: 30.5 (g/mL) G   Lab File ID: E3H1022F.D/E3H1022R.D

% Moisture: 10   Decanted: (Y/N) N   Date Received: 03/03/2010

Extraction: (Type) SONC   Date Extracted: 03/03/2010

Concentrated Extract Volume: 5000 (uL)   Date Analyzed: 03/08/2010

Injection Volume: 1.0 (uL) GPC Factor: 2.00   Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y   pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	36	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49579(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-49579

Sample wt/vol: 30 (g/mL) G Lab File ID: E3H0955F.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 03/03/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/05/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
12674-11-2	Aroclor-1016	120	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	130	

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCS-49579(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-49579

Sample wt/vol: 30 (g/mL) G Lab File ID: E3H0955R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 03/03/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/05/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
12674-11-2	Aroclor-1016	120	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	140	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49579(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCSD-49579

Sample wt/vol: 30 (g/mL) G Lab File ID: E3H0956F.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 03/03/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/05/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
12674-11-2	Aroclor-1016	120	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	130	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49579(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCSD-49579

Sample wt/vol: 30 (g/mL) G Lab File ID: E3H0956R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 03/03/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 03/05/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
12674-11-2	Aroclor-1016	120	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	130	

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BCKFL

Lab Name: Mitkem Laboratories Contract: 209025

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0337

Matrix (soil/water): SOIL Lab Sample ID: J0337-01

Level (low/med): MED Date Received: 03/03/2010

% Solids: 90.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3640			P
7440-36-0	Antimony	0.11	U		P
7440-38-2	Arsenic	2.1			P
7440-39-3	Barium	28.0			P
7440-41-7	Beryllium	0.19			P
7440-43-9	Cadmium	0.079	B		P
7440-70-2	Calcium	70300			P
7440-47-3	Chromium	4.1			P
7440-48-4	Cobalt	3.5			P
7440-50-8	Copper	13.7			P
7439-89-6	Iron	8490			P
7439-92-1	Lead	3.7			P
7439-95-4	Magnesium	7720			P
7439-96-5	Manganese	420			P
7439-97-6	Mercury	0.0055	U		CV
7440-02-0	Nickel	7.5			P
7440-09-7	Potassium	418			P
7782-49-2	Selenium	0.47	U		P
7440-22-4	Silver	0.048	U		P
7440-23-5	Sodium	60.9			P
7440-28-0	Thallium	0.64			P
7440-62-2	Vanadium	6.5			P
7440-66-6	Zinc	27.9			P
57-12-5	Cyanide	0.31	B		CA

Comments:

U.S. EPA - CLP

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LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 209025

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0337

Solid LCS Source:

Aqueous LCS Source:

LCS(D) ID: LCS-49678

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Mercury				0.8	0.8		0.6	0.9	100.0

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 209025

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0337

Solid LCS Source:

Aqueous LCS Source:

LCS(D) ID:
LCS-49688

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Cyanide				5.0	5.4		4	6.0	108.0

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 209025

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0337

Solid LCS Source:

Aqueous LCS Source:

LCS(D) ID:
LCS-49706

Analyte	Aqueous (ug/L) True	Aqueous (ug/L) Found	Aqueous (ug/L) %R	Solid (mg/Kg) True	Solid (mg/Kg) Found	C	Limits		%R
Aluminum				455.0	434.3		364	546.0	95.5
Antimony				22.8	25.9		18.2	27.3	113.6
Arsenic				22.8	22.4		18.2	27.3	98.2
Barium				455.0	439.3		364	546.0	96.5
Beryllium				11.4	11.1		9.1	13.6	97.4
Cadmium				11.4	11.3		9.1	13.6	99.1
Calcium				1135.0	1084.8		908	1362.0	95.6
Chromium				45.5	44.0		36.4	54.6	96.7
Cobalt				113.5	112.0		90.8	136.2	98.7
Copper				56.5	55.1		45.2	67.8	97.5
Iron				227.5	225.7		182	273.0	99.2
Lead				22.8	23.0		18.2	27.3	100.9
Magnesium				1135.0	1085.1		908	1362.0	95.6
Manganese				113.5	113.4		90.8	136.2	99.9
Nickel				113.5	110.8		90.8	136.2	97.6
Potassium				1135.0	1141.8		908	1362.0	100.6
Selenium				22.8	22.1		18.2	27.3	96.9
Silver				56.5	59.3		42.4	67.8	105.0
Sodium				1135.0	1150.4		908	1362.0	101.4
Thallium				22.8	23.0		18.2	27.3	100.9
Vanadium				113.5	110.6		90.8	136.2	97.4
Zinc				113.5	109.8		90.8	136.2	96.7

2D - FORM II VOA-4

SOIL VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Level: (LOW/MED) LOW

	CLIENT SAMPLE NO.	VDMC1 (DBFM) #	VDMC2 (DCE) #	VDMC3 (TOL) #	VDMC4 (BFB) #				TOT OUT
01	LCS-49650	94	96	101	103				0
02	LCSD-49650	93	93	101	102				0
03	MB-49650	98	96	99	102				0
04	BCKFL	94	84	100	101				0

			QC LIMITS
VDMC1	(DBFM)	Dibromofluoromethane	(65-132)
VDMC2	(DCE)	= 1,2-Dichloroethane-d4	(65-128)
VDMC3	(TOL)	= Toluene-d8	(85-115)
VDMC4	(BFB)	= Bromofluorobenzene	(77-111)

Column to be used to flag recovery values

* Values outside of contract required QC limits

SOM_002

SW846

2K - FORM II SV-4

SOIL SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Level: (LOW/MED) LOW

	CLIENT SAMPLE NO.	SDMC1 (NBZ) #	SDMC2 (FBP) #	SDMC3 (TPH) #	SDMC4 (PHL) #	SDMC5 (2FP) #	SDMC6 (TBP) #			TOT OUT
01	MB-49583	88	90	89	89	86	111			0
02	LCS-49583	90	88	88	86	86	112			0
03	LCSD-49583	90	93	89	85	90	110			0
04	BCKFL	70	77	77	62	67	67			0

			QC LIMITS
SDMC1	(NBZ)	= Nitrobenzene-d5	(35-100)
SDMC2	(FBP)	= 2-Fluorobiphenyl	(45-105)
SDMC3	(TPH)	= Terphenyl-d14	(30-125)
SDMC4	(PHL)	= Phenol-d5	(40-100)
SDMC5	(2FP)	= 2-Fluorophenol	(35-105)
SDMC6	(TBP)	= 2,4,6-Tribromophenol	(35-125)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

SOM_002

2P - FORM II PEST-2

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MB-49580	80	83	100	107			0
02	LCS-49580	78	80	98	104			0
03	LCSD-49580	82	87	103	110			0
04	BCKFL	72	74	90	99			0

	QC LIMITS
TCX = Tetrachloro-m-xylene	(14-113)
DCB = Decachlorobiphenyl	(55-130)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

SOM_002

2R - FORM II ARO-2

SOIL AROCLOR SURROGATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MB-49579	69	76	86	84			0
02	LCS-49579	73	79	88	87			0
03	LCSD-49579	84	89	91	89			0
04	BCKFL	71	76	85	84			0

	QC LIMITS
TCX = Tetrachloro-m-xylene	(13-120)
DCB = Decachlorobiphenyl	(60-125)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

SOM_002

SW846

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49650

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Lab Sample ID: LCS-49650   LCS Lot No.:

Date Extracted: 03/07/2010   Date Analyzed (1): 03/07/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Chloromethane	50.0000	0.0000	50.8990	102		50 - 130
Vinyl chloride	50.0000	0.0000	50.3250	101		60 - 125
Bromomethane	50.0000	0.0000	49.3526	99		30 - 160
Chloroethane	50.0000	0.0000	51.4824	103		40 - 155
Trichlorofluoromethane	50.0000	0.0000	50.8552	102		25 - 185
1,1-Dichloroethene	50.0000	0.0000	49.5836	99		65 - 135
Acetone	50.0000	0.0000	31.9411	64		20 - 160
Carbon disulfide	50.0000	0.0000	51.5976	103		45 - 160
Methylene chloride	50.0000	0.0000	52.8141	106		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	50.5822	101		65 - 135
Methyl tert-butyl ether	50.0000	0.0000	52.6292	105		75 - 126
1,1-Dichloroethane	50.0000	0.0000	52.4474	105		75 - 125
Vinyl acetate	50.0000	0.0000	52.2920	105		65 - 138
2-Butanone	50.0000	0.0000	41.4454	83		30 - 160
cis-1,2-Dichloroethene	50.0000	0.0000	52.6279	105		65 - 125
Chloroform	50.0000	0.0000	52.2313	104		70 - 125
1,1,1-Trichloroethane	50.0000	0.0000	51.7862	104		70 - 135
Carbon tetrachloride	50.0000	0.0000	50.7147	101		65 - 135
1,2-Dichloroethane	50.0000	0.0000	52.3042	105		70 - 135
Benzene	50.0000	0.0000	53.0740	106		75 - 125
Trichloroethene	50.0000	0.0000	51.3969	103		75 - 125
1,2-Dichloropropane	50.0000	0.0000	54.1255	108		70 - 120
Bromodichloromethane	50.0000	0.0000	54.7292	109		70 - 130
cis-1,3-Dichloropropene	50.0000	0.0000	53.5413	107		70 - 125
4-Methyl-2-pentanone	50.0000	0.0000	54.4410	109		45 - 145
Toluene	50.0000	0.0000	56.1778	112		70 - 125
trans-1,3-Dichloropropene	50.0000	0.0000	54.6023	109		65 - 125
1,1,2-Trichloroethane	50.0000	0.0000	54.3178	109		60 - 125
Tetrachloroethene	50.0000	0.0000	54.0872	108		65 - 140
2-Hexanone	50.0000	0.0000	46.8596	94		45 - 145
Dibromochloromethane	50.0000	0.0000	55.7471	111		65 - 130
Chlorobenzene	50.0000	0.0000	57.3973	115		75 - 125
Ethylbenzene	50.0000	0.0000	55.6851	111		75 - 125
m,p-Xylene	100.0000	0.0000	109.3887	109		80 - 125
o-Xylene	50.0000	0.0000	55.8265	112		75 - 125
Xylene (Total)	150.0000	0.0000	165.2152	110		83 - 125
Styrene	50.0000	0.0000	56.7271	113		75 - 125
Bromoform	50.0000	0.0000	57.6424	115		55 - 135
Isopropylbenzene	50.0000	0.0000	55.3508	111		75 - 130
1,1,2,2-Tetrachloroethane	50.0000	0.0000	54.9011	110		55 - 130
n-Propylbenzene	50.0000	0.0000	54.0639	108		65 - 135
1,3,5-Trimethylbenzene	50.0000	0.0000	55.2962	111		65 - 135
tert-Butylbenzene	50.0000	0.0000	54.2031	108		65 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	54.5482	109		65 - 135

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49650

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Lab Sample ID: LCS-49650   LCS Lot No.:

Date Extracted: 03/07/2010   Date Analyzed (1): 03/07/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
sec-Butylbenzene	50.0000	0.0000	53.8755	108		65 - 130
4-Isopropyltoluene	50.0000	0.0000	54.9363	110		75 - 135
1,3-Dichlorobenzene	50.0000	0.0000	54.2447	108		70 - 125
1,4-Dichlorobenzene	50.0000	0.0000	55.3945	111		70 - 125
n-Butylbenzene	50.0000	0.0000	54.5322	109		65 - 140
1,2-Dichlorobenzene	50.0000	0.0000	54.7592	110		75 - 120
Naphthalene	50.0000	0.0000	58.4809	117		40 - 125
2-Chloroethyl vinyl ether	50.0000	0.0000	52.2445	104		70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 52 outside limits

COMMENTS:

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49650

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCSD-49650 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC #		%RPD #		QC LIMITS RPD	QC LIMITS REC.
Chloromethane	50.0000	53.4787	107		5		40	50 - 130
Vinyl chloride	50.0000	53.1432	106		5		40	60 - 125
Bromomethane	50.0000	53.8394	108		9		40	30 - 160
Chloroethane	50.0000	51.7700	104		1		40	40 - 155
Trichlorofluoromethane	50.0000	51.5162	103		1		40	25 - 185
1,1-Dichloroethene	50.0000	50.9521	102		3		40	65 - 135
Acetone	50.0000	35.4237	71		10		40	20 - 160
Carbon disulfide	50.0000	52.4175	105		2		40	45 - 160
Methylene chloride	50.0000	58.2989	117		10		40	55 - 140
trans-1,2-Dichloroethene	50.0000	54.1321	108		7		40	65 - 135
Methyl tert-butyl ether	50.0000	57.1441	114		8		40	75 - 126
1,1-Dichloroethane	50.0000	55.4570	111		6		40	75 - 125
Vinyl acetate	50.0000	56.9377	114		8		40	65 - 138
2-Butanone	50.0000	43.3316	87		5		40	30 - 160
cis-1,2-Dichloroethene	50.0000	55.1307	110		5		40	65 - 125
Chloroform	50.0000	55.3011	111		7		40	70 - 125
1,1,1-Trichloroethane	50.0000	50.9890	102		2		40	70 - 135
Carbon tetrachloride	50.0000	48.3962	97		4		40	65 - 135
1,2-Dichloroethane	50.0000	56.9949	114		8		40	70 - 135
Benzene	50.0000	55.4315	111		5		40	75 - 125
Trichloroethene	50.0000	49.7477	99		4		40	75 - 125
1,2-Dichloropropane	50.0000	56.5167	113		5		40	70 - 120
Bromodichloromethane	50.0000	57.0234	114		4		40	70 - 130
cis-1,3-Dichloropropene	50.0000	56.5397	113		5		40	70 - 125
4-Methyl-2-pentanone	50.0000	61.3230	123		12		40	45 - 145
Toluene	50.0000	52.7897	106		6		40	70 - 125
trans-1,3-Dichloropropene	50.0000	56.0830	112		3		40	65 - 125
1,1,2-Trichloroethane	50.0000	60.9775	122		11		40	60 - 125
Tetrachloroethene	50.0000	46.8674	94		14		40	65 - 140
2-Hexanone	50.0000	56.1591	112		17		40	45 - 145
Dibromochloromethane	50.0000	59.7813	120		8		40	65 - 130
Chlorobenzene	50.0000	54.0427	108		6		40	75 - 125
Ethylbenzene	50.0000	48.6001	97		13		40	75 - 125
m,p-Xylene	100.0000	93.8249	94		15		40	80 - 125
o-Xylene	50.0000	48.2705	97		14		40	75 - 125
Xylene (Total)	150.0000	142.0954	95		15		40	83 - 125
Styrene	50.0000	52.6823	105		7		40	75 - 125
Bromoform	50.0000	63.4614	127		10		40	55 - 135
Isopropylbenzene	50.0000	43.8426	88		23		40	75 - 130
1,1,2,2-Tetrachloroethane	50.0000	63.2610	127		14		40	55 - 130
n-Propylbenzene	50.0000	42.0634	84		25		40	65 - 135
1,3,5-Trimethylbenzene	50.0000	42.7890	86		25		40	65 - 135
tert-Butylbenzene	50.0000	43.2637	87		22		40	65 - 130
1,2,4-Trimethylbenzene	50.0000	43.5007	87		22		40	65 - 135
sec-Butylbenzene	50.0000	41.0190	82		27		40	65 - 130
4-Isopropyltoluene	50.0000	41.3252	83		28		40	75 - 135

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49650

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCSD-49650 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
1,3-Dichlorobenzene	50.0000	45.5749	91		17		40	70 - 125
1,4-Dichlorobenzene	50.0000	46.3639	93		18		40	70 - 125
n-Butylbenzene	50.0000	41.5269	83		27		40	65 - 140
1,2-Dichlorobenzene	50.0000	47.3630	95		15		40	75 - 120
Naphthalene	50.0000	50.9343	102		14		40	40 - 125
2-Chloroethyl vinyl ether	50.0000	51.1270	102		2		40	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 52 outside limits

Spike Recovery: 0 out of 52 outside limits

COMMENTS:

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCS-49583 LCS Lot No.:

Date Extracted: 03/04/2010 Date Analyzed (1): 03/09/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Phenol	1667.0000	0.0000	1394.5619	84		40 - 100
Bis(2-chloroethyl)ether	1667.0000	0.0000	1273.5475	76		40 - 105
2-Chlorophenol	1667.0000	0.0000	1385.4729	83		45 - 105
1,3-Dichlorobenzene	1667.0000	0.0000	1269.4962	76		40 - 100
1,4-Dichlorobenzene	1667.0000	0.0000	1299.9125	78		35 - 105
1,2-Dichlorobenzene	1667.0000	0.0000	1329.3320	80		45 - 95
2-Methylphenol	1667.0000	0.0000	1431.1105	86		40 - 105
2,2´-oxybis(1-Chloropropan	1667.0000	0.0000	1255.6228	75		20 - 115
4-Methylphenol	1667.0000	0.0000	1677.8612	101		40 - 105
N-Nitroso-di-n-propylamine	1667.0000	0.0000	1331.4373	80		40 - 115
Hexachloroethane	1667.0000	0.0000	1380.0818	83		35 - 110
Nitrobenzene	1667.0000	0.0000	1430.4933	86		40 - 115
Isophorone	1667.0000	0.0000	1284.6890	77		45 - 110
2-Nitrophenol	1667.0000	0.0000	1528.8642	92		40 - 110
2,4-Dimethylphenol	1667.0000	0.0000	1486.9223	89		30 - 105
2,4-Dichlorophenol	1667.0000	0.0000	1603.3097	96		45 - 110
1,2,4-Trichlorobenzene	1667.0000	0.0000	1665.7520	100		45 - 110
Naphthalene	1667.0000	0.0000	1469.1715	88		40 - 105
4-Chloroaniline	1667.0000	0.0000	103.3654	6	*	10 - 95
Bis(2-chloroethoxy)methane	1667.0000	0.0000	1332.0142	80		45 - 110
Hexachlorobutadiene	1667.0000	0.0000	1753.2413	105		40 - 115
4-Chloro-3-methylphenol	1667.0000	0.0000	1704.1769	102		45 - 115
2-Methylnaphthalene	1667.0000	0.0000	1528.0779	92		45 - 105
Hexachlorocyclopentadiene	1667.0000	0.0000	1638.0690	98		8 - 148
2,4,6-Trichlorophenol	1667.0000	0.0000	1543.0816	93		45 - 110
2,4,5-Trichlorophenol	1667.0000	0.0000	1502.4652	90		50 - 110
2-Chloronaphthalene	1667.0000	0.0000	1304.9460	78		45 - 105
2-Nitroaniline	1667.0000	0.0000	1193.1525	72		45 - 120
Dimethylphthalate	1667.0000	0.0000	1412.0777	85		50 - 110
Acenaphthylene	1667.0000	0.0000	1245.5556	75		45 - 105
2,6-Dinitrotoluene	1667.0000	0.0000	1413.9876	85		50 - 110
3-Nitroaniline	1667.0000	0.0000	190.2036	11	*	25 - 110
Acenaphthene	1667.0000	0.0000	1427.3996	86		45 - 110
2,4-Dinitrophenol	1667.0000	0.0000	1370.4946	82		15 - 130
4-Nitrophenol	1667.0000	0.0000	1437.0200	86		15 - 140
Dibenzofuran	1667.0000	0.0000	1361.3545	82		50 - 105
2,4-Dinitrotoluene	1667.0000	0.0000	1494.2426	90		50 - 115
Diethylphthalate	1667.0000	0.0000	1346.0613	81		50 - 115
4-Chlorophenyl-phenylether	1667.0000	0.0000	1552.8651	93		45 - 110
Fluorene	1667.0000	0.0000	1480.4303	89		50 - 110
4-Nitroaniline	1667.0000	0.0000	460.0496	28	*	35 - 115
4,6-Dinitro-2-methylphenol	1667.0000	0.0000	1330.6467	80		30 - 135
N-Nitrosodiphenylamine	1667.0000	0.0000	1303.3865	78		50 - 115
4-Bromophenyl-phenylether	1667.0000	0.0000	1767.2461	106		45 - 115

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCS-49583 LCS Lot No.:

Date Extracted: 03/04/2010 Date Analyzed (1): 03/09/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Hexachlorobenzene	1667.0000	0.0000	1644.0506	99		45 - 120
Pentachlorophenol	1667.0000	0.0000	1597.7386	96		25 - 120
Phenanthrene	1667.0000	0.0000	1634.2434	98		50 - 110
Anthracene	1667.0000	0.0000	1330.7824	80		55 - 105
Carbazole	1667.0000	0.0000	1400.2799	84		45 - 115
Di-n-butylphthalate	1667.0000	0.0000	1434.2978	86		55 - 110
Fluoranthene	1667.0000	0.0000	1429.1510	86		55 - 115
Pyrene	1667.0000	0.0000	1279.1557	77		45 - 125
Butylbenzylphthalate	1667.0000	0.0000	1064.5840	64		50 - 125
3,3´-Dichlorobenzidine	1667.0000	0.0000	16.6752	1	*	10 - 130
Benzo(a)anthracene	1667.0000	0.0000	1351.1092	81		50 - 110
Chrysene	1667.0000	0.0000	1395.9584	84		55 - 110
Bis(2-ethylhexyl)phthalate	1667.0000	0.0000	1130.8955	68		45 - 125
Di-n-octylphthalate	1667.0000	0.0000	1491.2154	89		40 - 130
Benzo(b)fluoranthene	1667.0000	0.0000	1659.0109	100		45 - 115
Benzo(k)fluoranthene	1667.0000	0.0000	2081.2515	125		45 - 125
Benzo(a)pyrene	1667.0000	0.0000	1447.7711	87		50 - 110
Indeno(1,2,3-cd)pyrene	1667.0000	0.0000	1641.7440	98		40 - 120
Dibenzo(a,h)anthracene	1667.0000	0.0000	1765.6926	106		40 - 125
Benzo(g,h,i)perylene	1667.0000	0.0000	1537.0362	92		40 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 4 out of 64 outside limits

COMMENTS:

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.
LCSD-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCSD-49583 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	1667.0000	1364.4124	82		2		40	40 - 100
Bis(2-chloroethyl)ether	1667.0000	1249.8293	75		1		40	40 - 105
2-Chlorophenol	1667.0000	1408.6865	85		2		40	45 - 105
1,3-Dichlorobenzene	1667.0000	1225.7434	74		3		40	40 - 100
1,4-Dichlorobenzene	1667.0000	1221.1371	73		7		40	35 - 105
1,2-Dichlorobenzene	1667.0000	1298.7572	78		3		40	45 - 95
2-Methylphenol	1667.0000	1403.5609	84		2		40	40 - 105
2,2´-oxybis(1-Chloropropan	1667.0000	1225.1622	73		3		40	20 - 115
4-Methylphenol	1667.0000	1560.3768	94		7		40	40 - 105
N-Nitroso-di-n-propylamine	1667.0000	1323.1725	79		1		40	40 - 115
Hexachloroethane	1667.0000	1321.1873	79		5		40	35 - 110
Nitrobenzene	1667.0000	1347.6073	81		6		40	40 - 115
Isophorone	1667.0000	1344.1906	81		5		40	45 - 110
2-Nitrophenol	1667.0000	1390.8078	83		10		40	40 - 110
2,4-Dimethylphenol	1667.0000	1323.5302	79		12		40	30 - 105
2,4-Dichlorophenol	1667.0000	1573.6332	94		2		40	45 - 110
1,2,4-Trichlorobenzene	1667.0000	1619.7663	97		3		40	45 - 110
Naphthalene	1667.0000	1468.0025	88		0		40	40 - 105
4-Chloroaniline	1667.0000	138.7791	8	*	29		40	10 - 95
Bis(2-chloroethoxy)methane	1667.0000	1316.2575	79		1		40	45 - 110
Hexachlorobutadiene	1667.0000	1801.7496	108		3		40	40 - 115
4-Chloro-3-methylphenol	1667.0000	1613.3435	97		5		40	45 - 115
2-Methylnaphthalene	1667.0000	1533.7191	92		0		40	45 - 105
Hexachlorocyclopentadiene	1667.0000	1817.2740	109		11		40	8 - 148
2,4,6-Trichlorophenol	1667.0000	1537.4045	92		1		40	45 - 110
2,4,5-Trichlorophenol	1667.0000	1567.3230	94		4		40	50 - 110
2-Chloronaphthalene	1667.0000	1415.8370	85		9		40	45 - 105
2-Nitroaniline	1667.0000	1252.1578	75		4		40	45 - 120
Dimethylphthalate	1667.0000	1433.3679	86		1		40	50 - 110
Acenaphthylene	1667.0000	1315.4338	79		5		40	45 - 105
2,6-Dinitrotoluene	1667.0000	1395.0196	84		1		40	50 - 110
3-Nitroaniline	1667.0000	238.9106	14	*	24		40	25 - 110
Acenaphthene	1667.0000	1440.3882	86		0		40	45 - 110
2,4-Dinitrophenol	1667.0000	1464.9852	88		7		40	15 - 130
4-Nitrophenol	1667.0000	1390.5644	83		4		40	15 - 140
Dibenzofuran	1667.0000	1451.1801	87		6		40	50 - 105
2,4-Dinitrotoluene	1667.0000	1556.7156	93		3		40	50 - 115
Diethylphthalate	1667.0000	1338.3527	80		1		40	50 - 115
4-Chlorophenyl-phenylether	1667.0000	1626.7164	98		5		40	45 - 110
Fluorene	1667.0000	1455.3334	87		2		40	50 - 110
4-Nitroaniline	1667.0000	446.2892	27	*	4		40	35 - 115
4,6-Dinitro-2-methylphenol	1667.0000	1284.7835	77		4		40	30 - 135
N-Nitrosodiphenylamine	1667.0000	1364.3462	82		5		40	50 - 115
4-Bromophenyl-phenylether	1667.0000	1747.8149	105		1		40	45 - 115
Hexachlorobenzene	1667.0000	1581.9023	95		4		40	45 - 120
Pentachlorophenol	1667.0000	1533.8560	92		4		40	25 - 120

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.
LCSD-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCSD-49583 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenanthrene	1667.0000	1585.2848	95		3		40	50 - 110
Anthracene	1667.0000	1242.5350	75		6		40	55 - 105
Carbazole	1667.0000	1313.4876	79		6		40	45 - 115
Di-n-butylphthalate	1667.0000	1336.2326	80		7		40	55 - 110
Fluoranthene	1667.0000	1360.0726	82		5		40	55 - 115
Pyrene	1667.0000	1240.8981	74		4		40	45 - 125
Butylbenzylphthalate	1667.0000	1066.1065	64		0		40	50 - 125
3,3´-Dichlorobenzidine	1667.0000	36.1660	2	*	67	*	40	10 - 130
Benzo(a)anthracene	1667.0000	1175.4895	71		13		40	50 - 110
Chrysene	1667.0000	1318.5022	79		6		40	55 - 110
Bis(2-ethylhexyl)phthalate	1667.0000	1090.5739	65		5		40	45 - 125
Di-n-octylphthalate	1667.0000	1499.3986	90		1		40	40 - 130
Benzo(b)fluoranthene	1667.0000	1586.3605	95		5		40	45 - 115
Benzo(k)fluoranthene	1667.0000	1862.8161	112		11		40	45 - 125
Benzo(a)pyrene	1667.0000	1388.3544	83		5		40	50 - 110
Indeno(1,2,3-cd)pyrene	1667.0000	1384.4086	83		17		40	40 - 120
Dibenzo(a,h)anthracene	1667.0000	1459.4152	88		19		40	40 - 125
Benzo(g,h,i)perylene	1667.0000	1278.6611	77		18		40	40 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 64 outside limits

Spike Recovery: 4 out of 64 outside limits

COMMENTS:

3M - FORM III PEST-3
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-49580

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Lab Sample ID: LCS-49580   LCS Lot No.:

Date Extracted: 03/03/2010   Date Analyzed (1): 03/08/2010

Instrument ID (1): E5   GC Column(1): CLPPest   ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC #	QC LIMITS
alpha-BHC	6.6670	5.8034	87	60-125
beta-BHC	6.6670	6.1505	92	60-125
delta-BHC	6.6670	6.4727	97	55-130
gamma-BHC (Lindane)	6.6670	5.8443	88	60-125
Heptachlor	6.6670	5.9573	89	50-140
Aldrin	6.6670	5.7287	86	45-140
Heptachlor epoxide	6.6670	6.3262	95	65-130
Endosulfan I	6.6670	5.0823	76	15-135
Dieldrin	13.3330	13.2273	99	65-125
4,4´-DDE	13.3330	13.5296	101	70-125
Endrin	13.3330	13.0183	98	60-135
Endosulfan II	13.3330	11.8200	89	35-140
4,4´-DDD	13.3330	14.0011	105	30-135
Endosulfan sulfate	13.3330	14.5288	109	60-135
4,4´-DDT	13.3330	13.3340	100	45-140
Methoxychlor	66.6670	65.7639	99	55-145
Endrin ketone	13.3330	13.8920	104	65-135
Endrin aldehyde	13.3330	12.9913	97	35-145
alpha-Chlordane	6.6670	6.2616	94	65-120
gamma-Chlordane	6.6670	6.3259	95	65-125

Instrument ID (2): E5   GC Column(2): CLPPestII   ID: 0.53 (mm)

Date Analyzed (2): 03/08/2010

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC #	QC LIMITS
alpha-BHC	6.6670	5.9161	89	60-125
beta-BHC	6.6670	6.2669	94	60-125
delta-BHC	6.6670	6.9142	104	55-130
gamma-BHC (Lindane)	6.6670	6.0699	91	60-125

COMMENTS:

SOM_002

SW846

3M - FORM III PEST-3
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49580

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCS-49580 LCS Lot No.:

Date Extracted: 03/03/2010 Date Analyzed (1): 03/08/2010

Heptachlor	6.6670	6.0071	90	50-140
Aldrin	6.6670	5.9586	89	45-140
Heptachlor epoxide	6.6670	6.4209	96	65-130
Endosulfan I	6.6670	5.2678	79	15-135
Dieldrin	13.3330	13.5759	102	65-125
4,4´-DDE	13.3330	13.5759	102	70-125
Endrin	13.3330	13.2307	99	60-135
Endosulfan II	13.3330	12.2200	92	35-140
4,4´-DDD	13.3330	14.1110	106	30-135
Endosulfan sulfate	13.3330	14.1112	106	60-135
4,4´-DDT	13.3330	13.9173	104	45-140
Methoxychlor	66.6670	70.9905	106	55-145
Endrin ketone	13.3330	14.4939	109	65-135
Endrin aldehyde	13.3330	13.4578	101	35-145
alpha-Chlordane	6.6670	6.4869	97	65-120
gamma-Chlordane	6.6670	6.5211	98	65-125

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 40 outside limits.

COMMENTS:

SOM_002

SW846

3M - FORM III PEST-3
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCSD-49580

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCSD-49580 LCS Lot No.:

Date Extracted: 03/03/2010 Date Analyzed (1): 03/08/2010

Instrument ID (1): E5 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC #	QC LIMITS
alpha-BHC	6.6670	5.8609	88	60-125
beta-BHC	6.6670	6.2715	94	60-125
delta-BHC	6.6670	6.5982	99	55-130
gamma-BHC (Lindane)	6.6670	5.9482	89	60-125
Heptachlor	6.6670	6.0522	91	50-140
Aldrin	6.6670	5.7565	86	45-140
Heptachlor epoxide	6.6670	6.3831	96	65-130
Endosulfan I	6.6670	5.1494	77	15-135
Dieldrin	13.3330	13.5108	101	65-125
4,4´-DDE	13.3330	13.8691	104	70-125
Endrin	13.3330	13.0912	98	60-135
Endosulfan II	13.3330	11.8766	89	35-140
4,4´-DDD	13.3330	14.1106	106	30-135
Endosulfan sulfate	13.3330	14.5759	109	60-135
4,4´-DDT	13.3330	13.4779	101	45-140
Methoxychlor	66.6670	65.9909	99	55-145
Endrin ketone	13.3330	13.9055	104	65-135
Endrin aldehyde	13.3330	12.8560	96	35-145
alpha-Chlordane	6.6670	6.4443	97	65-120
gamma-Chlordane	6.6670	6.3556	95	65-125

Instrument ID (2): E5 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 03/08/2010

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC #	QC LIMITS
alpha-BHC	6.6670	5.9905	90	60-125
beta-BHC	6.6670	6.3794	96	60-125
delta-BHC	6.6670	7.0495	106	55-130
gamma-BHC (Lindane)	6.6670	6.1705	93	60-125

COMMENTS:

3M - FORM III PEST-3
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCSD-49580

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCSD-49580 LCS Lot No.:

Date Extracted: 03/03/2010 Date Analyzed (1): 03/08/2010

Heptachlor	6.6670	6.1260	92	50-140
Aldrin	6.6670	5.9952	90	45-140
Heptachlor epoxide	6.6670	6.5809	99	65-130
Endosulfan I	6.6670	5.3850	81	15-135
Dieldrin	13.3330	13.8736	104	65-125
4,4´-DDE	13.3330	13.8486	104	70-125
Endrin	13.3330	13.7755	103	60-135
Endosulfan II	13.3330	12.3200	92	35-140
4,4´-DDD	13.3330	14.2287	107	30-135
Endosulfan sulfate	13.3330	14.2323	107	60-135
4,4´-DDT	13.3330	14.0905	106	45-140
Methoxychlor	66.6670	70.5278	106	55-145
Endrin ketone	13.3330	14.5408	109	65-135
Endrin aldehyde	13.3330	13.4575	101	35-145
alpha-Chlordane	6.6670	6.6061	99	65-120
gamma-Chlordane	6.6670	6.6794	100	65-125

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 40 outside limits.

COMMENTS:

3P - FORM III ARO-4
SOIL AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49579

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab Sample ID: LCS-49579 LCS Lot No.:

Date Extracted: 03/03/2010 Date Analyzed (1): 03/05/2010

Instrument ID (1): E3 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC	#	QC LIMITS
Aroclor-1016	133.3330	119.3390	90		40-140
Aroclor-1260	133.3330	131.1908	98		60-130

Instrument ID (2): E3 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 03/05/2010

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC	#	QC LIMITS
Aroclor-1016	133.3330	122.8818	92		40-140
Aroclor-1260	133.3330	135.3487	102		60-130

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits.

COMMENTS:

3P - FORM III ARO-4
SOIL AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCSD-49579

Lab Name: MITKEM LABORATORIES　　Contract:

Lab Code: MITKEM　　Case No.: J0337　　Mod. Ref No.:　　SDG No.: SJ0337

Lab Sample ID: LCSD-49579　　LCS Lot No.:

Date Extracted: 03/03/2010　　Date Analyzed (1): 03/05/2010

Instrument ID (1): E3　　GC Column(1): CLPPest　　ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC	#	QC LIMITS
Aroclor-1016	133.3330	120.5061	90		40-140
Aroclor-1260	133.3330	129.5251	97		60-130

Instrument ID (2): E3　　GC Column(2): CLPPestII　　ID: 0.53 (mm)

Date Analyzed (2): 03/05/2010

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC	#	QC LIMITS
Aroclor-1016	133.3330	123.9492	93		40-140
Aroclor-1260	133.3330	133.5736	100		60-130

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits.

COMMENTS:

SOM_002

SW846

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
MB-49650

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Lab File ID: V5L6530.D   Lab Sample ID: MB-49650

Instrument ID: V5

Matrix: (SOIL/SED/WATER) SOIL   Date Analyzed: 03/07/2010

Level: (TRACE or LOW/MED) LOW   Time Analyzed: 15:32

GC Column: DB-624   ID: 0.25 (mm)   Heated Purge: (Y/N) Y

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-49650	LCS-49650	V5L6527.D	14:06
02	LCSD-49650	LCSD-49650	V5L6528.D	14:34
03	BCKFL	J0337-01B	V5L6533.D	16:57

COMMENTS:

SOM_002

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49650

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL   Lab Sample ID: MB-49650

Sample wt/vol: 5.00 (g/mL) G   Lab File ID: V5L6530.D

Level: (TRACE/LOW/MED) LOW   Date Received:

% Moisture: not dec. 0.0   Date Analyzed: 03/07/2010

GC Column: DB-624   ID: 0.25 (mm)   Dilution Factor: 1.0

Soil Extract Volume: (uL)   Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U

SOM_002   SW846

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49650

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: MB-49650

Sample wt/vol: 5.00 (g/mL) G Lab File ID: V5L6530.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. 0.0 Date Analyzed: 03/07/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 10.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U
110-75-8	2-Chloroethyl vinyl ether	5.0	U

4C - FORM IV SV

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab File ID: S1G2442.D Lab Sample ID: MB-49583

Instrument ID: S1 Date Extracted: 03/04/2010

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 03/09/2010

Level: (LOW/MED) LOW Time Analyzed: 12:38

Extraction: (Type) SONC GPC Cleanup: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS-49583	LCS-49583	S1G2443.D	03/09/2010
02	LCSD-49583	LCSD-49583	S1G2444.D	03/09/2010
03	BCKFL	J0337-01A	S1G2446.D	03/09/2010

COMMENTS:

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: MB-49583

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1G2442.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/04/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/09/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
108-95-2	Phenol	330	U
111-44-4	Bis(2-chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2´-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
111-91-1	Bis(2-chloroethoxy)methane	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	670	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	670	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	670	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	670	U
100-02-7	4-Nitrophenol	670	U
132-64-9	Dibenzofuran	330	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49583

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: MB-49583

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1G2442.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 03/04/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 03/09/2010

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	670	U
534-52-1	4,6-Dinitro-2-methylphenol	670	U
86-30-6	N-Nitrosodiphenylamine	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	670	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3´-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	Bis(2-ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49580

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Lab File ID: E5F5803F.D / E5F5803R.D Lab Sample ID: MB-49580

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 03/03/2010

Sulfur Cleanup: (Y/N) Y GPC Cleanup:(Y/N) Y

Date Analyzed (1): 03/08/2010 Date Analyzed (2): 03/08/2010

Time Analyzed (1): 17:08 Time Analyzed (2): 17:08

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	LCS-49580	LCS-49580	03/08/2010	03/08/2010
02	LCSD-49580	LCSD-49580	03/08/2010	03/08/2010
03	BCKFL	J0337-01A	03/08/2010	03/08/2010

COMMENTS:

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49580

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: MB-49580

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5F5803F.D/E5F5803R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 03/03/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/08/2010

Injection Volume: 1.0 (uL) GPC Factor: 2.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) Y pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4´-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4´-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4´-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U

4F - FORM IV ARO
AROCLOR METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
MB-49579

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Lab File ID: E3H0954F.D / E3H0954R.D   Lab Sample ID: MB-49579

Matrix: (SOIL/SED/WATER) SOIL   Extraction: (Type) SONC   Date Extracted: 03/03/2010

Sulfur Cleanup: (Y/N) Y   GPC Cleanup:(Y/N) N

Acid Cleanup: (Y/N Y

Date Analyzed (1): 03/05/2010   Date Analyzed (2): 03/05/2010

Time Analyzed (1): 15:26   Time Analyzed (2): 15:26

Instrument ID (1): E3   Instrument ID (2): E3

GC Column(1): CLPPest   ID: 0.53 (mm)   GC Column(2): CLPPestII   ID: 0.53 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	LCS-49579	LCS-49579	03/05/2010	03/05/2010
02	LCSD-49579	LCSD-49579	03/05/2010	03/05/2010
03	BCKFL	J0337-01A	03/08/2010	03/08/2010

COMMENTS:

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49579

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

Matrix: (SOIL/SED/WATER) SOIL   Lab Sample ID: MB-49579

Sample wt/vol: 30.0 (g/mL) G   Lab File ID: E3H0954F.D/E3H0954R.D

% Moisture: Decanted: (Y/N)   Date Received:

Extraction: (Type) SONC   Date Extracted: 03/03/2010

Concentrated Extract Volume: 10000 (uL)   Date Analyzed: 03/05/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00   Dilution Factor: 1.0

GPC Cleanup:(Y/N) N   pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/KG	Q
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 209025

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0337

Preparation Blank Matrix (soil/water): SOIL

Method Blank ID: MB-49678

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

FIMS1_100309C

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Mercury	0.056	U	0.056	U	0.056	U	0.056	U	0.005	U	CV

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 209025

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0337

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: MB-49688

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

LACHAT1_100309A

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Cyanide	5.1	B	4.7	B	7.2	B	5.2	B	0.233	B	CA

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 209025

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0337

Preparation Blank Matrix (soil/water): SOIL

Method Blank ID: MB-49706

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

OPTIMA3_100312B

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Potassium	59.0	U	59.0	U	59.0	U			5.022	B	P
Sodium	29.0	U	29.0	U	29.0	U			0.910	U	P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 209025

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0337

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: MB-49706

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

OPTIMA3_100312C

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	12.0	U	12.0	U	12.0	U			3.603	B	P
Antimony	4.2	U	6.3	B	4.2	U			0.245	B	P
Arsenic	3.1	U	3.1	U	3.1	U			0.160	U	P
Barium	2.9	U	2.9	U	2.9	U			0.380	U	P
Beryllium	0.0	B	0.1	B	0.1	B			0.003	B	P
Cadmium	0.5	U	0.5	U	0.5	U			0.013	U	P
Calcium	-215.4	B	87.0	U	-123.4	B	-91.6	B	6.600	U	P
Chromium	0.5	U	0.5	U	0.5	U			0.054	U	P
Cobalt	0.7	U	0.7	U	0.7	U			0.035	U	P
Copper	4.7	U	4.7	U	4.7	U			0.420	U	P
Iron	47.0	U	47.0	U	47.0	U			9.271	B	P
Lead	2.1	U	3.1	B	2.1	U			0.247	B	P
Magnesium	62.0	U	62.0	U	62.0	U			1.989	B	P
Manganese	3.5	U	3.5	U	3.5	U			0.470	U	P
Nickel	0.6	U	0.6	U	0.6	U			0.066	U	P
Selenium	10.0	U	-16.0	B	10.0	U			0.780	U	P
Silver	8.3	B	2.4	U	2.4	U			0.079	U	P
Thallium	5.7	U	5.7	U	5.7	U			0.240	U	P
Vanadium	0.5	B	0.7	B	0.8	B			0.038	U	P
Zinc	7.0	U	7.0	U	7.4	B			0.338	B	P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 209025

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0337

Preparation Blank Matrix (soil/water): Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg):

OPTIMA3_100312C

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium			87.0	U							P

ISM_002 FORM III - IN SW846

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 03/07/2010 03/07/2010

EPA Sample No.(VSTD#####): VSTD050K5 Date Analyzed: 03/07/2010

Lab File ID (Standard): V5L6521.D Time Analyzed: 10:25

Instrument ID: V5 Heated Purge: (Y/N) Y

		IS1 (S1) AREA #	RT #	IS2 (S2) AREA #	RT #	IS3 (S3) AREA #	RT #
	12 HOUR STD	777631	6.382	707112	9.622	311211	12.397
	UPPER LIMIT	1555262	6.882	1414224	10.122	622422	12.897
	LOWER LIMIT	388816	5.882	353556	9.122	155606	11.897
	SAMPLE NO.						
01	LCS-49650	564741	6.371	491939	9.623	235051	12.398
02	LCSD-49650	547625	6.371	479105	9.623	231105	12.398
03	MB-49650	545390	6.373	471013	9.625	229298	12.400
04	BCKFL	559568	6.382	480307	9.633	227473	12.397

IS1 () = Fluorobenzene
IS2 () = Chlorobenzene-d5
IS3 () = 1,4-Dichlorobenzene-d4
AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area
AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area
RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT
RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8C - FORM VIII SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES   Contract:

Lab Code: MITKEM   Case No.: J0337   Mod. Ref No.:   SDG No.: SJ0337

GC Column: Rxi-5sil MS   ID: 0.25 (mm)   Init. Calib. Date(s): 02/09/2010 02/09/2010

EPA Sample No.(SSTD020##): SSTD0501W   Date Analyzed: 03/09/2010

Lab File ID (Standard): S1G2441.D   Time Analyzed: 12:05

Instrument ID: S1

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	132906		3.451		396431		4.618		262621		6.325	
	UPPER LIMIT	265812		3.951		792862		5.118		525242		6.825	
	LOWER LIMIT	66453		2.951		198216		4.118		131311		5.825	
	SAMPLE NO.												
01	MB-49583	148579		3.444		461403		4.621		323056		6.318	
02	LCS-49583	137157		3.451		422645		4.617		299088		6.324	
03	LCSD-49583	149880		3.452		452917		4.618		301685		6.325	
04	BCKFL	141673		3.454		445942		4.621		288907		6.317	

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
AREA UPPER LIMIT = 200% of internal standard area
AREA LOWER LIMIT = 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8D - FORM VIII SV-2

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0337 Mod. Ref No.: SDG No.: SJ0337

EPA Sample No.(SSTD020##): SSTD0501W Date Analyzed: 03/09/2010

Lab File ID (Standard): S1G2441.D Time Analyzed: 12:05

Instrument ID: S1 GC Column: Rxi-5sil MS ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	348501		7.772		358924		10.365		284891		11.726	
	UPPER LIMIT	697002		8.272		717848		10.865		569782		12.226	
	LOWER LIMIT	174251		7.272		179462		9.865		142446		11.226	
	SAMPLE NO.												
01	MB-49583	425909		7.765		435503		10.358		362519		11.719	
02	LCS-49583	371668		7.772		412417		10.365		235053		11.715	
03	LCSD-49583	396555		7.773		434652		10.366		238663		11.716	
04	BCKFL	409327		7.765		407296		10.358		168189		11.708	

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

Report Date:
27-Apr-10 20:29

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

MITKEM
LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC.Featuring HANIBAL TECHNOLOGY

Laboratory Report

LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614

Attn: Dan Noll

Work Order: J0540
Project : LaBella Stand By Ultalife
Project #: ULTRALIFER 209025

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
J0540-01	TOPSOIL	Soil	22-Mar-10 15:00	24-Mar-10 09:48

I attest that the information contained within the report has been reviewed for accuracy and checked against the quaility control requirements for each method. The results relate only to the samples(s) as recevied.

All applicable NELAC or USEPA CLP requirments have been meet.

Mitkem Laboratories is accredited under the National Environmental Laboratory Approval Program (NELAP) and is certified by several States, as well as USEPA and US Department of Defense. The current list of our laboratory approvals and certifications is available on the Certifications page our web site at www.mitkem.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Pennsylvania	68-00520
Rhode Island	LAI00301
Texas	T104704422-08-TX
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-05-030

Authorized by:

Yihai Ding
Laboratory Director

Technical Reviewer's Initials:

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix D

CAMP Air Monitoring Data

Ultralife

7-15-10

Time	Wind Direction	Downwind PID	Downwind Dust	Upwind PID	Upwind Dust
815	N/W	0.0	0.085	0.0	0.030 ↑ baseline
830	"	0.0	0.047	0.0	
845	SE	0.0	0.043		
900	NE.	0.0	0.045		
915	"	0.0	0.039	0.0	0.040
930	"	0.0	0.044	0.0	0.045
945	"	0.0	0.033	0.0	0.038
1000	"	0.0	0.037	0.0	0.091
1015	"	0.0	0.036	0.0	0.068
1030	"	0.0	0.034	0.0	0.034
1045	"	0.0	0.061	0.0	0.041
1100	"	0.0	0.060	0.0	0.042
1115	"	0.0	0.057	0.0	0.038
1130	"	0.0	0.061	0.0	0.032
1145	"	0.0	0.061		
	Lunch Break				
1315	"	0.0	0.048	0.0	0.047
1330	"	0.0	0.046	0.0	0.090
1345	"	0.0	0.075	0.0	0.066
1400	E	0.0	0.085	0.0	0.069
1415	no wind	0.0	0.036	0.0	0.05
1430	"	0.0	0.183		
1445	N	0.0	0.069		0.064
1500	N	0.0	0.057		0.060

Ultralife 7-19-20

Time	Wind Dir	Upwind PID	Upwind Dust	Downwind (@ outfall) PID	Downwind (@ outfall) Dust
845	E	0.0	0.020	0.0	0.038
900	"	~~0.0~~		0.0	0.039
915	"			0.0	0.042
930	"			0.0	0.040
945	"			0.0	0.036
1000	"			0.0	0.037
1015	"			0.0	0.045
1030	"			0.0	0.038
1045	"			0.0	0.023
1100	"			0.0	0.061
1115	"			0.0	0.027
1130	"			0.0	0.031
	Lunch				
1230	"			0.0	0.039
1245	"			0.0	0.038
1300	"			0.0	0.053
1315	"			0.0	0.067
1330	"			0.0	0.055
1345	"			0.0	0.066
1400	"			0.0	0.037
1415	"			0.0	0.027
1430	"			0.0	0.032
1445	"			0.0	0.040

Ultralife

7-20-10

Time	Wind Direction	Upwind PID	Upwind Dust	Downwind PID	Downwind Dust
745	NA	0.0	0.030	0.0	0.036
800	"			0.0	0.032
815	E			0.0	0.040
830	"			0.0	0.038
845	"			0.0	0.026
900	"			0.0	0.035
915	"			0.0	0.023
930	"			0.0	0.071
945	"			0.0	0.030
1000	"			0.0	0.083
1015	"			0.0	0.056
1030	"			0.0	0.029
1045	"			0.0	0.025
1100	"			0.0	0.024
1115	"			0.0	0.042
1130	"			0.0	0.085
1145	"			0.0	0.034
1200	"			0.0	0.031
	Lunch				
1230	"			0.0	0.043
1245	"			0.0	0.037
1300	"			0.0	0.051
1315	"			0.0	0.082
1330	"			0.0	0.051
1345	"			0.0	0.046
1400	"			0.0	0.051
1415	"			0.0	0.046

Ultralife 7-20-10

1430	0.0	0.030
1445	0.0	0.028
1500	0.0	0.041
1515	0.0	0.038
1530	0.0	0.052
1545	0.0	0.048
1600	0.0	0.042

Ultralife 7-21-10

Time	Wind Dir.	Downwind PiD	Downwind Dust	Upwind PiD	Upwind Dust
745	E	0.0	0.071	0.0	0.052
800	"	0.0	0.049		
815	"	0.0	0.050		
830	"	0.0	0.051		
845	"	0.0	0.041		
900	"	0.0	0.039		
915	"	0.0	0.048		

Digging impacted material complete

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix E

Wastewater Disposal Permit
and
Characterization Sampling

Noll, Dan

From: Diggory, John [jdiggory@ulbi.com]
Sent: Thursday, September 16, 2010 4:19 PM
To: Noll, Dan
Subject: Wastewater Discharge
Attachments: Wastewater Discharge Submission.pdf

Dan,

Per your request, here is the response from Lu Engineers, on behalf of the Village of Newark. Also attached is the original discharge request. Discharge of the wastewater started on Wednesday, September 15th.

If you have any questions please feel free to contact me.

Best Regards,

John Diggory, CIH, CSP, CHMM | Director of Environmental, Health and Safety & Manufacturing Manager 9-Volt | Ultralife Corporation | Office 315-359-6329 | Mobile 585-355-9822
jdiggory@ultralifecorp.com | www.ultralifecorp.com

From: Susan Hilton [mailto:sue-hilton@luengineers.com]
Sent: Friday, September 10, 2010 3:35 PM
To: Marino, Richard
Cc: '"Carlton Timerson"'; '"Doug Alaimo"'
Subject: RE: Wastewater

Rick –

Funny you should ask, Corky and I spoke about this right before lunch today. We will allow the discharge of 55 gallons of wastewater per day on Wednesday, Thursday and Friday. The discharge will be limited to those weekdays between the hours of 7am and 4pm. The discharge can be no more than 55 gallons of this wastewater to the sewer in a given day. In your request you indicated that you were going to mix it with the cathode wastewater which is fine, but no more than 55 gallons of the wastewater can be discharged at a time. We don't want three drums of the wastewater discharged to the cathode system and then the wastewater discharged.

Please let us know the date of the first anticipated discharge and let us know when the discharge has ceased.

If you have any questions, please contact me.

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Susan A. Hilton, P.E.
Group Leader - Asbestos, Water and Wastewater
Associate
175 Sully's Trail, Suite 202
Corporate Crossings Office Park
Pittsford, New York 14534

Phone: (585) 385-7417 ext. 256
Fax: (585) 385-3741

ULTRALIFE®

"File Copy"
Mailed 8/5/10

August 4, 2010

Carlton Timerson
Village of Newark – Wastewater Treatment Plant
321 Murray Street
Newark, New York 14513

Dear Mr. Timerson

The purpose of this note is to provide written notification prior to the introduction of any new wastewater or pollutants, as required in Part III, Item 3 of our Industrial User Discharge Permit.

As part of our voluntary clean-up project we have produced a quantity of 14ea - 55 gallon drums of wastewater from the soil runoff.

This wastewater was sampled and tested for the following:
TCLP SVOC, TCLP Metals, TCLP VOC, TCLP SVOC, Pesticides, TAL Metals

We are providing the lab results from the above listed analysis. We would like to obtain approval to discharge this wastewater at a rate of 55 gallons per day through our Cathode Wastewater Discharge to sanitary sewer.

Should you have any questions, or require further information, please do not hesitate to contact me.

Sincerely,

Richard Marino
Facilities & Environmental Manager

cc: John Diggory, Ultralife Corporation
Sue Hilton, Lu Engineers

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

LaBella Associates

For Lab Project # 10-3021
Issued July 30, 2010
This report contains a total of 8 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

179 Lake Avenue · Rochester, NY 14608 · (585) 647-2530 · Fax (585) 647-3311 · ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TCLP RCRA METALS ANALYSIS

Client: LaBella Associates

Client Job Site: Ultralife

Client Job No.: 209025

Field Location: Staged Soil C-1 through C-5
Field ID No.: N/A

Lab Project No.: 10-3021
Lab Sample No.: 10055

Sample Type: TCLP Extract

Date Sampled: 07/22/2010
Date Received: 07/23/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
Arsenic	07/28/2010	SW846 6010	<0.100	5.0
Barium	07/28/2010	SW846 6010	1.63	100
Cadmium	07/28/2010	SW846 6010	<0.025	1.0
Chromium	07/28/2010	SW846 6010	<0.050	5.0
Lead	07/28/2010	SW846 6010	<0.100	5.0
Mercury	07/26/2010	SW846 7470	<0.0020	0.2
Selenium	07/28/2010	SW846 6010	<0.100	1.0
Silver	07/28/2010	SW846 6010	<0.050	5.0

ELAP ID No.:10958

Comments:

Approved By: Val M. Matri for
Bruce Hoogesteger, Technical Director

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File ID:103021.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN WATERS

Client: LaBella Associates

Client Job Site: Ultralife

Client Job No.: 209025

Field Location: Wastewater
Field ID No.: N/A

Lab Project No.: 10-3021
Lab Sample No.: 10056

Sample Type: Water

Date Sampled: 07/22/2010
Date Received: 07/23/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Aluminum	07/28/2010	EPA 200.7	0.244
Antimony	07/28/2010	EPA 200.7	<0.060
Arsenic	07/28/2010	EPA 200.7	0.011
Barium	07/28/2010	EPA 200.7	0.253
Beryllium	07/28/2010	EPA 200.7	<0.005
Cadmium	07/28/2010	EPA 200.7	<0.005
Calcium	07/28/2010	EPA 200.7	160
Chromium	07/28/2010	EPA 200.7	<0.010
Cobalt	07/28/2010	EPA 200.7	<0.010
Copper	07/28/2010	EPA 200.7	0.036
Iron	07/28/2010	EPA 200.7	2.53
Lead	07/28/2010	EPA 200.7	<0.005
Magnesium	07/28/2010	EPA 200.7	37.7
Manganese	07/29/2010	EPA 200.7	13.0
Mercury	07/26/2010	EPA 245.1	<0.0002
Nickel	07/28/2010	EPA 200.7	<0.040
Potassium	07/30/2010	EPA 200.7	14.3
Selenium	07/28/2010	EPA 200.7	<0.005
Silver	07/28/2010	EPA 200.7	<0.010
Sodium	07/30/2010	EPA 200.7	81.1
Thallium	07/28/2010	EPA 200.7	<0.006
Vanadium	07/28/2010	EPA 200.7	<0.010
Zinc	07/28/2010	EPA 200.7	0.133

ELAP ID No.:10958

Comments:

Approved By: Val Martin for

Bruce Hoogesteger, Technical Director

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File ID:103021.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Non-potable Water

Client: LaBella Associates

Client Job Site:	Ultralife	**Lab Project Number:**	10-3021
		Lab Sample Number:	10056
Client Job Number:	209025		
Field Location:	Wastewater	**Date Sampled:**	07/22/2010
Field ID Number:	N/A	**Date Received:**	07/23/2010
Sample Type:	Water	**Date Analyzed:**	07/28/2010

Pesticide Identification	Results in ug / L
Aldrin	ND< 0.100
alpha-BHC	ND< 0.100
beta-BHC	ND< 0.100
delta-BHC	ND< 0.100
gamma-BHC	ND< 0.100
alpha-Chlordane	ND< 0.100
gamma-Chlordane	ND< 0.100
4,4'-DDD	ND< 0.100
4,4'-DDE	ND< 0.100
4,4'-DDT	ND< 0.100
Dieldrin	ND< 0.100
Endosulfan I	ND< 0.100
Endosulfan II	ND< 0.100
Endosulfan Sulfate	ND< 0.100
Endrin	ND< 0.100
Endrin Aldehyde	ND< 0.100
Endrin Ketone	ND< 0.100
Heptachlor	ND< 0.100
Heptachlor Epoxide	ND< 0.100
Methoxychlor	ND< 0.100
Toxaphene	ND< 5.00

ELAP Number 10958 Method: EPA 8081

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: [signature]
Bruce Hoogesteger: Technical Director

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103021C1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for TCLP Extract

Client: LaBella Associates

Client Job Site:	Ultralife	**Lab Project Number:**	10-3021
		Lab Sample Number:	10055
Client Job Number:	209025		
Field Location:	Staged Soil C-1 through C-5	**Date Sampled:**	07/22/2010
Field ID Number:	N/A	**Date Received:**	07/23/2010
Sample Type:	TCLP Extract	**Date Analyzed:**	07/27/2010

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	130
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	3000
Nitrobenzene	ND< 40.0	2000
Pyridine	ND< 40.0	5000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958 Method: EPA 8270C Data File: S52175.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi -Volatile Analysis Report for Non-potable Water

Client: LaBella Associates

Client Job Site:	Ultralife	**Lab Project Number:**	10-3021
		Lab Sample Number:	10056
Client Job Number:	209025		
Field Location:	Wastewater	**Date Sampled:**	07/22/2010
Field ID Number:	N/A	**Date Received:**	07/23/2010
Sample Type:	Water	**Date Analyzed:**	07/27/2010

Base / Neutrals	Results in ug / L	Base / Neutrals	Results in ug / L
Acenaphthene	ND< 10.0	Dibenz (a,h) anthracene	ND< 10.0
Anthracene	ND< 10.0	Fluoranthene	ND< 10.0
Benzo (a) anthracene	ND< 10.0	Fluorene	ND< 10.0
Benzo (a) pyrene	ND< 10.0	Indeno (1,2,3-cd) pyrene	ND< 10.0
Benzo (b) fluoranthene	ND< 10.0	Naphthalene	ND< 10.0
Benzo (g,h,i) perylene	ND< 10.0	Phenanthrene	ND< 10.0
Benzo (k) fluoranthene	ND< 10.0	Pyrene	ND< 10.0
Chrysene	ND< 10.0	Acenaphthylene	ND< 10.0
Diethyl phthalate	ND< 10.0	1,2-Dichlorobenzene	ND< 10.0
Dimethyl phthalate	ND< 25.0	1,3-Dichlorobenzene	ND< 10.0
Butylbenzylphthalate	ND< 10.0	1,4-Dichlorobenzene	ND< 10.0
Di-n-butyl phthalate	ND< 10.0	1,2,4-Trichlorobenzene	ND< 10.0
Di-n-octylphthalate	ND< 10.0	Nitrobenzene	ND< 10.0
Bis (2-ethylhexyl) phthalate	ND< 10.0	2,4-Dinitrotoluene	ND< 10.0
2-Chloronaphthalene	ND< 10.0	2,6-Dinitrotoluene	ND< 10.0
Hexachlorobenzene	ND< 10.0	Bis (2-chloroethyl) ether	ND< 10.0
Hexachloroethane	ND< 10.0	Bis (2-chloroisopropyl) ether	ND< 10.0
Hexachlorocyclopentadiene	ND< 10.0	Bis (2-chloroethoxy) methan	ND< 10.0
Hexachlorobutadiene	ND< 10.0	4-Bromophenyl phenyl ether	ND< 10.0
N-Nitroso-di-n-propylamine	ND< 10.0	4-Chlorophenyl phenyl ether	ND< 10.0
N-Nitrosodiphenylamine	ND< 10.0	Benzidine	ND< 25.0
N-Nitrosodimethylamine	ND< 10.0	3,3'-Dichlorobenzidine	ND< 10.0
Isophorone	ND< 10.0	4-Chloroaniline	ND< 10.0
Benzyl alcohol	ND< 25.0	2-Nitroaniline	ND< 25.0
Dibenzofuran	ND< 10.0	3-Nitroaniline	ND< 25.0
2-Methylnapthalene	ND< 10.0	4-Nitroaniline	ND< 25.0

Acids	Results in ug / L	Acids	Results in ug / L
Phenol	ND< 10.0	2-Methylphenol	ND< 10.0
2-Chlorophenol	ND< 10.0	3&4-Methylphenol	ND< 10.0
2,4-Dichlorophenol	ND< 10.0	2,4-Dimethylphenol	ND< 10.0
2,6-Dichlorophenol	ND< 10.0	2-Nitrophenol	ND< 10.0
2,4,5-Trichlorophenol	ND< 25.0	4-Nitrophenol	ND< 25.0
2,4,6-Trichlorophenol	ND< 10.0	2,4-Dinitrophenol	ND< 25.0
Pentachlorophenol	ND< 25.0	4,6-Dinitro-2-methylphenol	ND< 25.0
4-Chloro-3-methylphenol	ND< 10.0	Benzoic acid	ND< 25.0

ELAP Number 10958 Method: EPA 8270C Data File: S52171.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:
Bruce Hoogesteger: Technical Director

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103021S2.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: LaBella Associates

Client Job Site:	Ultralife	**Lab Project Number:**	10-3021
		Lab Sample Number:	10056
Client Job Number:	209025		
Field Location:	Wastewater	**Date Sampled:**	07/22/2010
Field ID Number:	N/A	**Date Received:**	07/23/2010
Sample Type:	Water	**Date Analyzed:**	07/29/2010

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	11.9
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V77113.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:
Bruce Hoogesteger: Technical Director

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103021V1.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:
COMPANY: LaBella Associates	COMPANY: SAME
ADDRESS: 300 State St Suite 201	ADDRESS:
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:
PHONE: FAX:	PHONE: FAX:
ATTN: D. Noll, S. Davis	ATTN:
COMMENTS:	

PROJECT NAME/SITE NAME: Ultralife

LAB PROJECT #: 10-3021
CLIENT PROJECT #: 209025

TURNAROUND TIME: (WORKING DAYS): 1 ☐ 2 ☐ 3 ☐ STD 5 ☑ OTHER ☐

QUOTE #:

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCLP SVOC	TCLP Metals	TCL VOC	TCL SVOC	Pesticides	TAL Metals					REMARKS	PARADIGM LAB SAMPLE NUMBER
1	7-22-10	530		X	Staged Soil C-1 through C-5	Soil	5	X	X									Composite in lab comped 5 to 1 at login. edc 7/23	10055
2	7-22-10	530		X	Wastewater	Water	5			X	X	X	X						10056
3																		trip blank rec'd -	
4																		do not analyze	
5																		per J.D. as per	
6																		S. Davis. (put on hold)	
7																		edf 7/23/10	
8																			
9																			
10																			

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y ☒	N ☐
Preservation: Comments: 1008 - for Cl, ph btwn 5 & 9.	Y ☒	N ☐
Holding Time: Comments:	Y ☒	N ☐
Temperature: Comments: 10°C iced	Y ☐	N ☒

Sampled By	Seth Davis	Date/Time 7/22/10 530
Relinquished By	[signature]	Date/Time 7/23/10 1230
Received By	Jane J. [signature]	Date/Time 7/23/10 1230
Received @ Lab By	Emily [signature]	Date/Time 7/23/10 1345

Total Cost:

P.I.F.

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix F
Project Photo Log

View of a portion of Outfall #1 prior to remedial actions.

View of Outfall #1 from downgradient extent during grubbing.

View of Outfall #1 after grubbing.

View of Outfall #1 sump.

View of Outfall #1 retention area.

View of Outfall #1 during excavation activities.

View of Outfall #1 during excavation

View of Outfall #1 downgradient sediment dam.

View of Outfall #1 staging area.

View of Outfall #1 after restoration.

View of Outfall #1 after restoration.

View of Outfall #1 approximately 1 month after remedial activities.

 View of Outfall #1 approximately 1 month after remedial activities.	 View of Outfall #2 during grubbing.
 View of Outfall #2 downgradient sediment dam prior to remedial activities.	 View of Outfall #2 retention area.
 View of Outfall #2 sump.	 View of Outfall #2 during remedial activities.

View of Outfall #2 during remedial activities.

View of Outfall #2 staging area.

View of jute mesh on bank of Outfall #2 held in place with black locust live stakes.

View of Outfall #2 after restoration.

View of Outfall #2 work area and jute approximately 1 month after remedial activities.

View of Outfall #2 approximately 1 month after remedial activities.

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix G
Sediment Characterization Documentation
and
Disposal Documentation

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

LaBella Associates

For Lab Project # 10-3021
Issued July 30, 2010
This report contains a total of 8 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TCLP RCRA METALS ANALYSIS

Client: LaBella Associates

Client Job Site: Ultralife

Client Job No.: 209025

Field Location: Staged Soil C-1 through C-5
Field ID No.: N/A

Lab Project No.: 10-3021
Lab Sample No.: 10055

Sample Type: TCLP Extract

Date Sampled: 07/22/2010
Date Received: 07/23/2010

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
Arsenic	07/28/2010	SW846 6010	<0.100	5.0
Barium	07/28/2010	SW846 6010	1.63	100
Cadmium	07/28/2010	SW846 6010	<0.025	1.0
Chromium	07/28/2010	SW846 6010	<0.050	5.0
Lead	07/28/2010	SW846 6010	<0.100	5.0
Mercury	07/26/2010	SW846 7470	<0.0020	0.2
Selenium	07/28/2010	SW846 6010	<0.100	1.0
Silver	07/28/2010	SW846 6010	<0.050	5.0

ELAP ID No.:10958

Comments:

Approved By: Val Mahi for
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

File ID:103021.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for TCLP Extract

Client: **LaBella Associates**

Client Job Site:	Ultralife	**Lab Project Number:**	10-3021
		Lab Sample Number:	10055
Client Job Number:	209025		
Field Location:	Staged Soil C-1 through C-5	**Date Sampled:**	07/22/2010
Field ID Number:	N/A	**Date Received:**	07/23/2010
Sample Type:	TCLP Extract	**Date Analyzed:**	07/27/2010

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	130
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	3000
Nitrobenzene	ND< 40.0	2000
Pyridine	ND< 40.0	5000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958 Method: EPA 8270C Data File: S52175.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:
Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

103021S1.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

PROJECT NAME/SITE NAME: Ultralife

REPORT TO:	INVOICE TO:
COMPANY: LaBella Associates	COMPANY:
ADDRESS: 300 State St Suite 201	ADDRESS: SAME
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:
PHONE: FAX:	PHONE: FAX:
ATTN: D. Noll, S. Davis	ATTN:
COMMENTS:	

LAB PROJECT #: 10-3021
CLIENT PROJECT #: 209025

TURNAROUND TIME: (WORKING DAYS): ☐ 1 ☐ 2 ☐ 3 ☑ 5 (STD) ☐ OTHER

QUOTE #:

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCLP SVOC	TCLP Metals	TCL VOC	TCL SVOC	Pesticides	TAL Metals					REMARKS	PARADIGM LAB SAMPLE NUMBER
1	7-22-10	530		X	Staged Soil C-1 through C-5	Soil	5	X	X									Composite in lab	10055
2	7-22-10	530		X	Wastewater	Water	5			X	X	X	X					comped 5 to 1 at login. edc 7/23	10056
3																		trip blank rec'd -	
4																		do not analyze	
5																		per J.D. as per	
6																		S. Davis. (Put on hold)	
7																		edf 7/23/10	
8																			
9																			
10																			

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y ☒	N ☐
Preservation: Comments: 608 - for Cl, ph btwn 5 & 9.	Y ☒	N ☐
Holding Time: Comments:	Y ☒	N ☐
Temperature: Comments: 10°C iced	Y ☐	N ☒

	Date/Time
Sampled By: Seth Davis	7/22/10 530
Relinquished By: [signature]	7/23/10 1230
Received By: [signature]	7/23/10 1230
Received @ Lab By: Emily [signature]	7/23/10 1345

Total Cost:

P.I.F.

WASTE MANAGEMENT

High Acres LF
425 Perinton Pkwy
Fairport, NY, 14450
Ph: (585) 223-6132

Original
Ticket# 798945

Customer Name TRECENVIRONMENTAL-105980NY TR
Ticket Date 08/18/2010
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 25182
Destination
PO
Profile 105980NY (NON HAZ SOIL)
Generator 190-ULTRALIFECORP ULTRA CORPORATION

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 102
Volume
Container
Driver
Check#
Billing # 0005644
Gen EPA ID NOT REQUIRED
Grid CELL 10

	Time	Scale	Operator	Inbound		
In	08/18/2010 10:22:12	A_Scale_1	mmaloney		Gross	107860 lb
Out	08/18/2010 10:37:56	B_Scale_2	sayra		Tare	37280 lb
					Net	70580 lb
					Tons	35.29

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	35.29	Tons				WAY
2	FUEL-Fuel Surcharg	100		%				WAY
3	EVF-P-Standard Env	100		%				WAY

Total Fees
Total Ticket

Driver's Signature Rick

404WM

WASTE MANAGEMENT

High Acres LF
425 Perinton Pkwy
Fairport, NY, 14450
Ph: (585) 223-6132

Original
Ticket# 799032

Customer Name TRECENVIRONMENTAL-105980NY TR Carrier SIL SILVAROLE TRUCKING, INC.
Ticket Date 08/18/2010 Vehicle# 83 Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # 0005644
State Waste Code Gen EPA ID NOT REQUIRED
Manifest 24988 Grid CELL 10
Destination
PO
Profile 105980NY (NON HAZ SOIL)
Generator 190-ULTRALIFECORP ULTRA CORPORATION

	Time	Scale	Operator	Inbound		
In	08/18/2010 13:40:58	A_Scale_1	mmaloney		Gross	83640 lb
Out	08/18/2010 13:57:40	B_Scale_2	mmaloney		Tare	39740 lb
					Net	43900 lb
					Tons	21.95

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	21.95	Tons				WAY
2	FUEL-Fuel Surcharg	100		%				WAY
3	EVF-P-Standard Env	100		%				WAY

Total Fees
Total Ticket

Driver's Signature

404WM

WASTE MANAGEMENT

High Acres LF
425 Perinton Pkwy
Fairport, NY, 14450
Ph: (585) 223-6132

Original
Ticket# 798988

Customer Name TRECENVIRONMENTAL-105980NY TR Carrier SIL SILVAROLE TRUCKING, INC.
Ticket Date 08/18/2010
Vehicle# 102
Volume
Payment Type Credit Account
Container
Manual Ticket#
Driver
Hauling Ticket#
Check#
Route
Billing # 0005644
State Waste Code
Gen EPA ID NOT REQUIRED
Manifest 25183
Grid CELL 10
Destination
PO
Profile 105980NY (NON HAZ SOIL)
Generator 190-ULTRALIFECORP ULTRA CORPORATION

	Time	Scale	Operator	Inbound		
					Gross	95800 lb
In	08/18/2010 12:31:56	A_Scale_1	mmaloney		Tare	37200 lb
Out	08/18/2010 12:46:41	B_Scale_2	jpilgrim		Net	58600 lb
					Tons	29.30

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	29.30	Tons				WAY
2	FUEL-Fuel Surcharg	100		%				WAY
3	EVF-P-Standard Env	100		%				WAY

Total Fees
Total Ticket

Driver's Signature ____________________

404WM

WASTE MANAGEMENT

High Acres LF
425 Perinton Pkwy
Fairport, NY, 14450
Ph: (585) 223-6132

Original
Ticket# 798981

Customer Name TRECENVIRONMENTAL-105980NY TR
Ticket Date 08/18/2010
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 24987
Destination
PO
Profile 105980NY (NON HAZ SOIL)
Generator 190-ULTRALIFECORP ULTRA CORPORATION

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 83
Volume
Container
Driver
Check#
Billing # 0005644
Gen EPA ID NOT REQUIRED
Grid CELL 10

	Time	Scale	Operator	Inbound		
In	08/18/2010 11:52:06	A_Scale_1	mmaloney		Gross	115360 lb
Out	08/18/2010 12:03:17	B_Scale_2	mmaloney		Tare	39820 lb
					Net	75540 lb
					Tons	37.77

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	37.77	Tons				WAY
2	FUEL-Fuel Surcharg	100		%				WAY
3	EVF-P-Standard Env	100		%				WAY

Total Fees
Total Ticket

Driver's Signature ____________________

404WM

WASTE MANAGEMENT

High Acres LF
425 Perinton Pkwy
Fairport, NY, 14450
Ph: (585) 223-6132

Original
Ticket# 798932

Customer Name TRECENVIRONMENTAL-105980NY TR
Ticket Date 08/18/2010
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 24986
Destination
PO
Profile 105980NY (NON HAZ SOIL)
Generator 190-ULTRALIFECORP ULTRA CORPORATION

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 83
Volume
Container
Driver
Check#
Billing # 0005644
Gen EPA ID NOT REQUIRED
Grid CELL 10

	Time	Scale	Operator	Inbound		
In	08/18/2010 09:53:34	A_Scale_1	sayra		Gross	112640 lb
Out	08/18/2010 10:04:37	B_Scale_2	sayra		Tare	39900 lb
					Net	72740 lb
					Tons	36.37

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	36.37	Tons				WAY
2	FUEL-Fuel Surcharg	100		%				WAY
3	EVF-P-Standard Env	100		%				WAY

Total Fees
Total Ticket

Driver's Signature [signature]

404WM

WASTE MANAGEMENT

High Acres LF
425 Perinton Pkwy
Fairport, NY, 14450
Ph: (585) 223-6132

Original
Ticket# 798903

Customer Name TRECENVIRONMENTAL-105980NY TR
Ticket Date 08/18/2010
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 25181
Destination
PO
Profile 105980NY (NON HAZ SOIL)
Generator 190-ULTRALIFECORP ULTRA CORPORATION

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# 102
Volume
Container
Driver
Check#
Billing # 0005644
Gen EPA ID NOT REQUIRED
Grid CELL 10

	Time	Scale	Operator	Inbound		
In	08/18/2010 08:24:12	A_Scale_1	mmaloney		Gross	107620 lb
Out	08/18/2010 08:38:23	B_Scale_2	sayra		Tare	37340 lb
					Net	70280 lb
					Tons	35.14

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	35.14	Tons				WAY
2	FUEL-Fuel Surcharg	100		%				WAY
3	EVF-P-Standard Env	100		%				WAY

Total Fees
Total Ticket

Driver's Signature ________ [signature]

404WM

WM WASTE MANAGEMENT

Generator's Non-hazardous Waste Profile Sheet

Requested Disposal Facility: High Acres Landfill   Profile Number: 105980NY

❑ Renewal for Profile Number: ______   Waste Approval Expiration Date: ______

❑ Check here if there are multiple generating locations for this waste. Attach additional locations.

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: Ultralife Battery / ULTRALIFE CORPORATION
2. Site Address: 2000 Technology Parkway
3. City/ZIP: ______
4. State: NY
5. County: WAYNE
6. Contact Name/Title: Keith Hambley
7. Email Address: khambley@trecenv.com
8. Phone: 585-594-5545   9. FAX: 585-594-5675
10. NAICS Code: 335912
11. Generator USEPA ID #: NYD986969301
12. State ID# (if applicable): ______

B. Customer Information ❑ same as above

P. O. Number: ______

1. Customer Name: TREC Environmental Inc.
2. Billing Address: 1018 Washington St
3. City, State and ZIP: Spencerport, NY, 14559
4. Contact Name: Keith Hambley
5. Contact Email: khambley@trecenv.com
6. Phone: 585-594-5545   FAX: 585-594-5675
7. Transporter Name: Ricelli Trucking
8. Transporter ID # (if appl.): ______
9. Transporter Address: ______
10. City, State and ZIP: ______

C. Waste Stream Information

1. DESCRIPTION
   a. Common Waste Name: Non Hazardous Soil
      State Waste Code(s): ______
   b. Describe Process Generating Waste or Source of Contamination:
      Excavation of stream sediment
   c. Typical Color(s): Brown
   d. Strong Odor? ❑ Yes ☑ No Describe: ______
   e. Physical State at 70°F: ☑ Solid ❑ Liquid ❑ Powder ❑ Semi-Solid or Sludge ❑ Other: ______
   f. Layers? ☑ Single layer ❑ Multi- layer ❑ NA
   g. Water Reactive? ❑ Yes ☑ No If Yes, Describe: ______
   h. Free Liquid Range (%): ______ to ______ ☑ NA(solid)
   i. pH Range: ______ to ______ ☑ NA(solid)
   j. Liquid Flash Point: ❑ < 140°F ❑ 140°- 199°F ❑ ≥ 200°F ☑ NA(solid)
   k. Flammable Solid: ❑ Yes ☑ No
   l. Physical Constituents: List all constituents of waste stream - (e.g. Soil 0-80%, Wood 0-20%): ☑ (See Attached)

Constituents (Total Composition Must be ≥ 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. Poly Liner	0	%	1	%
2. Soil	99	%	100	%
3.				
4.				
5.				
6.				

2. ESTIMATED QUANTITY OF WASTE AND SHIPPING INFORMATION
   a. ☑ One Time Event ❑ Base ❑ Repeat Event
   b. Estimated Annual Quantity: 250 ☑ Tons ❑ Cubic Yards ❑ Drums ❑ Gallons ❑ Other (specify): ______
   c. Shipping Frequency: 1 Units per ❑ Month ❑ Quarter ❑ Year ☑ One Time ❑ Other
   d. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If yes, answer e.) ❑ Yes ☑ No
   e. USDOT Shipping Description (if applicable): ______
3. SAFETY REQUIREMENTS (Handling, PPE, etc.): ______

Generator's Non-hazardous Waste Profile Sheet

105980NY

D. Regulatory Status (Please check appropriate responses)

1. Waste Identification:
   a. Does the waste meet the definition of a USEPA listed or characteristic hazardous waste as defined by 40 CFR Part 261? [ ] Yes [x] No
      1. If yes, please complete a hazardous waste profile.
   b. Does the waste meet the definition of a state hazardous waste other than identified in D.1.a? [ ] Yes [x] No
      1. If yes, please complete a hazardous waste profile.
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation. [ ] Yes [x] No
   - [ ] Delisted Hazardous Waste
   - [ ] Excluded Wastes Under 40CFR 261.4
   - [ ] Treated Hazardous Waste Debris
   - [ ] Treated Characteristic Hazardous Waste
3. Is the waste from a Federal (40 CFR 300, Appendix B) or state mandated clean-up? If yes, see instructions. [ ] Yes [x] No
4. Does the waste represented by this waste profile sheet contain radioactive material? [ ] Yes [x] No
   a. If yes, is disposal regulated by the Nuclear Regulatory Commission? [ ] Yes [ ] No
   b. If yes, is disposal regulated by a State Agency for radioactive waste/NORM? [ ] Yes [ ] No
5. Does the waste represented by this waste profile sheet contain Polychlorinated Biphenyls (PCBs)? [ ] Yes [x] No
   (If yes, list in Chemical Composition - C.1.l)
   a. If yes, are the PCBs regulated by 40 CFR 761? [ ] Yes [ ] No
   b. If yes, is it remediation waste from a project being performed under the Self-Implementing option provided in 40 CFR 761.61(a)? [ ] Yes [ ] No
   c. If yes, were the PCBs imported into the US? [ ] Yes [ ] No
6. Does the waste contain untreated, regulated medical or infectious waste? [ ] Yes [x] No
7. Does the waste contain asbestos? [ ] Yes [x] No
   a. If Yes, [ ] Friable [ ] Non Friable
8. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? [ ] Yes [x] No
   a. If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? [ ] Yes [ ] No

E. Generator Certifcation (Please read and certify by signature below)

By signing this Generator's Waste Profile Sheet, I hereby certify that all:

1. Information submitted in this profile and all attached documents contain true and accurate descriptions of the waste material;
2. Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to WM/the Contractor;
3. Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules; and
4. Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the contractor if applicable).
5. Check all that apply:
   - [x] a. Attached analytical pertains to the waste. Identify laboratory & sample ID #'s and parameters tested: ________ # Pages: ________
   - [ ] b. Only the analysis identified on the attachment pertain to the waste (identify by laboratory & sample ID #'s and parameters tested). Attachment #: ________
   - [ ] c. Additional information necessary to characterize the profiled waste has been attached (other then analytical, such as MSDS). Indicate the number of attached pages: ________
   - [ ] d. I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.

Certification Signature: [signature] Title: DIRECTOR OF EHS

Company Name: ULTRALIFE CORPORATION Name (Print): John Dibgory

Date: Aug. 4, 2010

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix H
Final Investigation
Tables and Figures

Test Pit Soil Analysis Summary – Table 2
Metals, Total Cyanide, and Total Organic Carbon

Ultralife Batteries, Inc.
Newark, New York

Metals	**TP-01 (3.0-3.5 ft.)**	**TP-02 (5.5-6.0 ft.)**	**TP-04 (6.5-7.0 ft.)**	**TP-05 (4.0-4.5 ft.)**	**TP-05 (5.5-6.0 ft.)**	**TP-09 (1.5-2.0 ft.)**	**TP-11 (0.5-1.0 ft.)**	**TP-12 (3.0-3.5 ft.)**	**TP-14 (1.0-1.5 ft.)**	**TP-15 (1.5-2.0 ft.)**	**Recommended Soil Cleanup Objectives**
Aluminum	5,080	3,620	5,170	6,920	6,040	4,640	9,310	5,750	4,180	3,300	SB
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB
Arsenic	4.10	**10.6**	3.50	**9.40**	**17.9**	3.80	**12.2**	**44.7**	3.40	**14.4**	7.5 or SB
Barium	26.0	31.5	30.4	51.4	41.7	26.2	70.3	32.0	23.0	16.6	300 or SB
Beryllium	ND	ND	ND	0.0800	ND	ND	**0.190**	ND	ND	0.0800	0.16 or SB
Cadmium	ND	ND	ND	0.110	ND	ND	ND	ND	ND	ND	1 or SB
Calcium	39,200	45,900	55,200	6,620	2,090	3,380	6,840	3,860	1,840	6,430	SB
Chromium	7.40	5.20	7.60	8.80	8.50	7.60	**12.1**	7.60	8.50	4.70	10 or SB
Cobalt	3.80	3.30	3.90	4.30	3.50	3.90	5.10	4.00	2.70	2.70	30 or SB
Copper	12.7	17.0	14.3	8.60	7.10	6.50	11.8	6.20	3.00	4.20	25 or SB
Iron	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,000 or SB
Lead	7.20	14.5	6.90	32.8	5.80	4.70	18.5	180	9.40	38.8	SB
Magnesium	**13,800**	**14,300**	**23,400**	4,050	1,550	2,050	2,860	2,500	1,560	3,140	SB **
Manganese	343	657	331	453	341	106	736	409	73.0	232	SB
Mercury	ND	0.0100	ND	0.0200	0.0200	ND	0.0900	0.0200	0.0200	ND	0.1
Nickel	7.80	7.70	8.10	6.90	5.30	7.60	8.90	6.60	5.30	4.50	13 or SB
Potassium	1,150	635	1,130	738	678	744	916	668	739	428	SB
Selenium	1.50	1.80	1.30	1.90	1.50	ND	2.00	ND	ND	1.00	2 or SB
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB
Sodium	144	81.0	170	67.3	44.2	174	101	64.5	73.6	40.4	SB
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB
Vanadium	13.5	9.10	13.4	15.1	26.3	13.3	22.3	13.1	14.3	9.00	150 or SB
Zinc	**36.1**	**53.4**	**39.9**	**45.0**	**70.0**	**37.4**	**72.8**	**35.6**	**52.9**	**21.7**	20 or SB
Total Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Total Organic Carbon	ND	1,760	2,040	6,040	2,410	839	19,600	5,880	2,420	1,480	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, B = detected in blank, SB = Site Background, concentrations shown in shaded background indicate detection above laboratory limits, and concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives.
2. Concentrations are expressed in parts per million (ppm) equivalent to mg/kg or mg/L.
3. ** Eastern US Background for Magnesium is 100-5,000 ppm.
4. Samples collected by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).

Test Pit Soil Analytical Summary – Table 2 (Page 1 of 2)
Semi-Volatile Organic Compounds – Method OLM 4.2

Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	Recommended Soil Cleanup Objectives
Acenaphthene	ND	ND	ND	ND	ND	ND	0.120 J	ND	ND	ND	50
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Anthracene	ND	ND	ND	ND	ND	ND	0.240	ND	0.040 J	ND	50
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Benzo (a) Anthracene	ND	ND	ND	ND	0.045 J	ND	**0.500**	ND	ND	ND	0.224
Benzo (a) Pyrene	ND	ND	ND	ND	0.047 J	ND	**0.520**	ND	ND	ND	0.061
Benzo (b) Fluoranthene	ND	ND	ND	ND	ND	ND	0.400 J	ND	ND	ND	1.1
Benzo (g,h,i) Perylene	ND	ND	ND	ND	ND	ND	0.340 J	ND	ND	ND	50
Benzo (k) Fluoranthene	ND	ND	ND	ND	0.048 J	ND	0.400 J	ND	ND	ND	1.1
1,1'- Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Butyl Benzyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Di-N-Butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.1
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Carbazole	ND	ND	ND	ND	ND	ND	0.110 J	ND	ND	ND	-
Indeno (1,2,3-cd) Pyrene	ND	ND	ND	ND	ND	ND	0.290 J	ND	ND	ND	3.2
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.220
Bis (-2-Chloroethoxy) Methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Bis (-2-Chloroethyl) Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8
2,2'- Oxybis (1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Chrysene	ND	ND	ND	ND	0.055	ND	**0.530**	ND	ND	ND	0.4
Dibenz (a,h) Anthracene	ND	ND	ND	ND	ND	ND	**0.086 J**	ND	ND	ND	0.014
Dibenzofuran	ND	ND	ND	ND	ND	ND	0.110	ND	ND	ND	6.2
3,3'- Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
2,4- Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Diethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.1
Dimethyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0
2,4- Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2,4- Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.200
2,4- Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
2,6- Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Bis (2-Ethylhexyl) Phthalate	ND	ND	ND	0.051J	ND	ND	ND	ND	0.055 J	0.055 J	50
Fluoranthene	ND	ND	ND	ND	0.130 J	ND	1.500	ND	ND	ND	50
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50

Test Pit Soil Analytical Summary – Table 2 (Page 2 of 2)
Semi-Volatile Organic Compounds – Method OLM 4.2

Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	RSCO (ppm)
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.40
2- Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.4
4,6- Dinitro-2- Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
4- Chloro-3- Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2- Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.100
4- Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
Naphthalene	ND	ND	ND	ND	ND	ND	0.079 J	ND	ND	ND	13
2- Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.430
3- Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.500
4- Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.200
2- Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.330
4- Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.100
N- Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Di-n-octyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Phenanthrene	ND	ND	ND	ND	0.092 J	ND	1.500	ND	0.140 J	ND	50
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03
4- Bromophenyl- Phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
4- Chlorophenyl- Phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
N- nitroso-di-n- Propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Pyrene	ND	ND	ND	ND	0.110 J	ND	1.100	ND	ND	ND	50
2,4,6- Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2,4,5- Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Total Semi-Volatile Organic Compounds	**ND**	**ND**	**ND**	**0.051J**	**0.527**	**ND**	**7.825**	**ND**	**0.235**	**0.055**	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, J = estimated value, concentrations shown in shaded background indicate detection above laboratory limits, and concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives (RSCO).
2. - = No standard available.
3. Concentrations are expressed in parts per million (ppm) equivalent to mg/kg.
4. Samples collected by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).

Test Pit Soil Analytical Summary – Table 2 (Page 1 of 2)
Volatile Organic Compounds – Method OLM

Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05 D (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	Recommended Soil Cleanup Objectives
Acetone	ND	ND	0.011 J	**0.450 E**	**0.460 D**	0.081	ND	ND	ND	0.0042 J	ND	0.2
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2- Butanone (MEK)	ND	ND	ND	0.110	0.120	0.010	ND	ND	ND	ND	ND	0.3
Methyl Tert- Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Carbon Disulfide	ND	ND	ND	0.00095 J	ND	ND	ND	ND	ND	ND	ND	2.7
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,2- Dibromo-3- Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,2- Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.9
1,4- Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.5
1,3- Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,1- Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
1,2- Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,1- Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Trans-1,2- Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
Cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,2- Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Trans-1,3- Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Cis-1,3- Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5
2- Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Methyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
4- Methyl-2- Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0

Test Pit Soil Analytical Summary – Table 2 (Page 2 of 2)
Volatile Organic Compounds – Method OLM

Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05D (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	Recommended Soil Cleanup Objectives
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,1,2,2- Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4
Toluene	ND	ND	ND	ND	0.0068 J	ND	0.0030 J	0.0034 J	ND	ND	ND	1.5
1,2,4- Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4
1,1,1- Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4
1,1,2- Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,1,2-Trichloro-1,2,2- Trifluoroeth	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
M+P- Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2
O- Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2
Total Volatile Organic Compounds	**ND**	**ND**	**0.011**	**0.56095**	**0.5868**	**0.091**	**0.0030**	**0.0034**	**ND**	**0.0042**	**ND**	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, J = estimated value, E = concentrations exceeded calibration range, D = secondary dilution, concentrations shown in shaded background indicate detection above laboratory limits, and concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives.
2. - = No standards available.
3. Concentrations are expressed in parts per million (ppm) equivalent to Mg/kg.
4. Samples collected by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).

Soil Analytical Summary – Table 2
Pesticides/ PCBs – Method OLM 4.2
Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	Recommended Soil Cleanup Objectives
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.041
Alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11
Beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
Delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
Gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06
Alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54
Gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54
4,4'-DDD	ND	ND	0.0045	ND	ND	ND	ND	ND	0.0076	0.0067	2.9
4,4'-DDE	0.012	ND	0.0086	0.0066	ND	ND	0.013	ND	ND	ND	2.1
4,4'-DDT	0.0073	ND	ND	ND	ND	ND	0.009	ND	ND	ND	2.1
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.044
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
Endosulfan Sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10
Endrin Aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Endrin Ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10
Heptachlor Epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Total Pesticide/PCBs	**0.0193**	**ND**	**0.0131**	**0.0066**	**ND**	**ND**	**0.022**	**ND**	**0.0076**	**0.0067**	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, concentrations shown in shaded background indicate detection above laboratory limits, and concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives.
2. - = No standard available.
3. Concentrations are expressed in parts per million (ppm) equivalent to mg/kg or mg/L.
4. Samples collected by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).

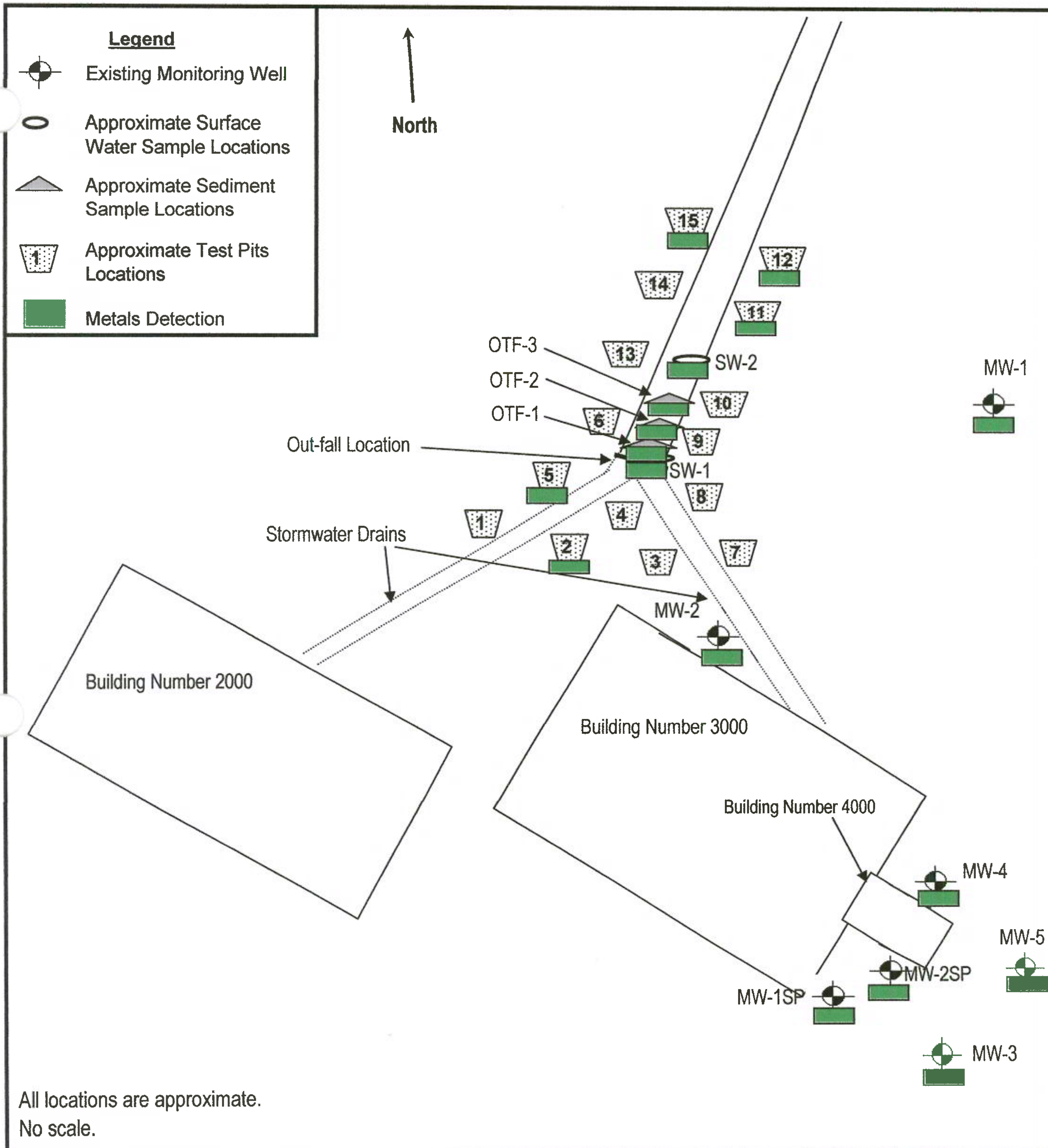
Test Pit Soil Analysis Summary – Table 2
Metals and Total Organic Carbon – Method ILM 4.2

Ultralife Batteries, Inc.
Newark, New York

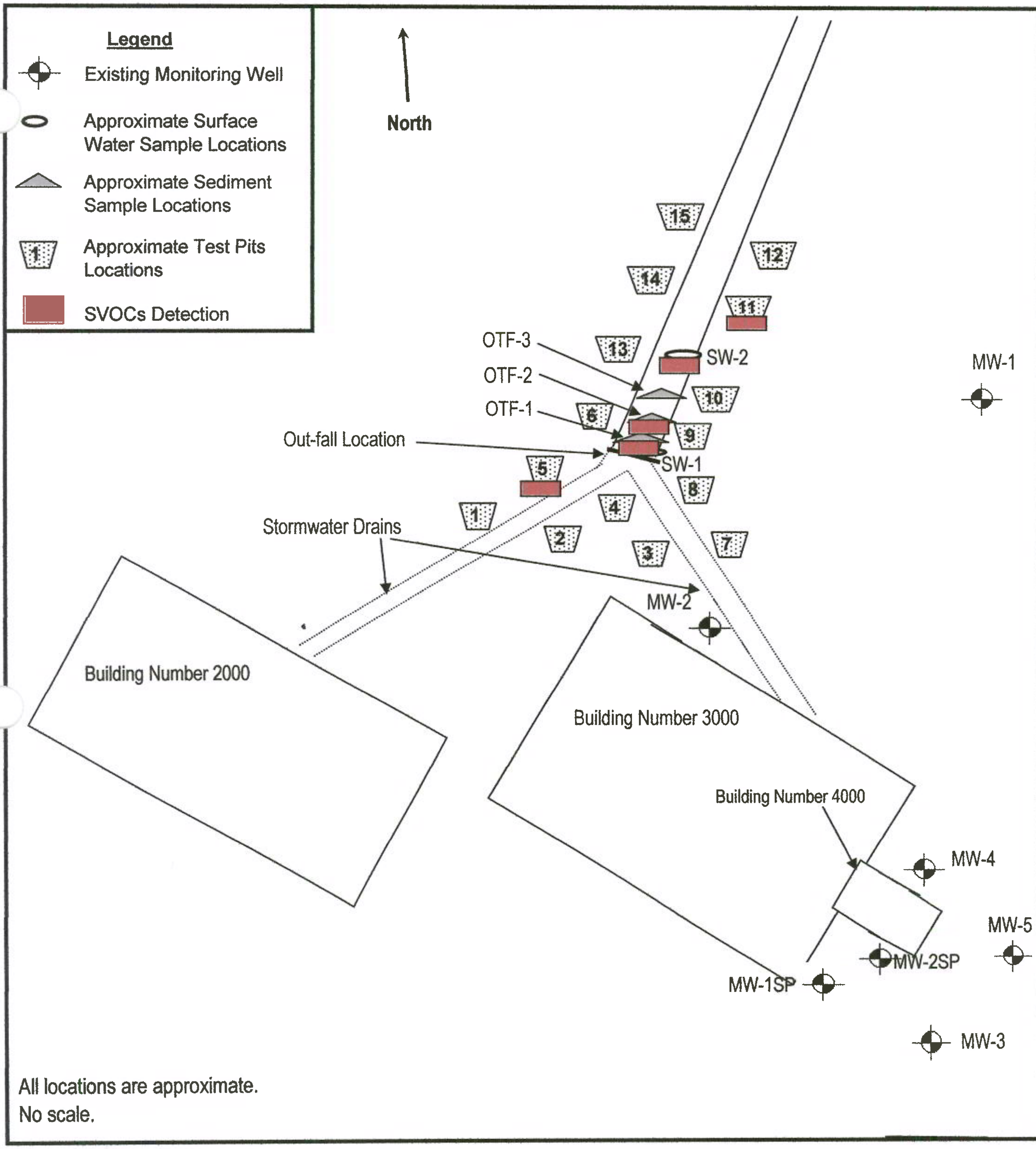
	TP-12 (3.0-3.5 ft.) 11/2005	TP-16 (0.0-0.5 ft.) 5/2007	TP-17 (3.5-4.0 ft.) 5/2007	TP-19 (0.5-1.0 ft.) 5/2007	TP-22 (0.0-0.5 ft.) 5/2007	TP-22 (3.0-3.5 ft.) 5/2007	Recommended Soil Cleanup Objectives (ppm)
Arsenic	**44.7**	6.4	1.3	6.7	**8.3**	1.4	7.5 or SB
Total Organic Carbon	5,880	16,500	804	8,240	18,100	1,260	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, Concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives. Concentrations shaded are above the laboratory detection limits.
2. Concentrations are expressed in parts per million (ppm) equivalent to mg/kg .
3. Sample collected from test pit TP-12 by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).
4. Samples collected from test pits TP-16, TP-17, TP-19, and TP-22 by GeoQuest Environmental, Inc. on May 10, 2007 and analyzed by Columbia Analytical Services.



GeoQuest Environmental, Inc. 1134 Titus Avenue Rochester, NY 14617-2411 Phone: (585) 467-1696 Fax: (585) 266-4269 www.geoquestenvironmental.com	Drawn By: YEP-GeoQuest Environmental, Inc. Checked By: SJD-GeoQuest Environmental, Inc. Status: Final Date: 3/20/2005		**PROJECT TITLE:** Ultralife Batteries, Inc. Newark, New York
	PROJECT NUMBER: GeoQuest Job No. 51605	**DRAWING:** Figure 3	**DRAWING TITLE:** Metals Distribution



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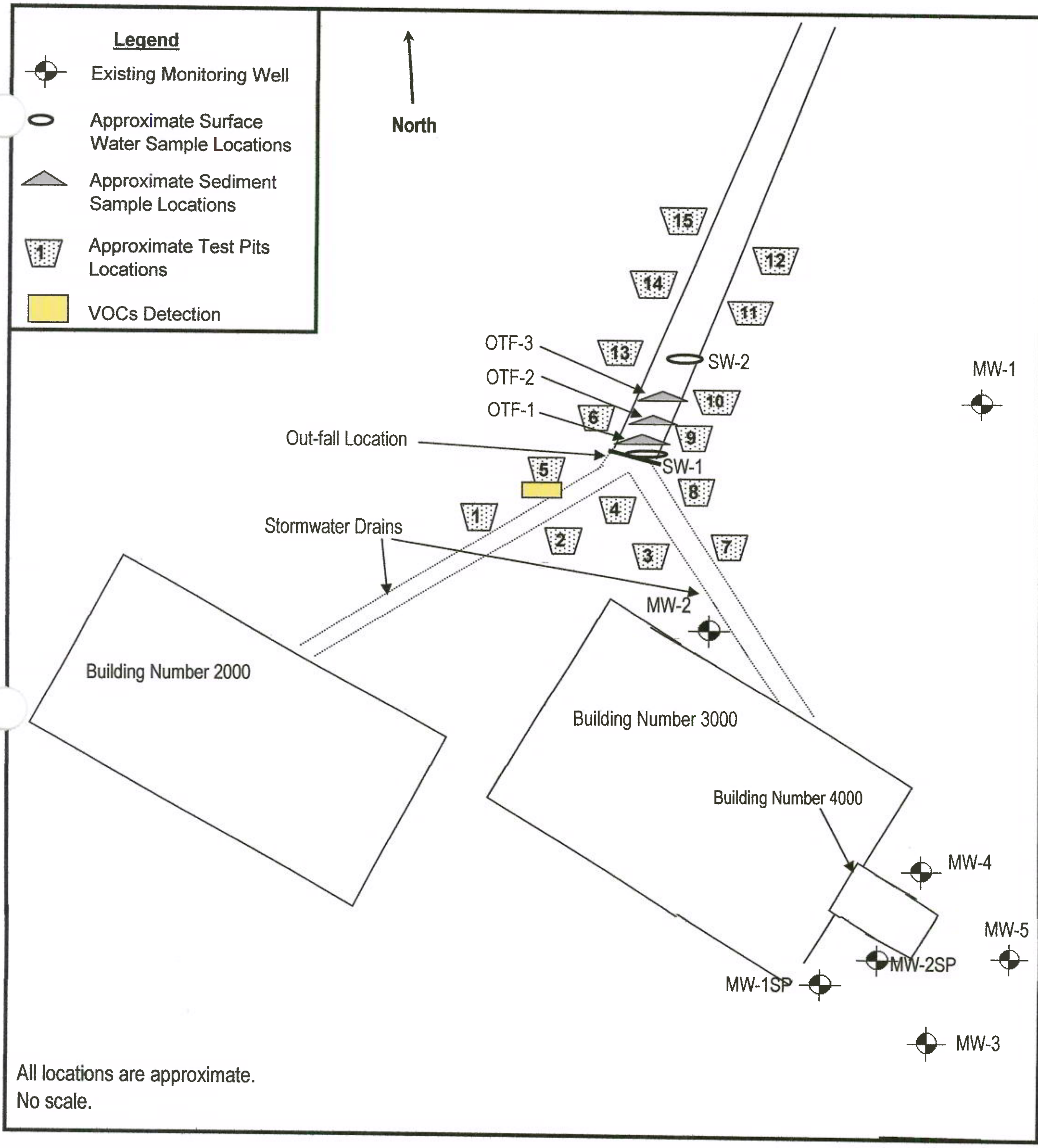
Status: Final
Date: 3/20/2005

PROJECT TITLE:
Ultralife Batteries, Inc.
Newark, New York

PROJECT NUMBER: GeoQuest Job No. 51605

DRAWING: Figure 4

DRAWING TITLE: Semi-Volatile Organics Distribution



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Status: Final
Date: 3/20/2005

PROJECT TITLE:

Ultralife Batteries, Inc.
Newark, New York

PROJECT NUMBER:

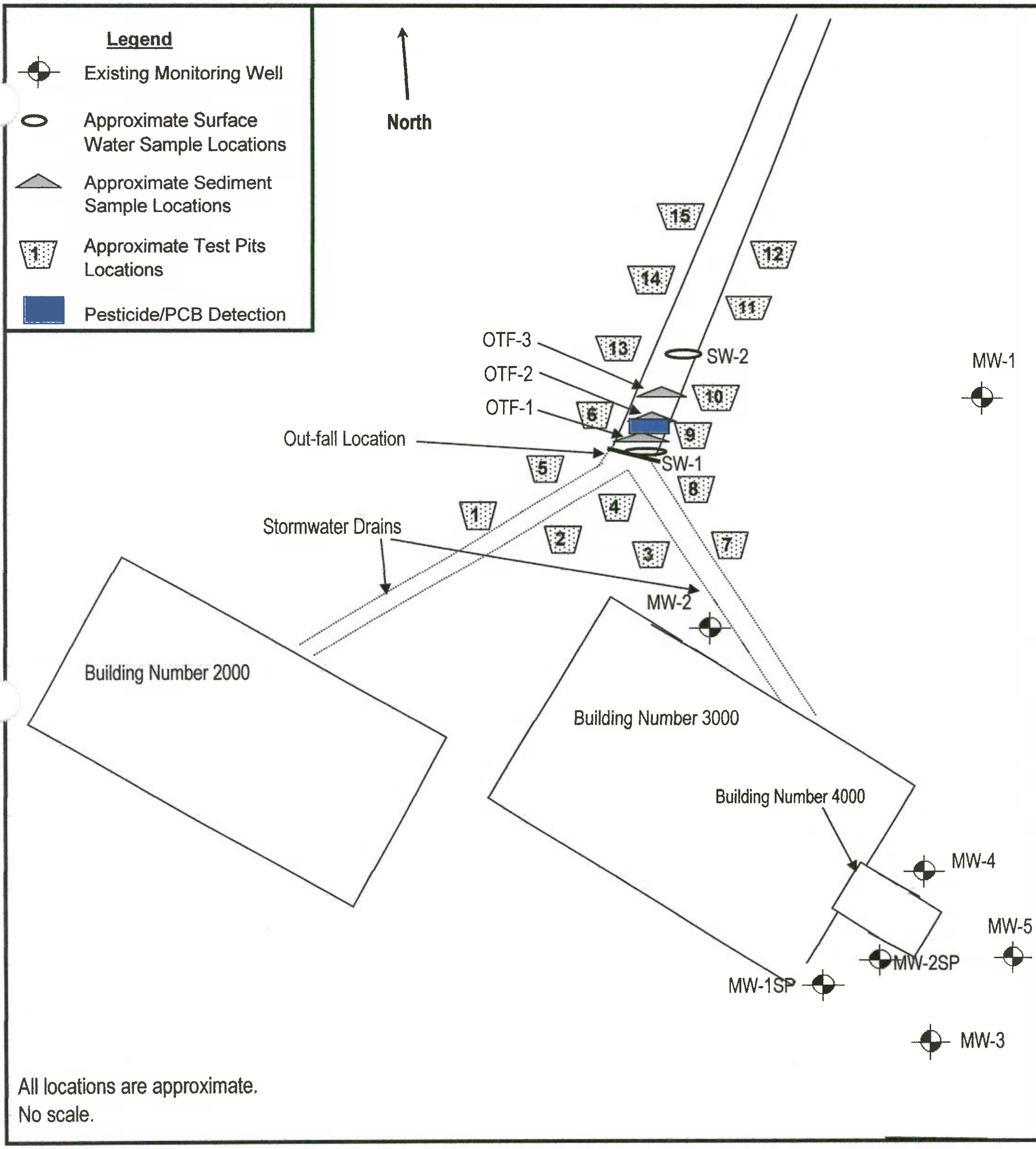
GeoQuest Job No. 51605

DRAWING:

Figure 5

DRAWING TITLE:

Volatile Organics Distribution



GeoQuest Environmental, Inc. 1134 Titus Avenue Rochester, NY 14617-2411 Phone: (585) 467-1696 Fax: (585) 266-4269 www.geoquestenvironmental.com	Drawn By: YEP-GeoQuest Environmental, Inc. Checked By: SJD-GeoQuest Environmental, Inc. Status: Final Date: 3/20/2005	**PROJECT TITLE:** Ultralife Batteries, Inc. Newark, New York
	PROJECT NUMBER: GeoQuest Job No. 51605 / **DRAWING:** Figure 6	**DRAWING TITLE:** Pesticide/PCBs Distribution

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix I
Excavation Work Plan

APPENDIX I – EXCAVATION WORK PLAN

A-1 NOTIFICATION

At least 15 days prior to the start of any activity that is anticipated to extend beyond a depth of 2-feet below the ground surface, the site owner or their representative will notify the Department. Currently, this notification will be made to:

Ms. Charlotte Theobald
Division of Environmental Remediation
NYSDEC, Region 8 Office
6274 East Avon-Lima Road
Avon, New York 14414
cbtheoba@gw.dec.state.ny.us

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent, plans for replacing 2-ft. of clean material over disturbed areas, estimated volumes of soil to be excavated below 2-ft. and where this material will be relocated on-site or disposed of off-site (i.e., permitted disposal facility);
- A summary of environmental conditions anticipated in the work areas, including any known laboratory data for the soils in the area of work, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work (start and completion of all intrusive work);
- A summary of the applicable components of this EWP;
- A statement that the work will be performed in compliance with this EWP and 29 CFR 1910.120;
- A copy of the contractor's health and safety plan, in electronic format, if it differs from the HASP provided in Appendix 6 of this document;
- Identification of disposal facilities for potential waste streams; and

- Identification of sources of any anticipated backfill, along with all required chemical testing results.

A-2 SOIL SCREENING METHODS

Visual, olfactory, and instrument-based soil screening will be performed by a qualified environmental professional during all remedial and development excavations below the 2-foot depth into known or potentially contaminated material (remaining contamination). Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work, after issuance of the Limited Liability Release.

Soils will be segregated based on previous environmental data and screening results into material that requires off-site disposal, material that requires testing, material that can be returned to the subsurface, and material that can be used as cover soil.

A-3 STOCKPILE METHODS

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by NYSDEC.

A-4 MATERIALS EXCAVATION AND LOAD OUT

A qualified environmental professional or person under their supervision will oversee all invasive work beyond 2-ft. in depth and the excavation and load-out of all excavated material.

The owner of the property and its contractors are solely responsible for safe execution of all invasive and other work performed under this Plan.

The presence of utilities and easements on the site will be investigated by the qualified environmental professional. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the site.

Loaded vehicles leaving (if any) the site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYSDOT requirements (and all other applicable transportation requirements).

All outbound trucks will be deconned (washed, brushed off) before leaving the site until the activities performed under this section are complete. The qualified environmental professional will be responsible for ensuring that all outbound trucks are decontaminated (washed, brushed off) before leaving the site.

The qualified environmental professional will also be responsible for ensuring that all locations where vehicles enter or exit the site shall be inspected daily for evidence of off-site soil tracking. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials.

A-5 MATERIALS TRANSPORT OFF-SITE

All transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

All trucks will be decontaminated prior to leaving the site. Truck decontamination material will be collected and disposed of off-site in an appropriate manner in accordance with all applicable local, State, and Federal regulations.

All trucks loaded with site material will exit the vicinity of the site using only these approved truck routes. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off-site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport; (g) community input [where necessary].

Trucks will be prohibited from stopping and idling in the neighborhood outside the project site.

Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials during site remediation and development.

Queuing of trucks will be performed on-site in order to minimize off-site disturbance. Off-site queuing will be prohibited.

A-6 MATERIALS DISPOSAL OFF-SITE

All soil/fill/solid waste excavated and removed from the site will be treated as contaminated and regulated material and will be transported and disposed in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. If disposal of soil/fill from this site is proposed for unregulated off-site disposal (i.e., clean soil removed for development purposes), a formal request with an associated plan will be made to the NYSDEC. Unregulated off-site management of materials from this site will not occur without formal NYSDEC approval.

Off-site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, e.g., hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, C/D recycling facility. Actual disposal quantities and associated documentation will be provided to NYSDEC in the Periodic Review Reports. This documentation will include: waste profiles, test results, facility acceptance letters, manifests, bills of lading, and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-site will be handled, at minimum, as a Municipal Solid Waste per 6NYCRR Part 360-1.2. Material that does not meet Track 1 unrestricted SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility).

A-7 MATERIALS REUSE ON-SITE

A-7.1 SOIL COVER SYSTEM: 0-2 FEET

The soil/fill material that consists of the soil cover (0-2 feet) will be stockpiled and staged separately from the soil/fill material located below the soil cover (greater than 2 feet deep). Soil cover material excavated can be reused as soil cover material as long as there is no evidence of staining, grossly contaminated material, PID readings (greater than 10 ppm above background), or odors. If the cover system soil/fill material has evidence of staining, grossly contaminated material, elevated PID readings or odors then the soil/fill material must be either sampled to determine if it can be placed below the 2 foot soil cover system or it must be containerized and characterized for off-site disposal.

A-7.2 SOIL BELOW THE COVER SYSTEM

Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for re-use on-site will be placed 2.0-feet below the soil cover or impervious surface and will not be reused within the cover soil layer (i.e., within 2-ft. of the surface). Material reused on-site does not require sampling that is placed below the soil cover. If there is evidence that the soil/fill material is impacted (e.g., staining, odors, PID readings, grossly contaminated), sampling will need to be completed to determine if the material can be placed below the soil cover or off-site disposal is needed. Grossly contaminated soil/fill material cannot be returned to the excavation and must be disposed off-site in accordance with all applicable local, State and Federal regulations.

The segregated soil/fill material will be stockpiled on and covered with a minimum of a double layer of 6 mil polyethene sheeting.

The qualified environmental professional will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material does not remain on-site. Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for re-use on-site will be placed below the soil cover layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Any demolition material proposed for reuse on-site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. The crushing or processing of and the reuse of potentially contaminated concrete on the site will not be performed without prior NYSDEC notification and approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the site will be managed in accordance with all applicable local, State, and Federal regulations.

A-8 FLUIDS MANAGEMENT

All liquids to be removed from the site, including excavation dewatering and groundwater monitoring well purge and development waters, will be handled, transported and disposed in accordance with applicable local, State, and Federal regulations. Discharge of water generated during large-scale construction activities to surface waters (i.e., a local pond, stream or river) will be performed under a SPDES permit.

A-9 COVER SYSTEM RESTORATION

After the completion of soil removal and any other invasive activities the cover system will be restored in a manner that complies with the RAWP. If the type of cover system changes from that which exists prior to the excavation (e.g., a soil cover is replaced by asphalt), this will constitute a modification of the cover element of the remedy. A figure showing the modified surface will be included in the subsequent Periodic Review Report and in any updates to the Site Management Plan.

A-10 BACKFILL FROM OFF-SITE SOURCES

All material proposed for import onto the site will be approved by the qualified environmental professional and will be in compliance with the provisions in this SMP prior to receipt at the Site.

Material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated sites will not be imported to the site. All imported soils will meet the backfill and cover soil quality standards established in 6NYCRR 375-6.7(d).

Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this site, will not be imported onto the site without prior approval by NYSDEC. Solid waste will not be imported onto the site.

Trucks entering the site with imported soils will be securely covered with tight fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent wind and precipitation erosion issues.

A-11 STORMWATER POLLUTION PREVENTION

With regard to larger excavations that may be proposed at the Site, procedures for stormwater pollution prevention shall be specified in a project-specific Stormwater Pollution Prevention Plan that conforms to the requirements of NYSDEC Division of Water guidelines and NYS regulations. If not covered in the project-specific Stormwater Pollution Prevention Plan, the following will also apply:

- Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by NYSDEC. All necessary repairs shall be made immediately.

- Accumulated sediments will be removed as required to keep the barrier and hay bale check functional.
- All undercutting or erosion of the silt fence to anchor shall be repaired immediately with appropriate backfill materials.
- Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.
- Erosion and sediment control measures identified in the SMP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.
- Silt fencing or hay bales will be installed around the entire perimeter of the construction area.

A-12 CONTINGENCY PLAN

If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for full list of analytes (TAL metals, TCL volatiles and semi-volatiles, pesticides and PCBS), unless the site history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included in the Periodic Review Reports prepared pursuant to Section 5 of the SMP.

A-13 ODOR CONTROL PLAN

This odor control plan is capable of controlling emissions of nuisance odors off-site [and on-site, if there are residents or tenants on the property]. Specific odor control methods to be used on a routine basis will include limiting the area of open excavations and size of soil stockpiles and covering soil stockpiles. If nuisance odors are identified at the site boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the property owner's Remediation Engineer, and any measures that are implemented will be discussed in the Periodic Review Report.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

A-14 COMMUNITY AIR MONITORING AND FUGITIVE DUST AND PARTICULATE MONITORING PLAN

A copy of the Community Air Monitoring Plan (CAMP) and Fugitive Dust and Particulate Monitoring Plan component of the EWP, obtained from Appendix 1A and 1B of NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010, is included as Appendix 8 of the SMP. The air monitoring station locations will be based on prevailing wind conditions for that day and will be checked throughout the day and adjusted according to the prevailing wind direction. The provisions of the CAMP and the Fugitive Dust and Particulate Monitoring will be followed during all ground-intrusive activities greater than 2-ft. in depth performed at the Site. Exceedances of action levels listed in the CAMP and Fugitive Dust and Particulate Monitoring will be reported to the NYSDEC and NYSDOH Project Managers.

A-15 DUST CONTROL PLAN

Dust will be managed during invasive on-site work and will include, at a minimum, the items listed below:

- Dust suppression will be conducted as needed on roads. Watering trucks will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water truck sprinkling.

A-16 OTHER NUISANCES

A plan for rodent control will be developed and utilized by the contractor prior to and during site clearing and site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise and control ordinances.

LABELLA

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix J
Inspection Log

LABELLA Associates, P.C.	**SITE-WIDE INSPECTION FORM** Project Name: NYSDEC Site No. V00178-8
	Location: Ultralife Corporation, 2000 Technology Parkway, Newark, New York 14513
300 State Street	Project No.: 209025
Rochester, New York 14614	Inspected By:
Phone: (585) 454-6110	Date of Inspection:
Fax: (585) 454-3066	Weather Conditions:

1. COMMNETS ON GENERAL SITE CONDITIONS: ______________________________

____

____

2. CURRENT USE OF SITE: ______________________________________

3. ARE CURRENT SOIL CONDITIONS IN ACCORDANCE WITH THE EXCAVATION WORK PLAN? YES/NO

If No, Explain and indicate actions to be taken: ______________________________

____

4. PHOTOGRAPHS TAKEN OF OUTFALL AREAS? YES/NO

5. SITE RECORDS UP TO DATE? YES/NO

COMMENTS AND/OR ACTIONS TAKEN

____

____

____

____

____

LABELLA

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix K
Deed Restriction

Do Not Detach

Wayne County Clerk's Office
Recording Page

Receipt Number: 11-10640

Declaration Covenants
Instrument Number: R9128382

Date/Time: 06/06/2011 11:51 AM

First OR: ULTRALIFE CORPORATION

First EE: NO GRANTEE

Town: ARCADIA TOWN OF
Town: NEWARK VILLAGE

Pages: 6
Employee Id: md
Serial Number:

Transfer Tax Number:

-FEES-	
Recording and Filing	$70.00
Transfer Tax	$0.00
Basic Tax	
Local Tax	
Additional Tax	
Special Tax	
Withheld	
Total	$70.00
-MORTGAGE TAX-	$0.00
Amount Taxed	
-TRANSFER TAX-	
Consideration Amount	

State of New York
County of Wayne

***** WARNING - This sheet constitutes the Clerks endorsement required by Section 319 of the Real Property Law of the State of New York.**

Wayne County Clerk

*****DO NOT DETACH*****
*****THIS IS NOT A BILL*****

DECLARATION of COVENANTS and RESTRICTIONS

THIS COVENANT is made the 24th day of May, 2011 by Ultralife Corporation (formerly known as Ultralife Batteries, Inc. and hereinafter "Ultralife"), a corporation organized and existing under the laws of the State of Delaware and having an office for the transaction of business at 2000 Technology Parkway (formerly 1350 Route 88 South), Newark, New York 14513.

WHEREAS, Ultralife owns a parcel of real property at 1350 Route 88 South (new address 2000 Technology Parkway) in the Village of Newark, County of Wayne, State of New York, Tax ID Map 14 Parcel 499340 (formerly Tax Map Parcel No. 36110-14-423352.3) (the "Property"), which Property was conveyed by the Wayne County Industrial Development Agency to Ultralife Batteries, Inc, (now known as Ultralife Corporation) by deed dated February 14, 2008 and recorded in the Wayne County Clerk's Office as electronic instrument number R9093873; and

WHEREAS, a portion of the Property is the subject of Voluntary Cleanup Program Agreement No. B8-0537-98-08 ("Voluntary Agreement"), dated January 8, 2001, executed by Ultralife Batteries, Inc. as part of the New York State Department of Environmental Conservation's (the "Department") Voluntary Cleanup Program; the Property and the Voluntary Cleanup Program Site (the "VCP Site") are more particularly described on the survey attached to this Declaration in Appendix "A"; and

WHEREAS, the Department approved a remedy for the VCP Site which is protective of public health and the environment for the Contemplated Use as defined in the Voluntary Agreement and such remedy requires that the Property be subject to certain restrictive covenants.

NOW, THEREFORE, Ultralife, for itself and its successors and/or assigns, covenants that:

First, the VCP Site subject to this Declaration of Covenants and Restrictions is as shown on the survey attached to this Declaration as Appendix "A" ("VCP Site" is identified on the survey) and made a part hereof.

Second, unless prior written approval is first obtained from the Department or, if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "the Relevant Agency", any future construction, use or occupancy at the VCP Site which involves disturbance or excavation below the top two feet of the soil cover system, must be conducted in accordance with the Department approved Site Management Plan (described below).

Third, unless the owner first obtains permission to discontinue such controls from the Department or Relevant Agency, the owner of the VCP Site shall continue in full force and effect this deed restriction, and the engineering controls required for the remedy, and shall comply with the Department approved Site Management Plan ("SMP") (and modifications as approved by the Department or Relevant Agency) which describes the engineering controls required. The SMP is incorporated into this Declaration and made enforceable hereto.

An up-to-date version of the SMP may be obtained from:

Regional Remediation Engineer: or
Region 8
NYS DEC
6274 East Avon-Lima Road
East Avon, NY 14414

Site Control Section
Division of Environmental Remediation
NYS DEC
625 Broadway
Albany, NY 12233

Fourth, the owner of the VCP Site is permitted to use the VCP Site for commercial or industrial purposes but shall be prohibited from using the VCP Site for other purposes without the express written waiver of such prohibition by the Department or Relevant Agency.

Fifth, the owner of the VCP Site shall prohibit the use of the groundwater underlying the VCP Site without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Department or Relevant Agency.

Sixth, the owner of the VCP Site shall allow the Department, its agents, employees, or other representatives of the State to enter and inspect the VCP Site in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

Seventh, the owner of the VCP Site shall submit to the Department an annual written statement by an expert the Department finds acceptable certifying that the controls at the VCP Site are unchanged from the previous certification, or that any changes to the controls were approved by the Department or the Relevant Agency, and that nothing has occurred that would impair the ability of such controls to protect the public health or the environment.

Eighth, this Declaration is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the VCP Site, and shall provide that the owner and its successors and assigns consent to enforcement by the Department or Relevant Agency of the prohibitions and restrictions required to be recorded, and hereby covenant not to contest the authority of the Relevant Agency to seek enforcement.

Ninth, any deed of conveyance of the VCP Site, or any portion thereof, shall recite, unless the Department or Relevant Agency has consented to the termination of such covenants and restrictions, that said conveyance is subject to this Declaration of Covenants and Restrictions.

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

Ultralife Corporation

By: ______________________________
Peter F. Comerford
Secretary

STATE OF NEW YORK)
) ss:
COUNTY OF WAYNE)

On the 24th day of May, in the year 2011, before me the undersigned, personally appeared Peter F. Comerford, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Wanda A. Vanderlee
Notary Public, State of New York

WANDA A. VANDERLEE
Notary Public in the State of New York
Wayne County
Commission Expires December 15, 2014

APPENDIX "A"

REFERENCES

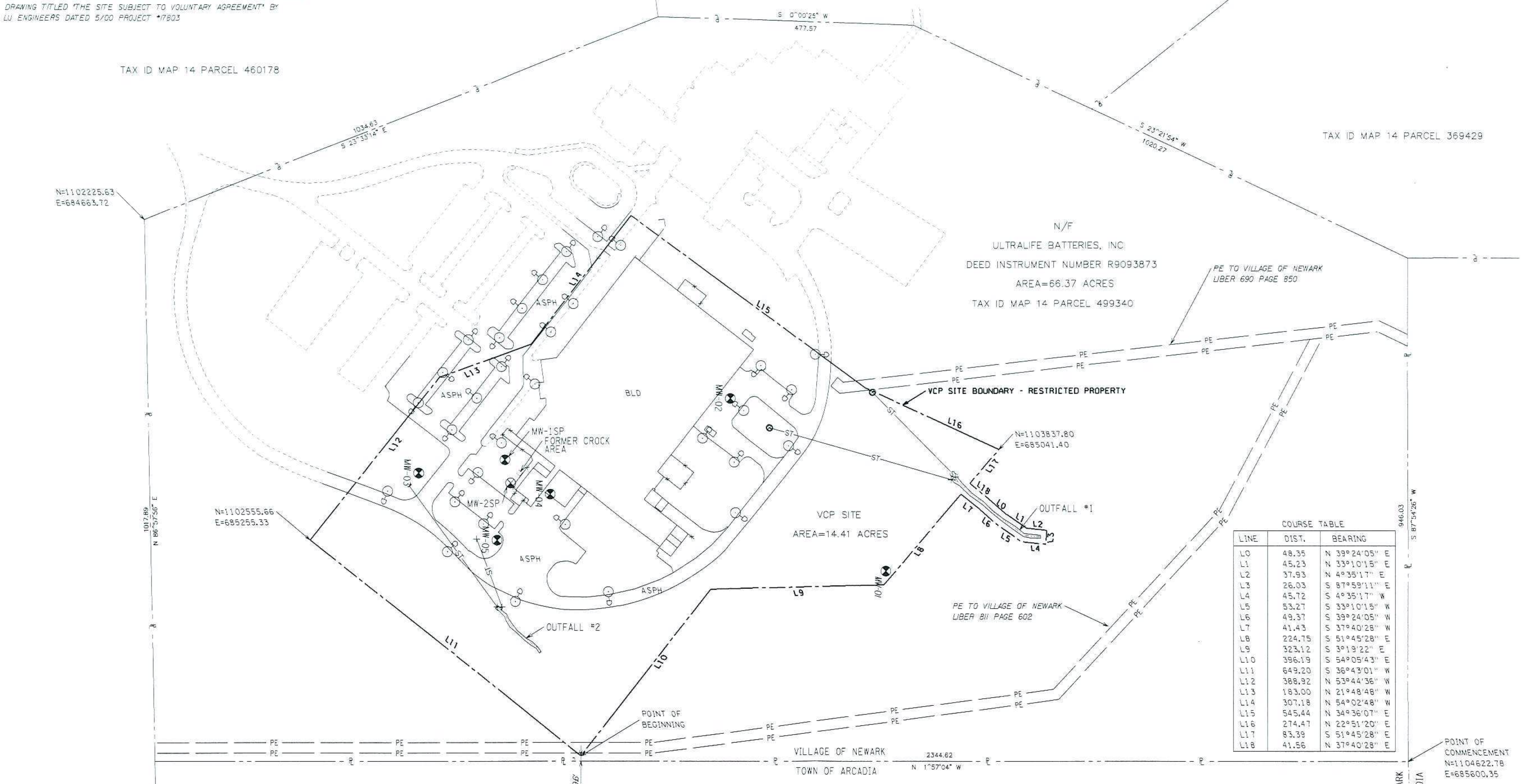
1) VILLAGE OF NEWARK TAX MAP NO. 14 AND 18.
2) DRAWING TITLED 'REAL PROPERTY SUBDIVISION PLAT' BY FISHER ASSOC. DATE 4/00 FILED IN THE COUNTY CLERKS OFFICE AS MAP #27364 AND 27365
3) DRAWING TITLED "PLAN OF LANDS OWNED BY WAYNE COUNTY IDA' BY KOCHER SURVEYING, PC DATE 12-19-05 FILED IN THE COUNTY CLERKS OFFICE AS MAP #27366
3) DRAWING TITLED 'PLAN OF STUART PARK' BY JEFFREY L. DISPENZA DATE FEB 18, 1998 FILED IN THE COUNTY CLERKS OFFICE AS MAP #23387
4) DRAWING TITLED 'THE SITE SUBJECT TO VOLUNTARY AGREEMENT' BY LU ENGINEERS DATED 5/00 PROJECT #17803

SURVEY NOTES

1) THE HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM CENTRAL ZONE NAD 83 (1996).
2) NO ABSTRACT OF TITLE PROVIDED
3) VOLUNTARY AGREEMENT LINE ESTABLISHED BY FIELD SURVEY AND REF # 4
4) SITE FEATURES SHOWN WITH IN THE VOLUNTARY AGREEMENT LINE WERE LOCATED BY AN INSTRUMENT SURVEY, ALL OTHER FEATURES WERE DIGITIZED FROM AERIAL PHOTOGRAPHS.

SITE NOTES

1) THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS DEED RESTRICTION ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@GW.DEC.STATE.NY.US.
2) THE SMP APPLIES TO THE VCP SITE.



COURSE TABLE

LINE	DIST.	BEARING
L0	48.35	N 39°24'05" E
L1	45.23	N 33°10'15" E
L2	37.93	N 4°35'17" E
L3	26.03	S 87°59'11" E
L4	45.72	S 4°35'17" W
L5	53.27	S 33°10'15" W
L6	49.37	S 39°24'05" W
L7	41.43	S 37°40'28" W
L8	224.75	S 51°45'28" E
L9	323.12	S 3°19'22" E
L10	396.19	S 54°05'43" E
L11	649.20	S 36°43'01" W
L12	388.92	N 53°44'36" W
L13	183.00	N 21°48'48" W
L14	307.18	N 54°02'48" W
L15	545.44	N 34°36'07" E
L16	274.47	N 22°51'20" E
L17	83.39	S 51°45'28" E
L18	41.56	N 37°40'28" E

VCP BOUNDARY DESCRIPTION

COMMENCING AT THE NORTHEAST CORNER OF LANDS NOW OR FORMERLY OF ULTRALIFE BATTERIES, INC TAX ID MAP 14 PARCEL 499340, THENCE:
1) SOUTHERLY ALONG THE EASTERLY BOUNDARY OF SAID LANDS A DISTANCE OF 1547.3 FEET TO A POINT, THENCE:
2) WESTERLY ON A LINE PERPENDICULAR TO COURSE 1 A DISTANCE OF 9.6 FEET TO THE POINT OF BEGINNING, THENCE:
3) S 36°43'01" W A DISTANCE OF 649.20 FEET TO A ANGLE POINT, THENCE:
4) N 53°44'36" W A DISTANCE OF 388.92 FEET TO A ANGLE POINT, THENCE:
5) N 21°48'48" W A DISTANCE OF 183.00 FEET TO A ANGLE POINT, THENCE:
6) N 54°02'48" W A DISTANCE OF 307.18 FEET TO A ANGLE POINT, THENCE:
7) N 34°36'07" E A DISTANCE OF 545.44 FEET TO A ANGLE POINT, THENCE:
8) N 22°51'20" E A DISTANCE OF 274.47 FEET TO A ANGLE POINT, THENCE:
9) S 51°45'28" E A DISTANCE OF 83.39 FEET TO A ANGLE POINT, THENCE:
10) N 37°40'28" E A DISTANCE OF 41.56 FEET TO A ANGLE POINT, THENCE:
11) N 39°24'05" E A DISTANCE OF 48.35 FEET TO A ANGLE POINT, THENCE:
12) N 33°10'15" E A DISTANCE OF 45.23 FEET TO A ANGLE POINT, THENCE:
13) N 4°35'17" E A DISTANCE OF 37.93 FEET TO A ANGLE POINT, THENCE:
14) S 87°59'11" E A DISTANCE OF 26.03 FEET TO A ANGLE POINT, THENCE:
15) S 4°35'17" W A DISTANCE OF 45.72 FEET TO A ANGLE POINT, THENCE:
16) S 33°10'15" W A DISTANCE OF 53.27 FEET TO A ANGLE POINT, THENCE:
17) S 39°24'05" W A DISTANCE OF 49.37 FEET TO A ANGLE POINT, THENCE:
18) S 37°40'28" W A DISTANCE OF 41.43 FEET TO A ANGLE POINT, THENCE:
19) S 51°45'28" E A DISTANCE OF 224.75 FEET TO A ANGLE POINT, THENCE:
20) S 3°19'22" E A DISTANCE OF 323.12 FEET TO A ANGLE POINT, THENCE:
21) S 54°05'43" E A DISTANCE OF 396.19 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL CONTAINS 14.41 ACRES (627566 SQ. FT.)

NORTH

0 100 200 300

SCALE: 1"=100'

WE, LABELLA ASSOCIATES PC, CERTIFY THAT THIS MAP WAS PREPARED USING REFERENCE MATERIAL AS LISTED HEREON AND FROM FIELD NOTES OF AN INSTRUMENT SURVEY COMPLETED AUGUST, 2010. THESE PARCELS ARE SUBJECT TO ANY EASEMENTS OR ENCUMBRANCES OF RECORD.

MICHAEL W. HALEY PLS
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VILLAGE OF NEWARK
TOWN OF ARCADIA

1/20/2011 9:33:09 AM SFILES

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ULTRALIFE BATTERIES
REMEDIAL ACTION WORK PLAN

1350 ROUTE 88 SOUTH
NEWARK, NEW YORK

INSTRUMENT SURVEY

MWH
ECH
BWH

AUG. 2010

209025

SURVEY

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix L
Site Management Plan

Stuart Park Complex – Ultralife Battery

VILLAGE OF NEWARK, WAYNE COUNTY, NEW YORK

Site Management Plan

NYSDEC Site Number: V00178-8

Prepared for:
Ultralife Corporation
2000 Technology Parkway
Newark, New York 14513

Prepared by:
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Revisions to Final Approved Site Management Plan:

Revision #	Submitted Date	Summary of Revision	DEC Approval Date

JUNE 2011

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SITE MANAGEMENT PLAN

1.0 INTRODUCTION AND DESCRIPTION OF REMEDIAL PROGRAM

1.1 INTRODUCTION

This document is required as an element of the remedial program at Ultralife Corporation (hereinafter referred to as the "Site") under the New York State (NYS) Voluntary Cleanup Program (VCP) administered by New York State Department of Environmental Conservation (NYSDEC). The site was remediated in accordance with Voluntary Cleanup Agreement (VCA) #V00178-8, which was executed on January 8, 2001.

1.1.1 General

Ultralife Corporation (formerly known as Ultralife Batteries, Inc.), hereinafter referred to as Ultralife, entered into a VCA with the NYSDEC to remediate a 14.24-acre portion of a larger (approximately 67-acre) parcel located in Village of Newark, Wayne County. This VCA required the Remedial Party, Ultralife, to investigate and remediate contaminated media at the site. The original VCP site was 14.24 acres. As part of the remedy implemented at the site the VCP boundaries were expanded to include off-site acreage which increases the VCP site acreage to 14.41 acres. A figure showing the site location and boundaries of the14.41-acre portion of a larger (approximately 67-acre) parcel is provided in Figure 1. The boundaries of the site are more fully described in the metes and bounds site description that is part of the Deed Restriction, which is included in Appendix 9.

After completion of the remedial work described in the Remedial Action Work Plan, some contamination was left in the subsurface at this site, which is hereafter referred to as 'remaining contamination." This Site Management Plan (SMP) was prepared to manage remaining contamination at the site until the Deed Restriction is extinguished in accordance with ECL Article 71, Title 36. All reports associated with the site can be viewed by contacting the NYSDEC or its successor agency managing environmental issues in New York State.

This SMP was prepared by LaBella Associates, P.C. (LaBella), on behalf of Ultralife, in accordance with the requirements in NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, dated May, 2010, and the guidelines provided by NYSDEC. This SMP addresses the means for implementing the Institutional Controls (ICs) and Engineering Controls (ECs) required by the Deed Restriction for the site.

1.1.2 Purpose

The site contains contamination left after completion of the remedial action. Engineering Controls have been incorporated into the site remedy to control exposure to remaining contamination during the use of the site to ensure protection of public health and the environment. A Deed Restriction recorded with the Wayne County Clerk will require compliance with this SMP and all ECs and ICs placed on the site. The ICs place restrictions on site use, and mandate maintenance, monitoring and reporting measures for all ECs and ICs. This SMP specifies the methods necessary to ensure compliance with all ECs and ICs required by the Deed Restriction for contamination that remains at the site. This plan has been approved by the NYSDEC, and compliance with this plan is required by grantor of the Deed Restriction and the grantor's successors and assigns. This SMP may only be revised with the approval of the NYSDEC.

This SMP provides a detailed description of all procedures required to manage remaining contamination at the site after completion of the Remedial Action, including: (1) implementation and management of all Engineering and Institutional Controls; (2) media monitoring; and (3) performance of periodic inspections, certification of results, and submittal of Periodic Review Reports to NYSDEC.

To address these needs, this SMP includes: (1) an Engineering and Institutional Control Plan for implementation and management of EC/ICs; and (2) a Monitoring Plan for implementation of Site Monitoring.

This plan also includes a description of the Periodic Review Reports for periodic submittal of data, information, recommendations, and certifications to NYSDEC.

It is important to note that:

- This SMP details the site-specific implementation procedures that are required by the Deed Restriction. Failure to properly implement the SMP is a violation of the Deed Restriction, which is grounds for revocation of the Limited Liability Release;
- Failure to comply with this SMP is also a violation of Environmental Conservation Law, 6NYCRR Part 375 and the VCA #V00178-8 for the site, and thereby subject to applicable penalties.

1.1.3 Revisions

Revisions to this plan will be proposed in writing to the NYSDEC's project manager. The NYSDEC will provide a notice of any approved changes to the SMP, and append these notices to the SMP that is retained in its files.

1.2 SITE BACKGROUND

1.2.1 Site Location and Description

The site is located in the Village of Newark, Wayne County, New York and is identified as Tax ID Map 14 Parcel 499340. The current VCP Site consists of 14.41-acre portion of a larger (approximate 67-acre) tax parcel that is bounded to the north by vacant/undeveloped land, to the south by Silver Hill Road, to the east by vacant/undeveloped land, and to the west by Route 88. As stated in Section 1.1.1, the original VCP site was 14.24 acres. As part of the remedy implemented at the site the VCP boundaries were expanded to include off-site acreage which increases the VCP site acreage to 14.41 acres. The VCP Site and larger parcel is a manufacturing Site. The VCP Site is improved with one approximate 117,000-square foot building. In addition to the building, property improvements include parking lots, paved access roads, and paved loading/unloading areas. The remainder of the VCP Site consists of grass, landscaped areas, and undeveloped vegetated and wooded land. The facility is located in a zoned industrial park (the Stuart Park Complex) situated in a primarily agricultural/rural and residential area. Figure 2 is an aerial photograph of the Site and illustrates the general Site features.

Storm water runoff from the property (including some roof drains) discharges to two (2) outfalls. Outfall #1 is located on the northern portion of the property and Outfall #2 is located on the eastern portion of the property as shown on Figure 2. Outfall #1 previously received non-contact cooling water; however, the non-contact cooling water consisted only of potable water and was redirected to the sanitary sewer in September 2008. Runoff is directed to the outfalls via a series of on-site catch basins with associated underground conduits, and/or surface channels. Flow from the two (2) outfalls is directed to a wetland area, which eventually joins Marbletown Creek.

1.2.2 Site History

Prior to 1968 the site consisted of undeveloped farm land. The Site was initially developed in 1968 by Sara Coventry as a corporate headquarters and distribution center. In the early 1980's Eastman Kodak purchased the Site and began a battery manufacturing operation. In 1991, Ultralife purchased the manufacturing operations from Eastman Kodak with Eastman Kodak retaining ownership of the facility. In 1998 the facility was purchased by Wayne County Industrial Development Agency (IDA) with Ultralife continuing operations as a tenant.

1.2.3 Geologic Conditions

Five overburden soil deposits were encountered and observed by GeoQuest during test pit explorations that include: Topsoil, a Fill Deposit, a buried Topsoil Deposit, a Lacustrine deposit, and a Glacial Till deposit. The Topsoil Deposit is approximately 0.5-feet to 1-foot thick and overlays the Fill Deposit at the majority of the test pit locations. This topsoil was placed over the Fill Deposit during construction of the facility. The description of the topsoil is dark brown SILT, trace medium to fine sand, with root fibers. The Fill Deposit is generally located below the topsoil and generally overlays the Buried Topsoil Deposit. The Fill Deposit generally consist of approximately 3-feet of light brown gravel, some coarse to fine sand, little silt, trace clay, with root fibers. The Fill deposit appears to be regarded native soils from the Site similar to the glacial till in grain size that was reveled in the test pit explorations. Underlying the Fill deposit is a Buried Topsoil Deposit that may represent the original ground surface. The Buried Topsoil deposit is described as grey to black silt, some fine sand, with root fibers. The buried topsoil is approximately 1-foot thick. Underlying the Buried Topsoil Deposit is a Lacustrine Deposit described as green-grey fine sand, some silt. The lacustrine is approximately 0.5-feet thick. Below the Lacustrine Deposit is the Glacial Till deposit that is very dense and was difficult to excavate. The Glacial Till Deposit is generally described as light brown gravel, some coarse to fine sand, little silt, trace clay. Additional details on the geologic conditions can be found in the Remedial Investigation Report by GeoQuest Environmental, Inc.

The depth to groundwater at the Site ranges from approximately 0.5-feet to 6.55-feet below the ground surface based on the measurements made by GeoQuest. The groundwater flow direction is generally towards the north, based on the Lu Engineers Groundwater contour map dated July 18, 2001. Refer to Appendix 1 that represents the recent groundwater flow direction based on the well survey completed by Parrone Engineering.

1.3 SUMMARY OF REMEDIAL INVESTIGATION FINDINGS

A Remedial Investigation (RI) was performed to characterize the nature and extent of contamination at the site. The results of the RI are described in detail in the following reports:

- *Final Investigation Report (Revised and Amended), Ultralife Batteries, Inc. 2000 Technology Parkway, Newark, New York ID#V00178-8, Volume No. 1.,* dated December, 2008 and prepared by GeoQuest Environmental, Inc., (GeoQuest) 43 Legionnaire Drive, Rochester, New York.

Generally, the RI determined that the nature and extent of contaminants of concern at the Site included:

- Previous underground wastewater storage vault remedial work (see below for details) was effective and no further remediation was recommended.
- Soil types consist of topsoil, fill deposits, buried topsoil, a lacustrine deposit, and a glacial till deposit (no coal or ash was observed within test pits excavated).
- Depth to groundwater varied between 0.5 and 6.55-feet below ground surface (BGS) with groundwater flow direction generally to the north.
- Volatile organic compounds (VOCs) were not detected in photoionization detector (PID) headspace scans.
- Two areas of sediment impacted with polyaromatic hydrocarbons (PAHs) and heavy metals were identified (Outfall #1 and Outfall #2) and the nature and extent of such contaminants were delineated both on and off the defined VCP Site.
- The impacted sediments associated with the two (2) outfalls required remediation. Specifically, the RI Report indicated that the drainage ditch of Outfall #1 was impacted from the discharge point to 200 ft. downgradient and the drainage ditch of Outfall #2 was impacted from the discharge point to 110 ft. downgradient.

In a letter dated May 8, 2009 the NYSDEC approved the Final Investigation Report and requested a Remedial Action Selection Report and a Remedial Action Work Plan.

Summary of Cinder Block Drainage Vault Soil Removal

Ultralife implemented a soil remediation project to address the cinder block drainage vault adjacent to building 4000 between October and December 2003. Marcor Remediation, Inc., (Marcor) conducted the soil removal work, which consisted of removing 35 cubic yards (cy) of impacted soil and 550 gallons of water. These materials were disposed of off-site. Twelve confirmatory soil samples were collected from the bottom and sidewalls of the excavation. The samples were analyzed for VOCs, SVOCs and Target Analyte List (TAL) Metals. The confirmatory soil samples did not detect concentrations of contaminants above the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046 Recommended Soil Cleanup Objectives (RSCOs), with the exception of one soil sample from the bottom of the excavation that indicated zinc at a concentration of 53.4 parts per million (ppm), which is slightly above the Eastern USA Background of 50 ppm. *[Note: The*

TAGM 4046 criteria were being used based on the time this work was completed; however, the NYSDEC Part 375-6, effective December 14, 2006 indicate an unrestricted use criteria of 109 ppm for zinc.] Appendix 2 includes a figure and table from the Final Investigation Report that provide the location of the soil removal and confirmatory soil samples and the confirmatory soil sample results.

1.4 SUMMARY OF REMEDIAL ACTIONS

The site was remediated in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) on March 31, 2010.

Based on the results of the RI, and the residual contamination remaining after the IRM Actions, the following Remedial Actions were performed at the site to address the remaining areas of concern (AOCs):

1. Excavation of sediment from the two outfall areas;
2. Execution and recording of a Deed Restriction to restrict land use and groundwater use at the site and prevent future exposure to any contamination remaining at the site.
3. Development and implementation of this Site Management Plan for long term management of remaining contamination as required by the Deed Restriction, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, and (3) reporting .

Remedial activities were completed at the site in July and August 2010.

1.4.1 Removal of Contaminated Materials from the Site

The extent of the removal areas are detailed below. These areas are based on the RI Report findings and approval of the report by NYSDEC. In general, the 4 parts per million (ppm) of total PAHs and elevated metal concentrations were the criteria used for determining the extents of removal. In addition, Figures 4, 5A, and 5B illustrate the outfall removal areas. The areas of sediment removal are further defined below:

Sediments were excavated from Outfall #1 to approximately 3 feet bgs. for the first 20 feet below the outfall. Sediments were excavated to approximately 2 feet bgs. from the 20 ft. mark for the remaining length of the removal area (200 feet total length). Sediments were planned to be excavated to 3 feet bgs. from Outfall #2 for the first 20 feet; however, due to unanticipated shallow shale bedrock, the first 20-ft. were only excavated to approximately 1.5 feet bgs. Sediments were excavated to approximately 2-ft. bgs. from the 20 ft. mark until approximately 99 ft. from the outfall where shale was again encountered at 1.5 ft. bgs. The remaining length of the excavation for Outfall #2 (between 99 ft. and 119 ft. from the outfall) were excavated to the top of the shale.

Each outfall was excavated approximately 2-ft. on either side of the ditch centerline (i.e., removal width was approximately 4-ft. wide for the entire length of the excavation).

1.4.2 Remaining Contamination

This SMP is required due to several locations at the site that were identified with elevated concentrations of metals in fill material beneath the 2-ft. soil cover system and several areas where contaminants in soil and groundwater have not yet been remediated to unrestricted levels. The applicable data tables from the Final Investigation that provide these results and the applicable mapping from the Final Investigation that provide the location of these samples are included in Appendix 2.

2.0 ENGINEERING AND INSTITUTIONAL CONTROLS PLAN

2.1 INTRODUCTION

2.1.1 General

Since remaining contaminated soil and groundwater exists beneath the site, Engineering Controls and Institutional Controls (EC/ICs) are required to protect human health and the environment from direct exposure to these residual contaminants. This Engineering and Institutional Control Plan describes the procedures for the implementation and management of all EC/ICs at the site. The EC/IC Plan is one component of the SMP and is subject to revision by the NYSDEC.

2.1.2 Purpose

This plan provides:

- A description of all EC/ICs on the site;
- The basic implementation and intended role of each EC/IC;
- A description of the key components of the ICs set forth in the Deed Restriction;
- A description of the features to be evaluated during each required inspection and periodic review;
- A description of plans and procedures to be followed for implementation of EC/ICs, such as the implementation of the Excavation Work Plan for the proper handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the site; and
- Any other provisions necessary to identify or establish methods for implementing the EC/ICs required by the site remedy, as determined by the NYSDEC.

2.2 ENGINEERING CONTROLS

2.2.1 Engineering Control Systems

2.2.1.1 Soil Cover System

Exposure to remaining contamination in soil/fill at the site is prevented by an existing soil cover system over the site. [Note: The soil cover system was not placed on the site separately, rather, the impacts left in-place are generally greater than 2-ft. in depth.] This cover system is comprised of approximately 24 inches of clean soil, asphalt pavement, concrete-covered sidewalks, and concrete building slabs. The Excavation Work Plan that appears in Appendix 3 outlines the procedures required to be implemented in the event the cover system is breached (i.e., excavations greater than 2-ft. in depth), penetrated or temporarily removed, and any underlying remaining contamination is disturbed. Procedures for the inspection and maintenance of this cover are provided in the Monitoring Plan included in Section 3 of this SMP.

2.3 INSTITUTIONAL CONTROLS

A series of Institutional Controls is required by the RAWP to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and (3) limit the use and development of the site to commercial and industrial uses only. Adherence to these Institutional Controls on the site is required by the Deed Restriction and will be implemented under this Site Management Plan. The institutional controls for the site are:

- Compliance with the Deed Restriction and this SMP by the Grantor and the Grantor's successors and assigns.
- All Engineering Controls must be maintained and inspected as specified in this SMP.
- All Engineering Controls on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP.

- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP.
- Data and information pertinent to Site Management must be reported at the frequency and in a manner defined in this SMP.

Institutional Controls identified in the Deed Restriction may not be discontinued without an amendment to or extinguishment of the Deed Restriction. The Deed Restrictions for this property are identified below:

- The property can only be used for commercial and industrial purposes provided that the long-term Engineering and Institutional Controls included in this SMP are employed.
- The property may not be used for a higher level of use, such as unrestricted, residential, or restricted residential use without additional remediation and amendment of the Deed Restriction, as approved by the NYSDEC.
- All future ground intrusive activities greater than 2-ft. in depth within the VCP boundary must be conducted in accordance with this SMP.
- The use of the groundwater underlying the property is prohibited without NYSDEC approval and treatment rendering it safe for intended use.
- Vegetable gardens and farming on the property are prohibited.
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property, pursuant to the terms in the Deed Restriction, at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

2.3.1 Excavation Work Plan

The site has been remediated for restricted commercial or industrial use. Any future intrusive work that will penetrate the soil cover system (i.e., greater than 2-ft. in depth), or encounter or disturb the remaining contamination, including any modifications or repairs to the existing cover system will be performed in compliance with the Excavation Work Plan (EWP) that is attached as Appendix 3 to this SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) prepared for the site. A sample HASP and CAMP is attached as Appendix 6 and 8, respectively, to this SMP that is in current compliance with DER-10, and 29 CFR 1910, 29 CFR 1926, and all other applicable Federal, State and local regulations. Based on future changes to State and Federal health and safety requirements, and specific methods employed by future contractors, the HASP and CAMP will be updated and re-submitted with the notification provided in Section A-1 of the EWP. Any intrusive construction work that will penetrate the soil cover system (i.e., greater than 2-ft. in depth) or encounter or disturb the remaining contamination, will be performed in compliance with the EWP, HASP, and CAMP, and will be included in the periodic inspection and certification reports submitted under the Inspections, Reporting, and Certifications (See Section 5). Shallow intrusive work (i.e., less than 2-ft. in depth) that does not penetrate the cover material or encounter the remaining contamination does not need to be documented or reported in the periodic inspections and certification reports.

The site owner and associated parties preparing the remedial documents submitted to the State, and parties performing this work, are completely responsible for the safe performance of all intrusive work, the structural integrity of excavations, proper disposal of excavation de-water, control of runoff from open excavations into remaining contamination, and for structures that may be affected by excavations (such as building foundations and bridge footings). The site owner will ensure that site development activities will not interfere with, or otherwise impair or compromise, the engineering controls described in this SMP.

2.4 INSPECTIONS AND NOTIFICATIONS

2.4.1 Inspections

Inspections of all remedial components installed at the site will be conducted at the frequency specified in the SMP Monitoring Plan schedule. A comprehensive site-wide inspection will be conducted annually, regardless of the frequency of the Periodic Review Report. The inspections will determine and document the following:

- Whether Engineering Controls continue to perform as designed;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this SMP and the Deed Restriction;
- Achievement of remedial performance criteria;
- Sampling and analysis of appropriate media during monitoring events;
- If site records are complete and up to date; and
- Changes, or needed changes, to the remedial or monitoring system.

Inspections will be conducted in accordance with the procedures set forth in the Monitoring Plan of this SMP (Section 3). The reporting requirements are outlined in Section 5 of this plan (Section 5).

If an emergency, such as a natural disaster or an unforeseen failure of any of the ECs occurs, an inspection of the site will be conducted within 5 days of the event to verify the effectiveness of the EC/ICs implemented at the site by a qualified environmental professional as determined by NYSDEC.

2.4.2 Notifications

Notifications will be submitted by the property owner to the NYSDEC as needed for the following reasons:

- 60-day advance notice of any proposed change in use as defined under the terms of the VCA, 6 NYCRR Part 375, and/or Environmental Conservation Law.
- 15-day advance notice of any proposed ground-intrusive activities greater than 2-ft. in depth.

- Notice within 48-hours of any damage or defect to the foundations structures that reduces or has the potential to reduce the effectiveness of the Engineering Controls and likewise any action to be taken to mitigate the damage or defect.
- Verbal notice by noon of the following day of any emergency, such as a fire, flood, or earthquake that reduces or has the potential to reduce the effectiveness of the Engineering Controls in place at the site, with written confirmation within 7 days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.
- Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action shall be submitted to the NYSDEC within 45 days and shall describe and document actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the site or the responsibility for implementing this SMP will include the following notifications:

- At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser has been provided with a copy of the VCA, and all approved work plans and reports, including this SMP.
- Within 15 days after the transfer of all or part of the site, the new owner's name, contact representative, and contact information will be confirmed in writing.

2.5 CONTINGENCY PLAN

Emergencies may include injury to personnel, fire or explosion, environmental release, or serious weather conditions.

2.5.1 Emergency Telephone Numbers

In the event of any environmentally related situation or unplanned occurrence requiring assistance the Owner or Owner's representative(s) should contact the appropriate party from the contact list below. For emergencies, appropriate emergency response personnel should be contacted. Prompt contact should also be made to the

Ultralife Director of EHS. These emergency contact lists must be maintained in an easily accessible location at the site.

Table 1: Emergency Contact Numbers

Medical, Fire, and Police:	911
One Call Center:	(800) 272-4480 (3 day notice required for utility markout)
Finger Lakes Poison Control:	585-273-3854
Pollution Toxic Chemical Oil Spills:	(800) 424-8802
NYSDEC Spills Hotline	(800) 457-7362

Table 2: Contact Numbers

John Diggory	(315) 332-7100
Peter Comerford	(315) 332-7100
Richard Marino	(315) 332-7100

* *Note: Contact numbers subject to change and should be updated as necessary*

2.5.2 Map and Directions to Nearest Health Facility

Site Location: 2000 Technology Parkway, Newark, New York

Nearest Hospital Name: Newark-Wayne Community Hospital

Hospital Location: 1200 Driving Park Avenue, Newark, New York

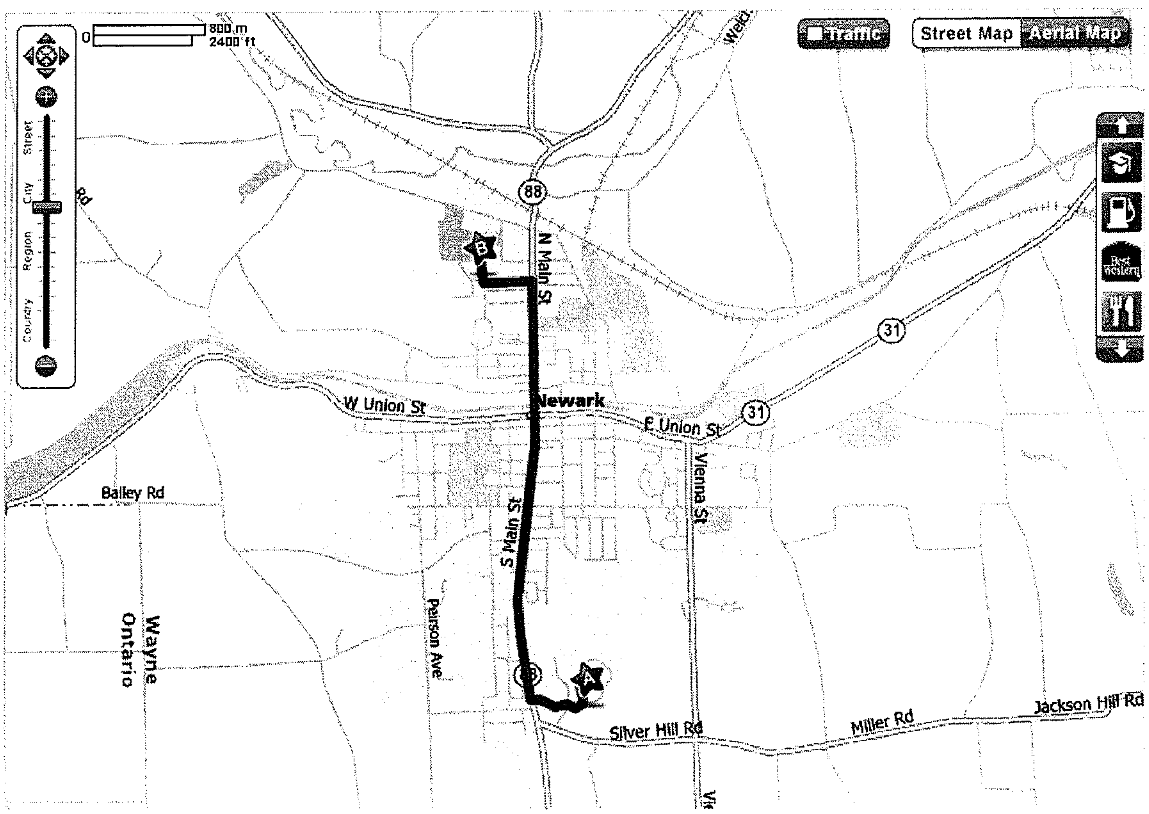
Hospital Telephone: 315-332-2022

Directions to the Hospital:

1. Start out going South on Technology Parkway – approximately 500 ft.
2. At the traffic circle, take the 2nd exit and stay on Technology Parkway – 0.2 mi.
3. Turn right at S. Main St/NY-88 – 2.3 mi.
4. Turn left at Stuerwald Avenue – 0.2 mi
5. Turn right at Driving Park Avenue – 0.2 mi.
6. End at 1200 Driving Park Avenue, Newark, New York.

Total Distance: Approximately 2.9 mi.

Total Estimated Time: Approximately 8 minutes.



2.5.3 Response Procedures

As appropriate, the fire department and other emergency response group will be notified immediately by telephone of the emergency. The emergency telephone number list is found at the beginning of this Contingency Plan (Table 1). The list will also posted prominently at the site and made readily available to all personnel at all times.

3.0 SITE MONITORING PLAN

3.1 INTRODUCTION

3.1.1 General

The Monitoring Plan describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the site, the soil cover system, and all affected site media identified below. This Monitoring Plan may only be revised with the approval of NYSDEC.

3.1.2 Purpose and Schedule

This Monitoring Plan describes the methods to be used for:

- Sampling and analysis of all appropriate media (e.g., groundwater and sediments);
- Assessing compliance with applicable NYSDEC standards, criteria, and guidance, particularly ambient groundwater standards and Part 375 SCOs for soil;
- Assessing achievement of the remedial performance criteria;
- Evaluating site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment; and
- Preparing the necessary reports for the various monitoring activities to adequately address these issues, this Monitoring Plan provides information on:
    - Sampling locations, protocol, and frequency;
    - Information on all designed monitoring systems (e.g., monitoring well logs);

- o Analytical sampling program requirements;
- o Reporting requirements;
- o Quality Assurance/Quality Control (QA/QC) requirements;
- o Inspection and maintenance requirements for monitoring wells;
- o Monitoring well decommissioning procedures; and
- o Annual inspection and periodic certification.

Monitoring of the outfall remedy performance and overall reduction in contamination on-site will be conducted for the first year and will occur one month, six months, and one year after completion of the outfall remedy. Annual groundwater monitoring will occur for two (2) years. The frequency therafter will be determined by NYSDEC.

Table 3: Monitoring/Inspection Schedule

Monitoring Program	Frequency*	Matrix	Analysis
Groundwater	Annually for 2 years	Liquid	TAL Metals
Sediment	One Sampling Event One Year After Remedy implementation	Sediment	TAL Metals TCL SVOCs + TICs
Vegetative Cover	1 month, 6 months, 1 year after Remedy Implementation	NA	NA

* The frequency of events will be conducted as specified unless otherwise approved by NYSDEC and NYSDOH

3.2 SOIL COVER SYSTEM MONITORING

The soil cover system will be monitored throughout the year by adherence to the Excavation Work Plan. An annual inspection will be conducted by a walk-through inspection of the VCP Site to confirm conditions have not changed throughout the year.

3.3 MEDIA MONITORING PROGRAM

The following media will be monitored at the frequency specified:

- Vegetative Cover Restoration Monitoring: The vegetative cover will be monitored at 1-month, 6-months and 1-year after completion of the soil/sediment removal work in the banks around the Outfall # 1 and #2 excavations. The details of this monitoring are identified in Section 3.3.1 below.
- Sediment Monitoring: 1-year after completion of the sediment removal work, the sediment that has accumulated in the bed of the Outfall #1 and #2 will be sampled as detailed in Section 3.3.2 below.
- Groundwater Monitoring: Groundwater will be sampled annually for two (2) years as detailed in Section 3.3.3 below.

3.3.1 Vegetative Cover Restoration Monitoring

As identified in the RAWP, the following monitoring will be performed for the vegetative cover restoration. The bank stability and vegetative community composition (species and density) will be monitored to ensure that Outfall ditch restoration establishes an initial vegetative cover (90% cover by end of first year), maintains slope stability and reestablishes the local plants. The monitoring will be accomplished by visual observation of each restoration area. The restoration areas will be photographed for documentation and submitted in summary letter to NYSDEC after each monitoring event. In the event that restoration (vegetative cover incomplete or slopes are not stable) then appropriate actions will be implemented (e.g., erosion controls, additional topsoil and seeding, etc.). The monitoring will be accomplished by observing the restoration areas at the 1 month, 6 month, and 1 year interval after the remedy has been implemented.

3.3.2 Sediment Monitoring

Sediment samples will be collected one year after the sediment removal work to evaluate the effectiveness of the Sediment Removal remedial work. Each outfall will have the following sediment sampling completed:

- Collection of 5 sediment samples down the centerline of the drainage ditch. One sample will be collected from the discharge point of the outfall (i.e., start of removal area) and one sample will be collected from the end of the removal area – Outfall #1 200 feet from discharge point and Outfall #2 110 feet from discharge point. The remaining three samples will be collected equidistance from the outfall discharge point to the end of the removal area.
- Sediment samples will be collected from 0-6 inches in depth.
- Samples will be placed in laboratory cleaned 4-ounce jars and submitted under chain of custody to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of Target Compound List (TCL) Semi-Volatile Organic Compounds (SVOCs) including 20 Tentatively Identified Compounds (TICs) using United States Environmental Protection Agency (USEPA) Method 8270 and Target Analyte List (TAL) Metals using USEPA Method 6000/7000 series.
- The laboratory results will be reported in Analytical Services Protocol (ASP) Category B Deliverables data package and a Data Usability Summary Report (DUSR) will be completed in accordance with NYSDEC's DER-10 Appendix 2B.
- A letter report will be submitted to NYSDEC and NYSDOH to document the sampling work and the laboratory results will be compared to the applicable criteria. The submittal will also include the DUSR and the laboratory data package on compact disc.

3.3.3 Groundwater Monitoring

Groundwater monitoring will be performed annually for two (2) years on seven (7) existing groundwater monitoring wells (refer to Appendix 1 for monitoring well location map and monitoring well construction logs). The sampling frequency may be modified with the approval NYSDEC. The SMP will be modified to reflect changes in sampling plans approved by NYSDEC.

The depth to groundwater ranges from 0.5 to 6.55 feet below ground surface. Groundwater flow direction is generally towards the north. The sampling protocols and reporting are described below.

Low flow groundwater sampling methodologies will be implemented in order to obtain a representative sample of current groundwater conditions at the site. In order to accomplish this task, the following steps will be taken:

- Initially, static water levels will be collected using a water level measuring device(s) capable of measuring to 0.01 foot accuracy for evaluating the groundwater contours at the Site.
- Subsequent to collecting groundwater elevations, low flow purging of the monitoring wells will include the collection of water quality indicator parameters. Water quality indicator parameters will be recorded at five (5)-minute intervals during the purging of the well. These water quality indicator parameters will include:
    - Water Level Drawdown
    - Temperature
    - pH
    - Dissolved Oxygen
    - Specific Conductance
    - Oxidation Reduction Potential
    - Turbidity

- Groundwater sampling will commence once the groundwater quality indicator parameters have stabilized for at least three (3) consecutive readings for the following parameters:
  - Water Level Drawdown: <0.3′
  - Temperature: +/- 3%
  - pH:+/- 0.1unit
  - Dissolved Oxygen: +/-10%
  - Specific Conductance: +/-3%
  - Oxidation Reduction Potential: +/-10 millivolts
  - Turbidity: +/-10% for values greater than 1 NTU
- After chemical indicator and drawdown parameters have stabilized sampling can begin.
- Each sample collected will be properly labeled.
- After collection of the samples, the pump tubing can be dedicated to the well for re-sampling (by hanging the tubing inside the well), decontaminated, or properly discarded.
- The monitoring well will be secured.
- Any reusable low flow groundwater sampling equipment will be decontaminated after each monitoring well prior to sampling additional wells at the Site.
- The samples will be submitted to a NYSDOH ELAP certified laboratory for the parameters tested under chain of custody. Groundwater samples will be analyzed for Target Analyte List (TAL) Metals using United States Environmental Protection Agency (USEPA) Method 6010 and 7471 (mercury).
- The groundwater results will be provided in an ASP Category B deliverables data package and a DUSR will be completed to evaluate the usability of the data in accordance with DER-10 Appendix 2B.

All monitoring well sampling activities will be recorded in a field book and a groundwater-sampling log presented in Appendix 4. Other observations (e.g., well integrity) will be noted on the well sampling log. The well sampling log will serve as the inspection form for the groundwater monitoring well network and will be included with the groundwater monitoring reports.

3.3.3.1 Monitoring Well Repairs, Replacement and Decommissioning

If biofouling or silt accumulation occurs in the wells, the wells will be physically agitated/surged and redeveloped. Additionally, monitoring wells will be properly decommissioned and replaced (as per the Monitoring Plan), if an event renders the wells unusable.

Repairs and/or replacement of wells in the monitoring well network will be performed based on assessments of structural integrity and overall performance.

The NYSDEC will be notified prior to any repair or decommissioning of monitoring wells for the purpose of replacement, and the repair or decommissioning and replacement process will be documented in the subsequent Periodic Review Report. Well decommissioning without replacement will be done only with the prior approval of NYSDEC. Well decommissioning and abandonment will be performed in accordance with NYSDEC DER CP-43: Commissioner's Policy on Groundwater Monitoring Well Decommissioning. Monitoring wells that are decommissioned because they have been rendered unusable will be reinstalled in the nearest available location, unless otherwise approved by the NYSDEC.

3.4 SITE-WIDE INSPECTION

Site-wide inspections will be performed on a regular schedule at a minimum of once a year. Site-wide inspections will also be performed after all severe weather conditions that may affect Engineering Controls or monitoring devices (e.g., groundwater monitoring wells). During these inspections, an inspection form will be completed (Appendix 7). The form will compile sufficient information to assess the following:

- Compliance with all ICs, including site usage;
- An evaluation of the condition and continued effectiveness of ECs;

- General site conditions at the time of the inspection;
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection; and
- Confirm that site records are up to date.

3.5 MONITORING QUALITY ASSURANCE/QUALITY CONTROL

All sampling and analyses will be performed in accordance with the requirements of the Quality Assurance Project Plan (QAPP) prepared for the site (Appendix 5). Main Components of the QAPP include:

- QA/QC Objectives for Data Measurement
- Measurement of Data Quality
- QC Targets
- Sampling Program:
    - Sample containers will be properly washed, decontaminated, and appropriate preservative will be added (if applicable) prior to their use by the analytical laboratory. Containers with preservative will be tagged as such.
    - Sample holding times will be in accordance with the NYSDEC ASP requirements.
    - Field QC samples (e.g., trip blanks, coded field duplicates, and matrix spike/matrix spike duplicates) will be collected as necessary.
- Sample, Containers, Tracking and Custody
- Sample Handling, Packaging, and Shipping
- Calibration Procedures and Frequency:
    - All field analytical equipment will be calibrated immediately prior to each day's use. Calibration procedures will conform to manufacturer's standard instructions.

- The laboratory will follow all calibration procedures and schedules as specified in USEPA SW-846 and subsequent updates that apply to the instruments used for the analytical methods.

- Chain of Custody
- Groundwater Sampling Procedures
- Decontamination and Management of Sampling Derived Waste
- Preparation of a Data Usability Summary Report (DUSR), which will present the results of data validation, including a summary assessment of laboratory data packages, sample preservation and chain of custody procedures, and a summary assessment of precision, accuracy, representativeness, comparability, and completeness for each analytical method
- Documentation and Corrections to Documentation
- Field Instrumentation

3.6 MONITORING REPORTING REQUIREMENTS

Forms and any other information generated during regular monitoring events and inspections will be kept on file on-site. All forms, and other relevant reporting formats used during the monitoring/inspection events, will be (1) subject to approval by NYSDEC and (2) submitted at the time of the Periodic Review Report, as specified in Section 5.0 of this SMP.

All monitoring results will be reported to NYSDEC on a periodic basis in the Periodic Review Report. A letter report will also be prepared subsequent to each sampling event. The report will include, at a minimum:

- Date of event;
- Personnel conducting sampling;
- Description of the activities performed;
- Type of samples collected (e.g., groundwater, sediment);
- Copies of all field forms completed (e.g., well sampling logs, chain-of-custody documentation);

- Sampling results in comparison to appropriate standards/criteria;
- A figure illustrating sample type and sampling locations;
- Copies of all laboratory data sheets and the required laboratory data deliverables required for all points sampled to be submitted electronically in the NYSDEC-identified format;
- Any observations, conclusions, or recommendations; and
- A determination as to whether groundwater conditions have changed since the last reporting event.

Data will be reported in hard copy or digital format as determined by NYSDEC. A summary of the monitoring program deliverables are summarized in Table 4 below.

Table 4: Schedule of Monitoring/Inspection Reports

Task	Reporting Frequency*
Sediment Sampling	One Sampling Event One Year After Remedy implementation
Vegetative Cover Inspections	1 month, 6 months, 1 year after implementation of the remedy
Groundwater Sampling	Annually for 2 years
Soil Cover System Inspeciton	Annually

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC

4.0 OPERATION AND MAINTENANCE PLAN

4.1 INTRODUCTION

The final site remedy does not rely on any mechanical systems to protect public health and the environment; therefore, the operation and maintenance of such mechanical remedial components is not included in this SMP.

5.0 INSPECTIONS, REPORTING AND CERTIFICATIONS

5.1 SITE INSPECTIONS

5.1.1 Inspection Frequency

All inspections will be conducted at the frequency specified in the schedules provided in Section 3 Monitoring Plan of this SMP. At a minimum, a site-wide inspection will be conducted annually. Inspections of remedial components will also be conducted whenever a severe condition has taken place, such as an erosion or flooding event that may affect the ECs. The inspections will determine and document the following:

- Whether Engineering Controls continue to perform as designed;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this SMP and the Deed Restriction; and
- If site records are complete and up to date.

The annual inspection will be documented by the certification presented in Section 5.2.

5.1.2 Inspection Forms, Sampling Data, and Maintenance Reports

All inspections and monitoring events will be recorded on the appropriate forms contained in the SMP's appendices. Additionally, a general site-wide inspection form will be completed during the site-wide inspection (see Appendix 7). These forms are subject to NYSDEC revision. All applicable inspection forms and other records, including all media sampling data, generated for the site during the reporting period will be provided in electronic format to NYSDEC in the Periodic Review Report.

5.1.3 Evaluation of Records and Reporting

The results of the inspection and site monitoring data will be evaluated as part of the EC/IC certification to confirm that the:

- EC/ICs are in place, are performing properly, and remain effective
- The Monitoring Plan is being implemented
- Operation and maintenance activities are being conducted properly; and, based on the above items
- The site remedy continues to be protective of public health and the environment and is performing as designed in the RAWP and FER

5.1.4 Reporting Schedule

The following table identifies the reporting schedule for the site.

Table 5: Reporting Schedule

Reporting Type	Approximate due date	Description
Vegetative Bank Cover	1-month, 6-months and 1-yr after sediment removal completed	Letter report with pictures
Sediment Sampling	1-yr after sediment removal completed	Letter report with figure showing locations and laboratory data attached
Groundwater sampling	Annually for the 2 sampling events	Letter report with figure showing well locations, groundwater flow direction and laboratory data attached
Annual Inspection/Certification	Annually	Certification identified in Section 5.2

5.2 CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS

After the last inspection of the reporting period, a qualified environmental professional will prepare the following certification:

The following certification will be provided to the NYSDEC annually:

For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of the control;
- Use of the site is compliant with the deed restriction;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program;
- The information presented in this report is accurate and complete; and
- I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, __*name*__, of *business address*__, am certifying as the Owner's Designated Site Representative for the site.

5.3 PERIODIC REVIEW REPORT

A Periodic Review Report will be submitted to the Department annually, beginning1 year after the Limited Liability Release Letter is issued. In the event that the site is subdivided into separate parcels with different ownership, a single Periodic Review Report will be prepared that addresses the site described in the Metes and Bounds. The report will be prepared in accordance with NYSDEC DER-10 and submitted within 45 days of the end of each certification period. Media sampling results will also incorporated into the Periodic Review Report. The report will include:

- Identification, assessment and certification of all ECs/ICs required by the remedy for the site;
- Results of the required annual site inspections and severe condition inspections, if applicable;
- All applicable inspection forms and other records generated for the site during the reporting period in electronic format;
- A summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions;
- Data summary tables and graphical representations of contaminants of concern by media (e.g., sediment, groundwater), which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These will include a presentation of past data as part of an evaluation of contaminant concentration trends;
- Results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted electronically in a NYSDEC-approved format;
- A site evaluation, which includes the following:
    - The compliance of the remedy with the requirements of the site-specific RAWP;

- Any new conclusions or observations regarding site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;
- Recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and
- The overall performance and effectiveness of the remedy.

The Periodic Review Report will be submitted, in hard-copy format, to the NYSDEC Regional Office in which the site is located, and in electronic format to NYSDEC Regional Office and the NYSDOH Bureau of Environmental Exposure Investigation.

5.4 CORRECTIVE MEASURES PLAN

If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an institutional or engineering control, a corrective measures plan will be submitted to the NYSDEC for approval. This plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the corrective measures plan until it is approved by the NYSDEC.

LABELLA
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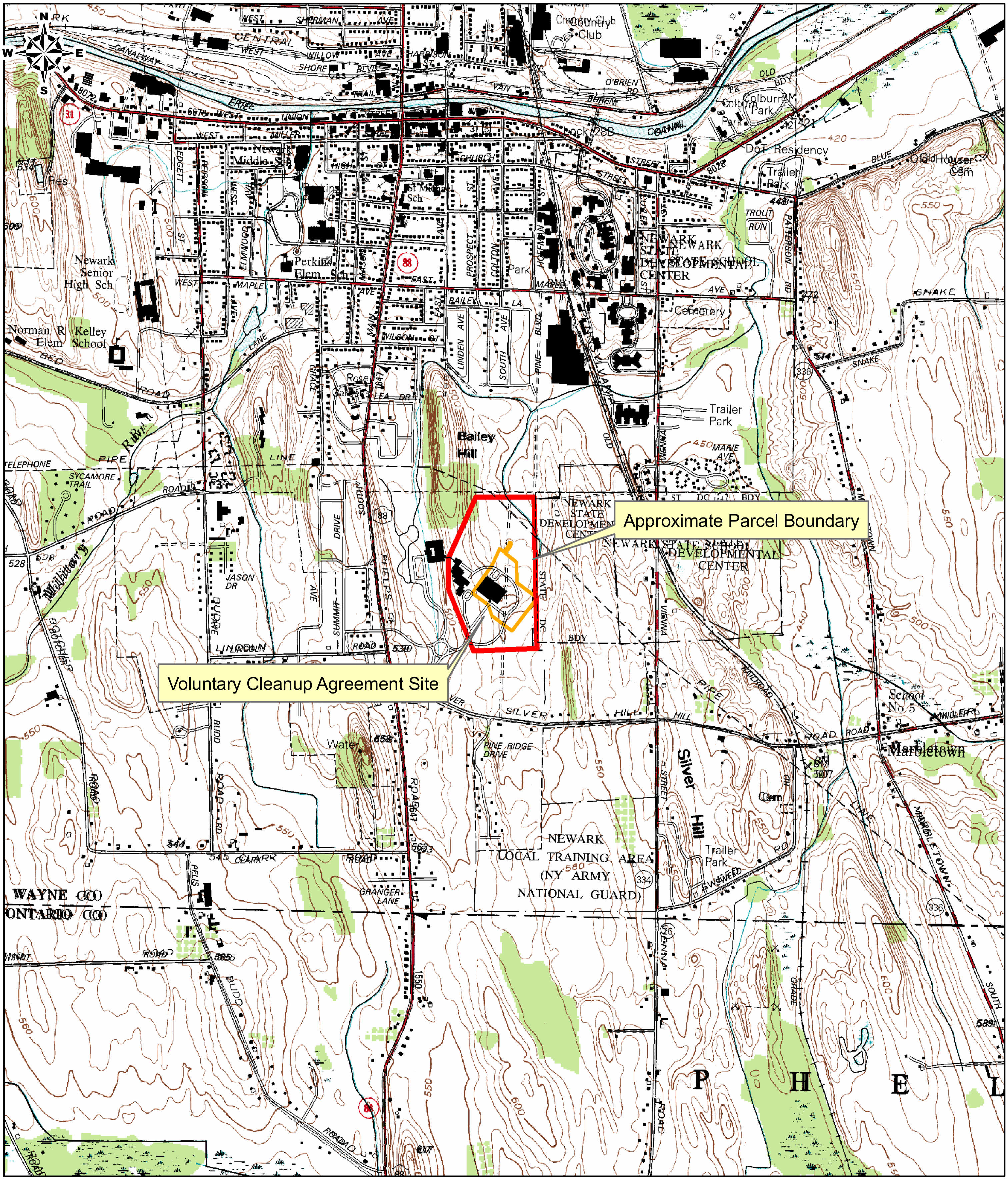
Rochester, New York 14614

Figures



PROJECT/DRAWING NUMBER

209025

FIGURE 1

DRAWING TITLE

SITE LOCATION WITH USGS 7.5 MINUTE TOPO MAP NEWARK QUAD

ISSUED FOR

REVIEW

DATE: 5/15/09

DESIGNED BY: RCN

DRAWN BY: RCN

REVIEWED BY: DPN

PROJECT/CLIENT

Ultralife Batteries
Site Management Plan

1350 Route 88 South
Newark, New York

LABELLA Associates, P.C.

Engineering
Architecture
Environmental
Planning

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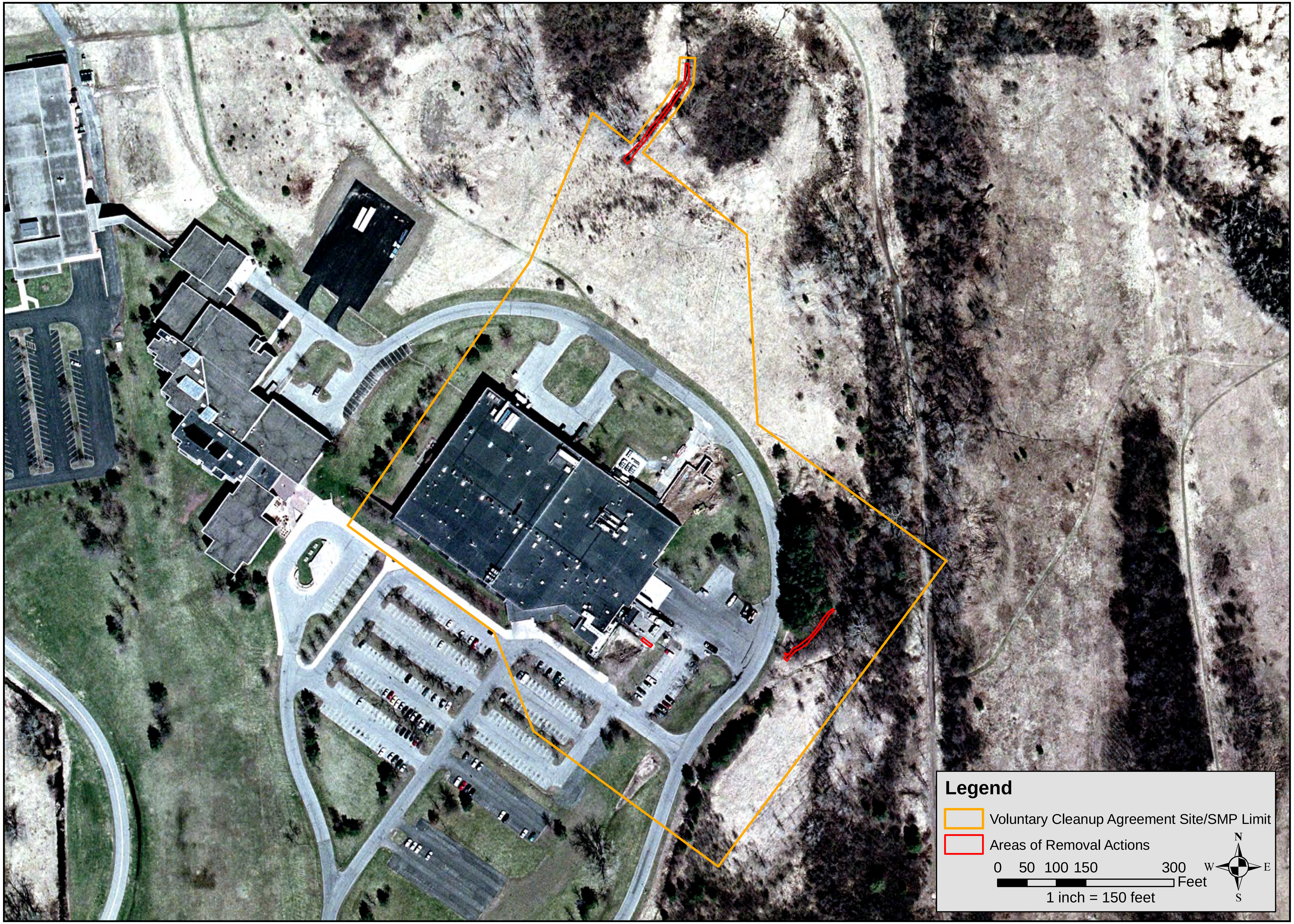
0 0.25 0.5 Miles

N W E S



Y:\Ultralife Corporation\209025\Drawings\SMP\Figure 2 (SMP) Aerial Photograph with Pertinent Site Features (IPJ 2011-01-11).mxd 3/7/2011 @ 4:39:19 PM

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PROJECT/CLIENT

Ultralife Batteries
Site Management Plan

NYSDEC Site No. V00178

1350 Route 88 South
Newark, New York

DRAWING TITLE

Aerial Photograph with
Pertinent Site Features

ISSUED FOR: FINAL

DATE: 01/11/2011

DESIGNED BY: IPJ
DRAWN BY: IPJ
REVIEWED BY: DPN

PROJECT/DRAWING NUMBER

209025

FIGURE 2

4/7/2011 1:11:13 PM boundary map.dgn

REFERENCES

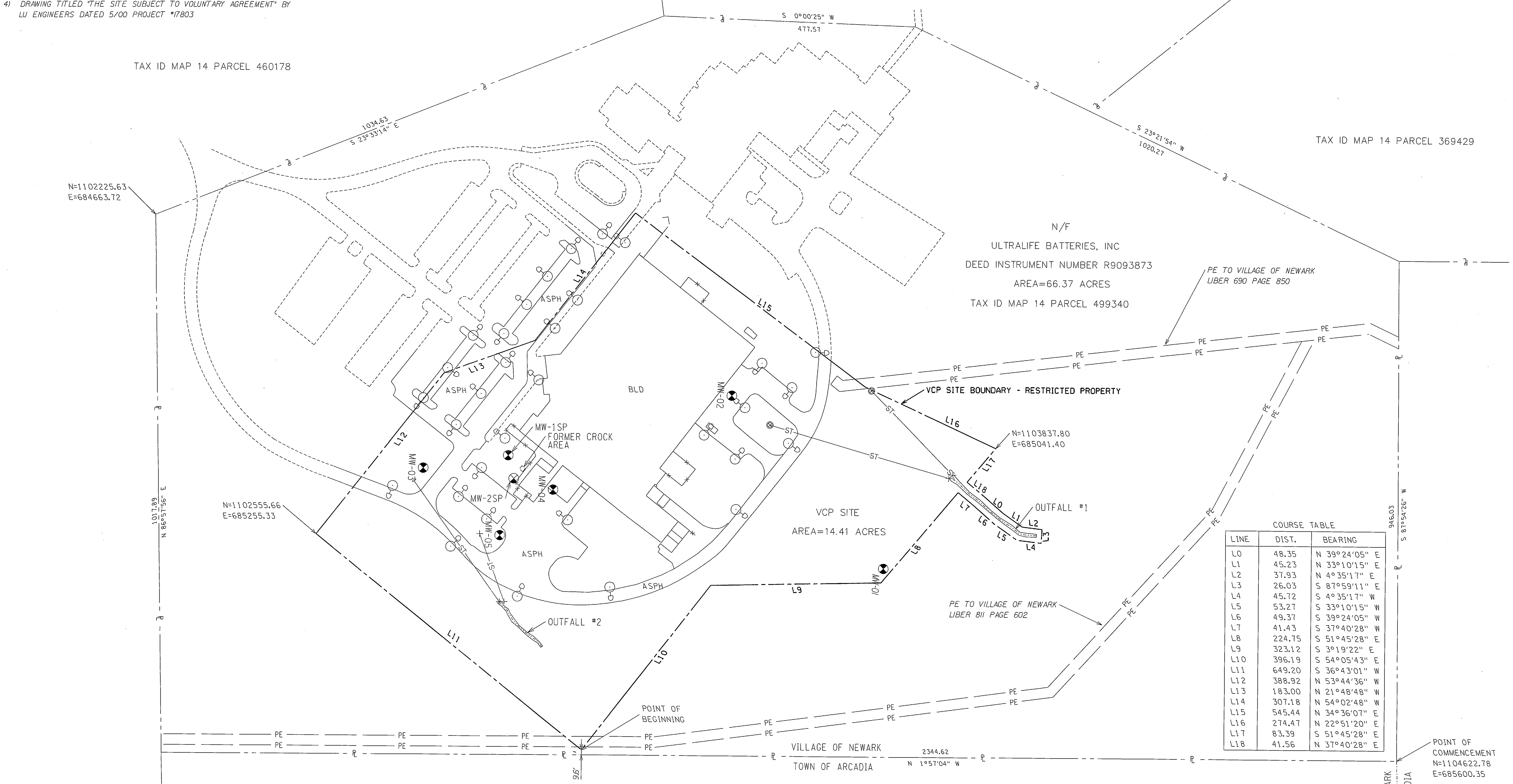
1) VILLAGE OF NEWARK TAX MAP NO. 14 AND 18.
2) DRAWING TITLED "REAL PROPERTY SUBDIVISION PLAT" BY FISHER ASSOC. DATE 4/00 FILED IN THE COUNTY CLERKS OFFICE AS MAP #27364 AND 27365
3) DRAWING TITLED "PLAN OF LANDS OWNED BY WAYNE COUNTY IDA" BY KOCHER SURVEYING, PC DATE 12-19-05 FILED IN THE COUNTY CLERKS OFFICE AS MAP #27366
3) DRAWING TITLED "PLAN OF STUART PARK" BY JEFFREY L. DISPENZA DATE FEB 18, 1998 FILED IN THE COUNTY CLERKS OFFICE AS MAP #23387
4) DRAWING TITLED "THE SITE SUBJECT TO VOLUNTARY AGREEMENT" BY LU ENGINEERS DATED 5/00 PROJECT #17803

SURVEY NOTES

1) THE HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM CENTRAL ZONE NAD 83 (1996).
2) NO ABSTRACT OF TITLE PROVIDED
3) VOLUNTARY AGREEMENT LINE ESTABLISHED BY FIELD SURVEY AND REF # 4
4) SITE FEATURES SHOWN WITH IN THE VOLUNTARY AGREEMENT LINE WERE LOCATED BY AN INSTRUMENT SURVEY. ALL OTHER FEATURES WERE DIGITIZED FROM AERIAL PHOTOGRAPHS.

SITE NOTES

1) THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS DEED RESTRICTION ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@GW.DEC.STATE.NY.US.
2) THE SMP APPLIES TO THE VCP SITE.



COURSE TABLE

LINE	DIST.	BEARING
L0	48.35	N 39°24'05" E
L1	45.23	N 33°10'15" E
L2	37.93	N 4°35'17" E
L3	26.03	S 87°59'11" E
L4	45.72	S 4°35'17" W
L5	53.27	S 33°10'15" W
L6	49.37	S 39°24'05" W
L7	41.43	S 37°40'28" W
L8	224.75	S 51°45'28" E
L9	323.12	S 3°19'22" E
L10	396.19	S 54°05'43" E
L11	649.20	S 36°43'01" W
L12	388.92	N 53°44'36" W
L13	183.00	N 21°48'48" W
L14	307.18	N 54°02'48" W
L15	545.44	N 34°36'07" E
L16	274.47	N 22°51'20" E
L17	83.39	S 51°45'28" E
L18	41.56	N 37°40'28" E

VCP BOUNDARY DESCRIPTION

COMMENCING AT THE NORTHEAST CORNER OF LANDS NOW OR FORMERLY OF ULTRALIFE BATTERIES, INC TAX ID MAP 14 PARCEL 499340, THENCE:

1) SOUTHERLY ALONG THE EASTERLY BOUNDARY OF SAID LANDS A DISTANCE OF 1547.3 FEET TO A POINT, THENCE:
2) WESTERLY ON A LINE PERPENDICULAR TO COURSE 1 A DISTANCE OF 9.6 FEET TO THE POINT OF BEGINNING, THENCE:
3) S 36°43'01" W A DISTANCE OF 649.20 FEET TO A ANGLE POINT, THENCE:
4) N 53°44'36" W A DISTANCE OF 388.92 FEET TO A ANGLE POINT, THENCE:
5) N 21°48'48" W A DISTANCE OF 183.00 FEET TO A ANGLE POINT, THENCE:
6) N 54°02'48" W A DISTANCE OF 307.18 FEET TO A ANGLE POINT, THENCE:
7) N 34°36'07" E A DISTANCE OF 545.44 FEET TO A ANGLE POINT, THENCE:
8) N 22°51'20" E A DISTANCE OF 274.47 FEET TO A ANGLE POINT, THENCE:
9) S 51°45'28" E A DISTANCE OF 83.39 FEET TO A ANGLE POINT, THENCE:
10) N 37°40'28" E A DISTANCE OF 41.56 FEET TO A ANGLE POINT, THENCE:
11) N 39°24'05" E A DISTANCE OF 48.35 FEET TO A ANGLE POINT, THENCE:
12) N 33°10'15" E A DISTANCE OF 45.23 FEET TO A ANGLE POINT, THENCE:
13) N 4°35'17" E A DISTANCE OF 37.93 FEET TO A ANGLE POINT, THENCE:
14) S 87°59'11" E A DISTANCE OF 26.03 FEET TO A ANGLE POINT, THENCE:
15) S 4°35'17" W A DISTANCE OF 45.72 FEET TO A ANGLE POINT, THENCE:
16) S 33°10'15" W A DISTANCE OF 53.27 FEET TO A ANGLE POINT, THENCE:
17) S 39°24'05" W A DISTANCE OF 49.37 FEET TO A ANGLE POINT, THENCE:
18) S 37°40'28" W A DISTANCE OF 41.43 FEET TO A ANGLE POINT, THENCE:
19) S 51°45'28" E A DISTANCE OF 224.75 FEET TO A ANGLE POINT, THENCE:
20) S 3°19'22" E A DISTANCE OF 323.12 FEET TO A ANGLE POINT, THENCE:
21) S 54°05'43" E A DISTANCE OF 396.19 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL CONTAINS 14.41 ACRES (627566 SQ. FT.)

NORTH

0 100 200 300

SCALE: 1"=100'

STATE OF NEW YORK · MICHAEL W. HALEY · 049788 · LICENSED LAND SURVEYOR

WE, LABELLA ASSOCIATES PC, CERTIFY THAT THIS MAP WAS PREPARED USING REFERENCE MATERIAL AS LISTED HEREON AND FROM FIELD NOTES OF AN INSTRUMENT SURVEY COMPLETED AUGUST, 2010. THESE PARCELS ARE SUBJECT TO ANY EASEMENTS OR ENCUMBRANCES OF RECORD.

Michael W. Haley PLS 4/6/11

MICHAEL W. HALEY PLS
NYS PLS NO. 049788

NO.	REVISION	BY	DATE
1			
2			
3			
4			
5			
6			

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PROJECT/CLIENT
ULTRALIFE BATTERIES
SITE MANAGEMENT PLAN
1350 ROUTE 88 SOUTH
NEWARK, NEW YORK

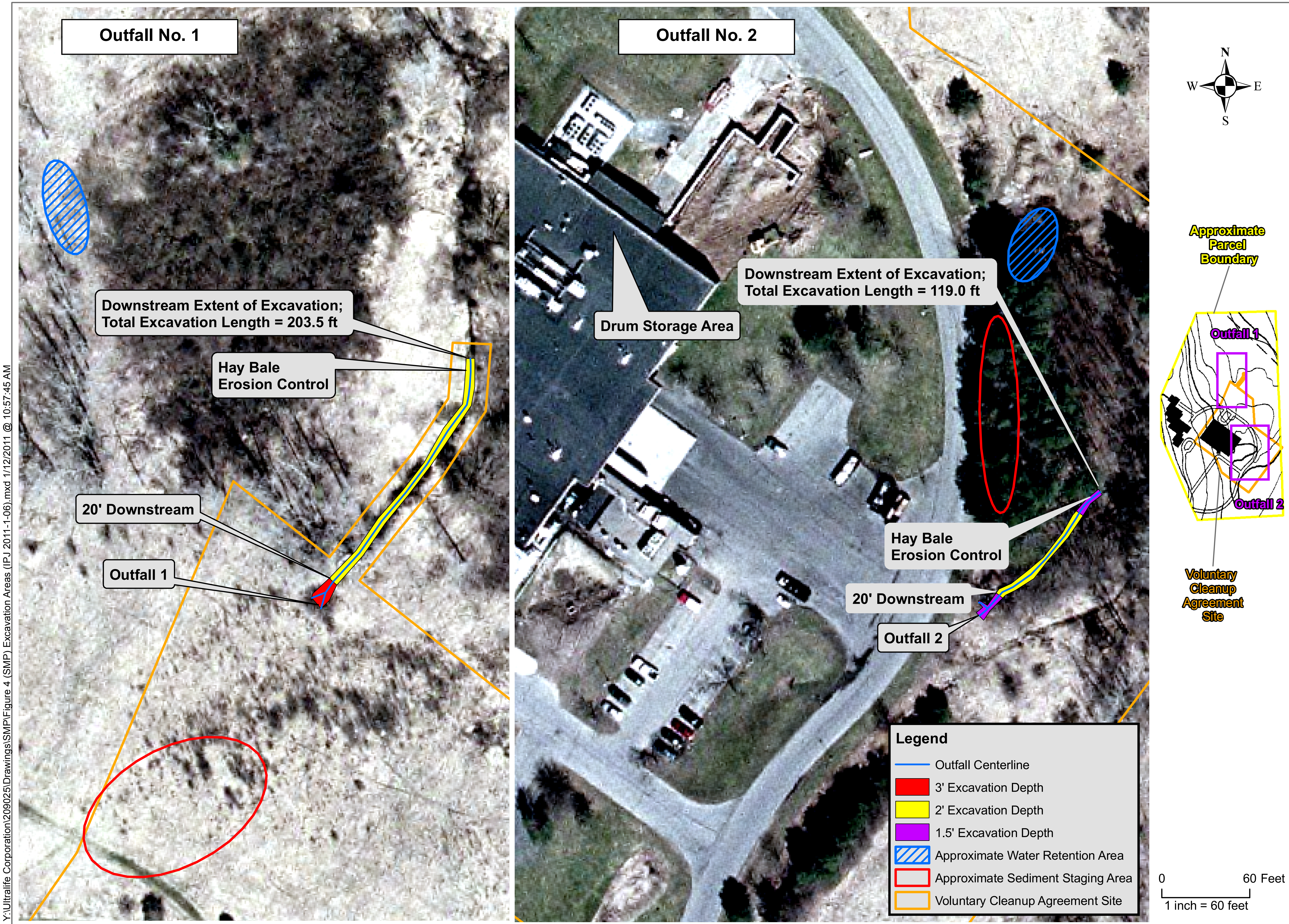
DRAWING TITLE
INSTRUMENT SURVEY

ISSUED FOR

DESIGNED BY: MWH
DRAWN BY: ECH
REVIEWED BY: BWH
DATE: AUG, 2010

PROJECT/DRAWING NUMBER
209025

FIGURE 3



Y:\Ultralife Corporation\209025\Drawings\SMP\Figure 4 (SMP) Excavation Areas (IPJ 2011-1-06).mxd 1/12/2011 @ 10:57:45 AM

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PROJECT/CLIENT

Ultralife Batteries Site Management Plan

NYSDEC Site No. V00178

1350 Route 88 South Newark, New York

DRAWING TITLE

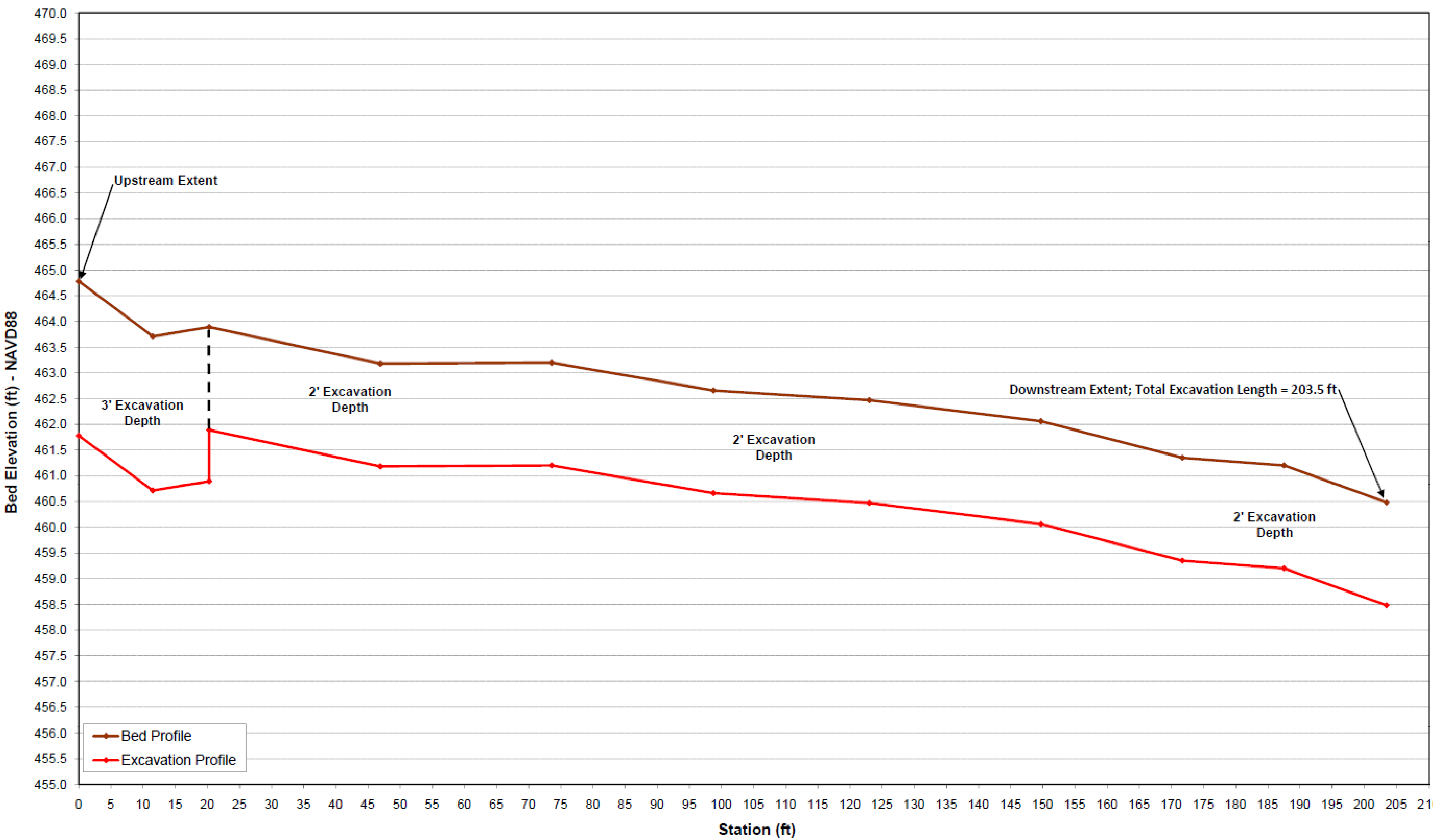
Excavation Areas

ISSUED FOR: FINAL
DATE: 1/06/2011
DESIGNED BY: SD
DRAWN BY: IPJ
REVIEWED BY: DPN

PROJECT/DRAWING NUMBER

209025

FIGURE 4



Note: Drawing Not To Scale.

Y:\Ultralife Corporation\209025\Drawings\SMP\Figure 5A - Outfall #1 Excavation Profile (IPJ 2011-01-06).mxd 1/12/2011 @ 10:59:02 AM

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PROJECT/CLIENT

Ultralife Batteries
Site Management Plan

NYSDEC Site No. V00178

1350 Route 88 South
Newark, New York

DRAWING TITLE

OUTFALL #1
EXCAVATION PROFILE

DESIGNED BY: SD
DRAWN BY: IPJ
REVIEWED BY: DPN

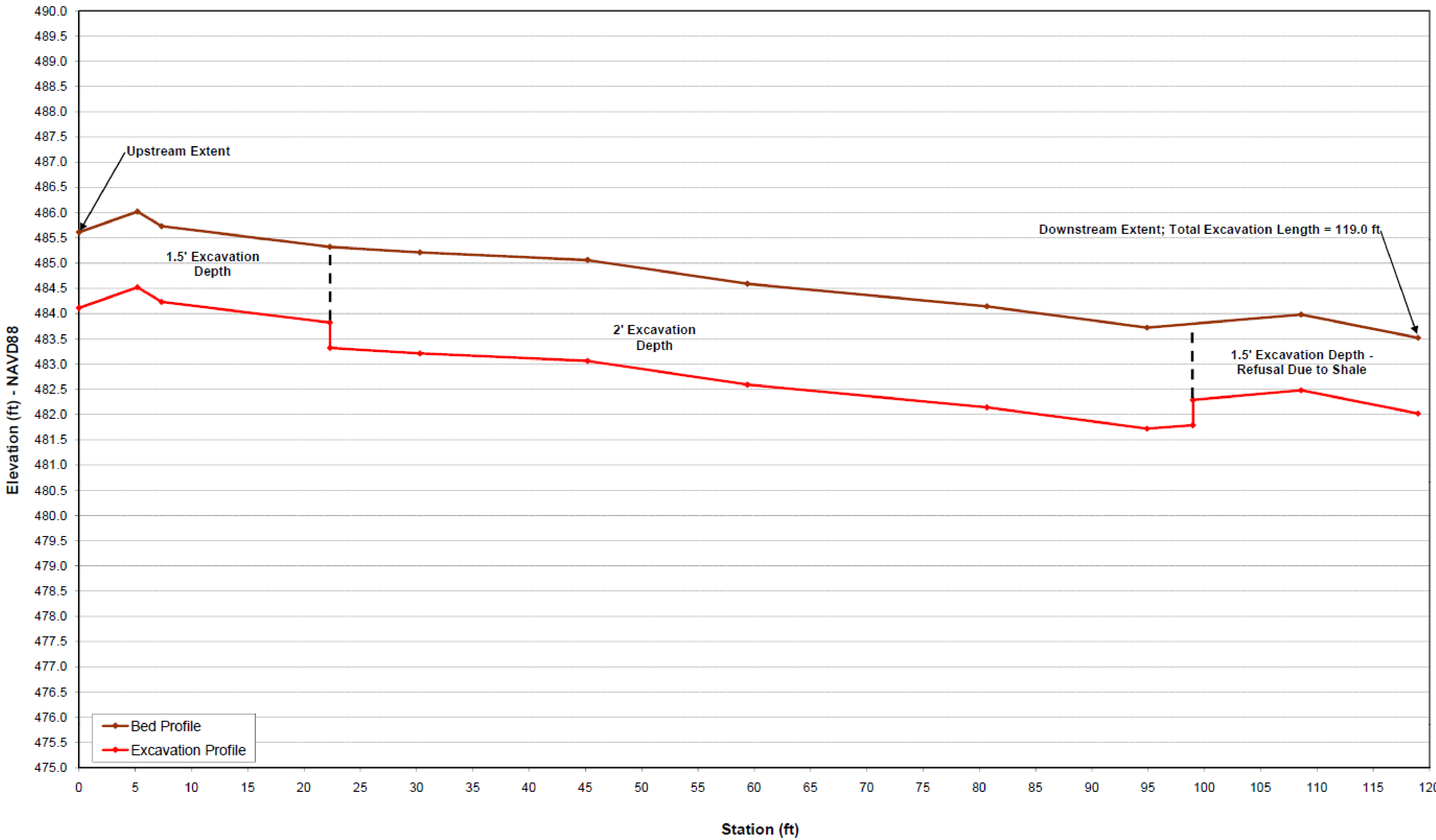
ISSUED FOR: FINAL

DATE: 1/06/2011

PROJECT/DRAWING NUMBER

209025

FIGURE 5A



Note: Drawing Not To Scale.

Y:\Ultralife Corporation\209025\Drawings\SMP\Figure 5B - Outfall #2 Excavation Profile (IPJ 2011-01-06).mxd 1/12/2011 @ 11:00:01 AM

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PROJECT/CLIENT

Ultralife Batteries
Site Management Plan

NYSDEC Site No. V00178

1350 Route 88 South
Newark, New York

DRAWING TITLE

OUTFALL #2
EXCAVATION PROFILE

DESIGNED BY: SD
DRAWN BY: IPJ
REVIEWED BY: DPN

ISSUED FOR: FINAL
DATE: 1/06/2011

PROJECT/DRAWING NUMBER

209025

FIGURE 5B

Y:\Ultralife Corporation\209025\Drawings\SMP\Figure 6 (SMP) Truck Transport Route (IPJ 2011-01-11).mxd 1/11/2011 @ 4:38:52 PM

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Ultralife Batteries
Site Management Plan

NYSDEC Site No. V00178

1350 Route 88 South
Newark, New York

DRAWING TITLE

Truck Transport Route

ISSUED FOR: FINAL
DATE: 01/11/2011
DESIGNED BY: IPJ
DRAWN BY: IPJ
REVIEWED BY: DPN

PROJECT/DRAWING NUMBER

209025

FIGURE 6

FIGURE 7 - MAP AND DIRECTIONS TO THE MEDICAL FACILITY
NEWARK-WAYNE COMMUNITY HOSPITAL

Total Time: 8 minutes
Total Distance: 2.9 miles

Start: 2000 Technology Parkway, Newark, NY

START	1. Start out going **SOUTH** on **Technology Parkway**.	~500 ft.
	2. At the traffic circle, take the **2nd** exit and stay on **Technology Pkwy**.	0.2 mi
	3. Turn **right** at **S Main St/NY-88.**	2.3 mi
	4. Turn **left** at **Stuerwald Ave**	0.2 mi
	5. Turn **right** at **Driving Park Ave**	0.2 mi
END	6. End at 1200 Driving Park Ave, Newark, NY	
	Total Mileage/Time	~2.9 mi / 8 min

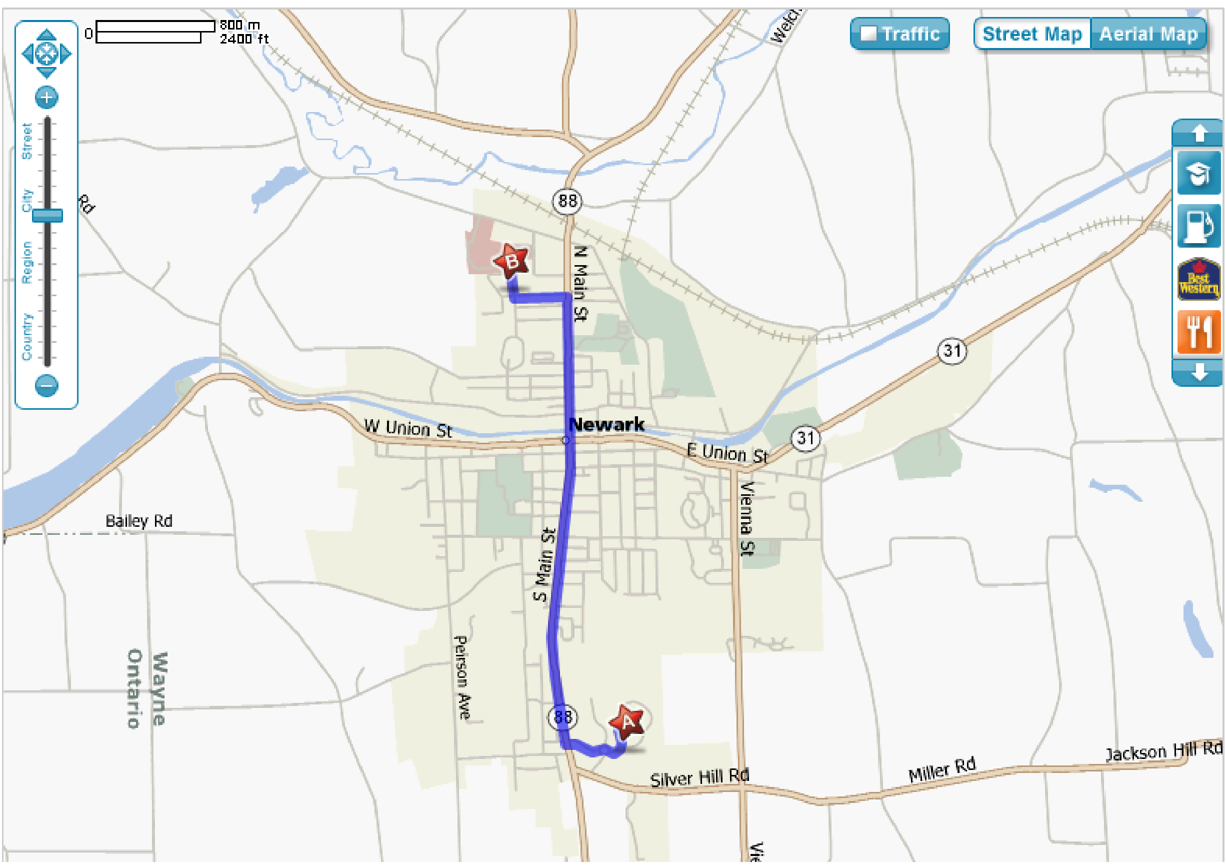


Figure 7
Site Management Plan
Stuart Park Complex – Ultralife Battery
2000 Technology Parkway, Newark, New York
LaBella Project No. 209025

LABELLA

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 1

Groundwater Monitoring Well Network
and
Historic Groundwater Flow Contour

GROUNDWATER CONTOUR MAP

ULTRALIFE BATTERIES, INC.

NEWARK, NEW YORK

SCALE: 1"=60'

OBSERVATION DATES:

MAY 3, 2007

NOVEMBER 2, 2005

DATE: 9-8-2008

FIG. 13

GeoQuest

PARRONE engineering

THE PIANO WORKS
349 WEST COMMERCIAL STREET
SUITE 3200
EAST ROCHESTER, NY 14445
T 585.586.0200 F 585.586.6752

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 2
Pertinent Documents from the Final Investigation Report

Test Pit Soil Analysis Summary – Table 2
Metals, Total Cyanide, and Total Organic Carbon

Ultralife Batteries, Inc.
Newark, New York

Metals	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	Recommended Soil Cleanup Objectives
Aluminum	5,080	3,620	5,170	6,920	6,040	4,640	9,310	5,750	4,180	3,300	SB
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB
Arsenic	4.10	**10.6**	3.50	**9.40**	**17.9**	3.80	**12.2**	**44.7**	3.40	**14.4**	7.5 or SB
Barium	26.0	31.5	30.4	51.4	41.7	26.2	70.3	32.0	23.0	16.6	300 or SB
Beryllium	ND	ND	ND	0.0800	ND	ND	**0.190**	ND	ND	0.0800	0.16 or SB
Cadmium	ND	ND	ND	0.110	ND	ND	ND	ND	ND	ND	1 or SB
Calcium	39,200	45,900	55,200	6,620	2,090	3,380	6,840	3,860	1,840	6,430	SB
Chromium	7.40	5.20	7.60	8.80	8.50	7.60	**12.1**	7.60	8.50	4.70	10 or SB
Cobalt	3.80	3.30	3.90	4.30	3.50	3.90	5.10	4.00	2.70	2.70	30 or SB
Copper	12.7	17.0	14.3	8.60	7.10	6.50	11.8	6.20	3.00	4.20	25 or SB
Iron	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,000 or SB
Lead	7.20	14.5	6.90	32.8	5.80	4.70	18.5	180	9.40	38.8	SB
Magnesium	**13,800**	**14,300**	**23,400**	4,050	1,550	2,050	2,860	2,500	1,560	3,140	SB **
Manganese	343	657	331	453	341	106	736	409	73.0	232	SB
Mercury	ND	0.0100	ND	0.0200	0.0200	ND	0.0900	0.0200	0.0200	ND	0.1
Nickel	7.80	7.70	8.10	6.90	5.30	7.60	8.90	6.60	5.30	4.50	13 or SB
Potassium	1,150	635	1,130	738	678	744	916	668	739	428	SB
Selenium	1.50	1.80	1.30	1.90	1.50	ND	2.00	ND	ND	1.00	2 or SB
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB
Sodium	144	81.0	170	67.3	44.2	174	101	64.5	73.6	40.4	SB
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SB
Vanadium	13.5	9.10	13.4	15.1	26.3	13.3	22.3	13.1	14.3	9.00	150 or SB
Zinc	**36.1**	**53.4**	**39.9**	**45.0**	**70.0**	**37.4**	**72.8**	**35.6**	**52.9**	**21.7**	20 or SB
Total Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Total Organic Carbon	ND	1,760	2,040	6,040	2,410	839	19,600	5,880	2,420	1,480	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, B = detected in blank, SB = Site Background, concentrations shown in shaded background indicate detection above laboratory limits, and concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives.
2. Concentrations are expressed in parts per million (ppm) equivalent to mg/kg or mg/L.
3. ** Eastern US Background for Magnesium is 100-5,000 ppm.
4. Samples collected by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).

Test Pit Soil Analytical Summary – Table 2 (Page 1 of 2)
Semi-Volatile Organic Compounds – Method OLM 4.2
Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	Recommended Soil Cleanup Objectives
Acenaphthene	ND	ND	ND	ND	ND	ND	0.120 J	ND	ND	ND	50
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Anthracene	ND	ND	ND	ND	ND	ND	0.240	ND	0.040 J	ND	50
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Benzo (a) Anthracene	ND	ND	ND	ND	0.045 J	ND	**0.500**	ND	ND	ND	0.224
Benzo (a) Pyrene	ND	ND	ND	ND	0.047 J	ND	**0.520**	ND	ND	ND	0.061
Benzo (b) Fluoranthene	ND	ND	ND	ND	ND	ND	0.400 J	ND	ND	ND	1.1
Benzo (g,h,i) Perylene	ND	ND	ND	ND	ND	ND	0.340 J	ND	ND	ND	50
Benzo (k) Fluoranthene	ND	ND	ND	ND	0.048 J	ND	0.400 J	ND	ND	ND	1.1
1,1'- Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Butyl Benzyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Di-N-Butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.1
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Carbazole	ND	ND	ND	ND	ND	ND	0.110 J	ND	ND	ND	-
Indeno (1,2,3-cd) Pyrene	ND	ND	ND	ND	ND	ND	0.290 J	ND	ND	ND	3.2
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.220
Bis (-2-Chloroethoxy) Methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Bis (-2-Chloroethyl) Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8
2,2'- Oxybis (1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Chrysene	ND	ND	ND	ND	0.055	ND	**0.530**	ND	ND	ND	0.4
Dibenz (a,h) Anthracene	ND	ND	ND	ND	ND	ND	**0.086 J**	ND	ND	ND	0.014
Dibenzofuran	ND	ND	ND	ND	ND	ND	0.110	ND	ND	ND	6.2
3,3'- Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
2,4- Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
Diethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.1
Dimethyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0
2,4- Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2,4- Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.200
2,4- Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
2,6- Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Bis (2-Ethylhexyl) Phthalate	ND	ND	ND	0.051J	ND	ND	ND	ND	0.055 J	0.055 J	50
Fluoranthene	ND	ND	ND	ND	0.130 J	ND	1.500	ND	ND	ND	50
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50

Test Pit Soil Analytical Summary – Table 2 (Page 2 of 2)
Semi-Volatile Organic Compounds – Method OLM 4.2

Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	RSCO (ppm)
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.40
2- Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.4
4,6- Dinitro-2- Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
4- Chloro-3- Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2- Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.100
4- Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
Naphthalene	ND	ND	ND	ND	ND	ND	0.079 J	ND	ND	ND	13
2- Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.430
3- Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.500
4- Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.200
2- Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.330
4- Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.100
N- Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Di-n-octyl Phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Phenanthrene	ND	ND	ND	ND	0.092 J	ND	1.500	ND	0.140 J	ND	50
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03
4- Bromophenyl- Phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
4- Chlorophenyl- Phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
N- nitroso-di-n- Propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Pyrene	ND	ND	ND	ND	0.110 J	ND	1.100	ND	ND	ND	50
2,4,6- Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2,4,5- Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Total Semi-Volatile Organic Compounds	**ND**	**ND**	**ND**	**0.051J**	**0.527**	**ND**	**7.825**	**ND**	**0.235**	**0.055**	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, J = estimated value, concentrations shown in shaded background indicate detection above laboratory limits, and concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives (RSCO).
2. - = No standard available.
3. Concentrations are expressed in parts per million (ppm) equivalent to mg/kg.
4. Samples collected by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).

Test Pit Soil Analytical Summary – Table 2 (Page 1 of 2)
Volatile Organic Compounds – Method OLM

Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05 D (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	Recommended Soil Cleanup Objectives
Acetone	ND	ND	0.011 J	0.450 E	0.460 D	0.081	ND	ND	ND	0.0042 J	ND	0.2
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2- Butanone (MEK)	ND	ND	ND	0.110	0.120	0.010	ND	ND	ND	ND	ND	0.3
Methyl Tert- Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Carbon Disulfide	ND	ND	ND	0.00095 J	ND	ND	ND	ND	ND	ND	ND	2.7
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,2- Dibromo-3- Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,2- Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.9
1,4- Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.5
1,3- Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,1- Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4
1,2- Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,1- Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Trans-1,2- Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
Cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,2- Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Trans-1,3- Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Cis-1,3- Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5
2- Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Methyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
4- Methyl-2- Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0

Test Pit Soil Analytical Summary – Table 2 (Page 2 of 2)
Volatile Organic Compounds – Method OLM

Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05D (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	Recommended Soil Cleanup Objectives
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,1,2,2- Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4
Toluene	ND	ND	ND	ND	0.0068 J	ND	0.0030 J	0.0034 J	ND	ND	ND	1.5
1,2,4- Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4
1,1,1- Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4
1,1,2- Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,1,2-Trichloro-1,2,2- Trifluoroeth	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
M+P- Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2
O- Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2
Total Volatile Organic Compounds	**ND**	**ND**	**0.011**	**0.56095**	**0.5868**	**0.091**	**0.0030**	**0.0034**	**ND**	**0.0042**	**ND**	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, J = estimated value, E = concentrations exceeded calibration range, D = secondary dilution, concentrations shown in shaded background indicate detection above laboratory limits, and concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives.
2. - = No standards available.
3. Concentrations are expressed in parts per million (ppm) equivalent to Mg/kg.
4. Samples collected by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).

Soil Analytical Summary – Table 2
Pesticides/ PCBs – Method OLM 4.2

Ultralife Batteries, Inc.
Newark, New York

Chemical Compound	TP-01 (3.0-3.5 ft.)	TP-02 (5.5-6.0 ft.)	TP-04 (6.5-7.0 ft.)	TP-05 (4.0-4.5 ft.)	TP-05 (5.5-6.0 ft.)	TP-09 (1.5-2.0 ft.)	TP-11 (0.5-1.0 ft.)	TP-12 (3.0-3.5 ft.)	TP-14 (1.0-1.5 ft.)	TP-15 (1.5-2.0 ft.)	Recommended Soil Cleanup Objectives
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.041
Alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11
Beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
Delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3
Gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06
Alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54
Gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54
4,4'-DDD	ND	ND	0.0045	ND	ND	ND	ND	ND	0.0076	0.0067	2.9
4,4'-DDE	0.012	ND	0.0086	0.0066	ND	ND	0.013	ND	ND	ND	2.1
4,4'-DDT	0.0073	ND	ND	ND	ND	ND	0.009	ND	ND	ND	2.1
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.044
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
Endosulfan Sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10
Endrin Aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Endrin Ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10
Heptachlor Epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Total Pesticide/PCBs	**0.0193**	**ND**	**0.0131**	**0.0066**	**ND**	**ND**	**0.022**	**ND**	**0.0076**	**0.0067**	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, concentrations shown in shaded background indicate detection above laboratory limits, and concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives.
2. - = No standard available.
3. Concentrations are expressed in parts per million (ppm) equivalent to mg/kg or mg/L.
4. Samples collected by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).

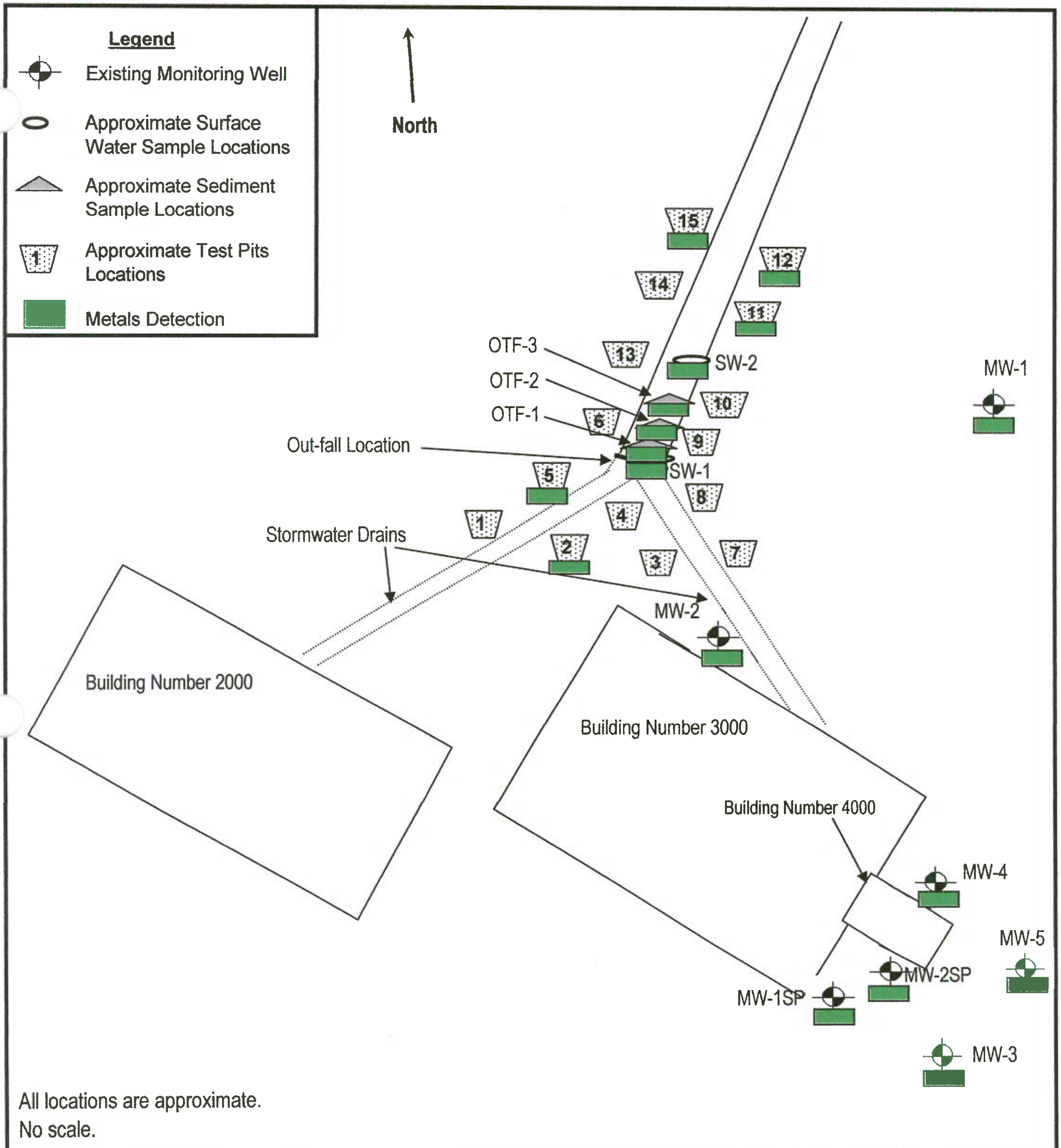
Test Pit Soil Analysis Summary – Table 2
Metals and Total Organic Carbon – Method ILM 4.2

Ultralife Batteries, Inc.
Newark, New York

	TP-12 (3.0-3.5 ft.) 11/2005	TP-16 (0.0-0.5 ft.) 5/2007	TP-17 (3.5-4.0 ft.) 5/2007	TP-19 (0.5-1.0 ft.) 5/2007	TP-22 (0.0-0.5 ft.) 5/2007	TP-22 (3.0-3.5 ft.) 5/2007	Recommended Soil Cleanup Objectives (ppm)
Arsenic	**44.7**	6.4	1.3	6.7	**8.3**	1.4	7.5 or SB
Total Organic Carbon	5,880	16,500	804	8,240	18,100	1,260	NA

Notes:

1. NA = Not Applicable, ND = Less than laboratory detection limits, Concentrations shown in bold type and shaded indicate values above New York State Department of Environmental Conservation (NYSDEC) TAGM 4046 Recommended Soil Cleanup Objectives. Concentrations shaded are above the laboratory detection limits.
2. Concentrations are expressed in parts per million (ppm) equivalent to mg/kg .
3. Sample collected from test pit TP-12 by GeoQuest Environmental, Inc. on November 2, 2005 and analyzed by Columbia Analytical Services, Rochester, New York (Lab ID # 10145).
4. Samples collected from test pits TP-16, TP-17, TP-19, and TP-22 by GeoQuest Environmental, Inc. on May 10, 2007 and analyzed by Columbia Analytical Services.



GeoQuest Environmental, Inc.
1134 Titus Avenue
Rochester, NY 14617-2411
Phone: (585) 467-1696
Fax: (585) 266-4269
www.geoquestenvironmental.com

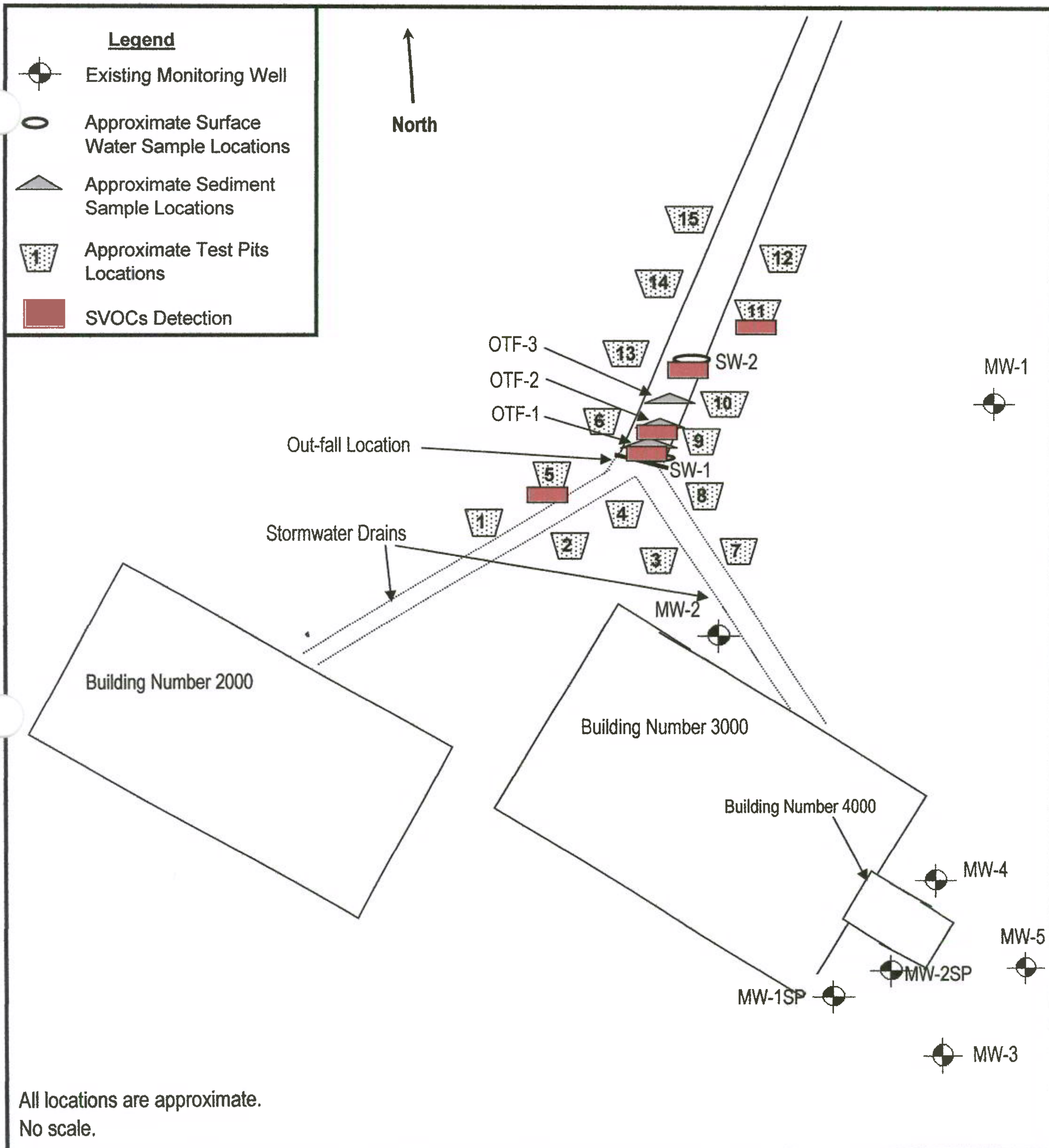
Drawn By: YEP-GeoQuest Environmental, Inc.
Checked By: SJD-GeoQuest Environmental, Inc.
Status: Final
Date: 3/20/2005

PROJECT TITLE:
Ultralife Batteries, Inc.
Newark, New York

PROJECT NUMBER: GeoQuest Job No. 51605

DRAWING: Figure 3

DRAWING TITLE: Metals Distribution



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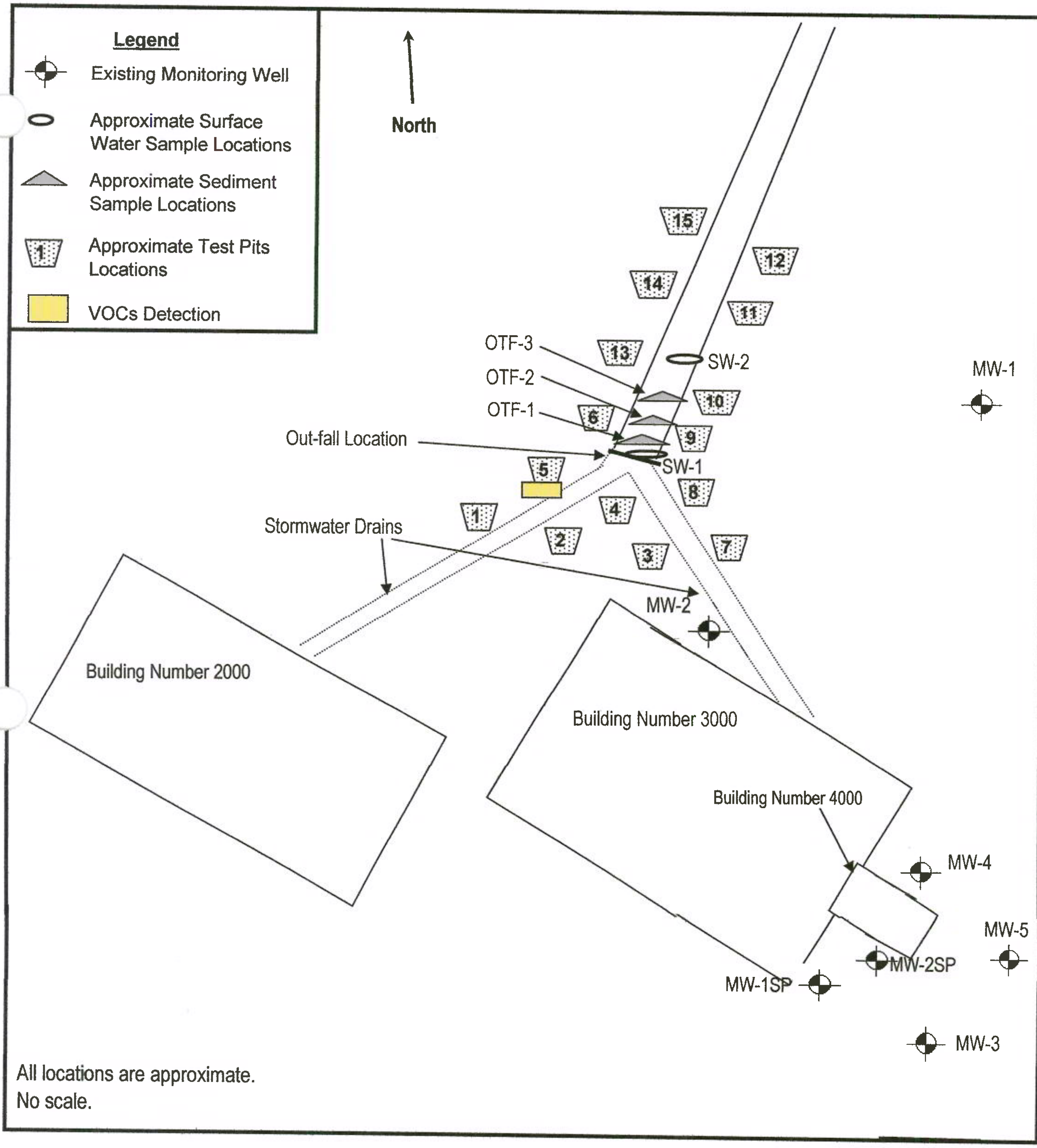
Drawn By: YEP-GeoQuest Environmental, Inc. Checked By: SJD-GeoQuest Environmental, Inc. Status: Final Date: 3/20/2005		**PROJECT TITLE:** Ultralife Batteries, Inc. Newark, New York
PROJECT NUMBER: GeoQuest Job No. 51605	**DRAWING:** Figure 4	**DRAWING TITLE:** Semi-Volatile Organics Distribution



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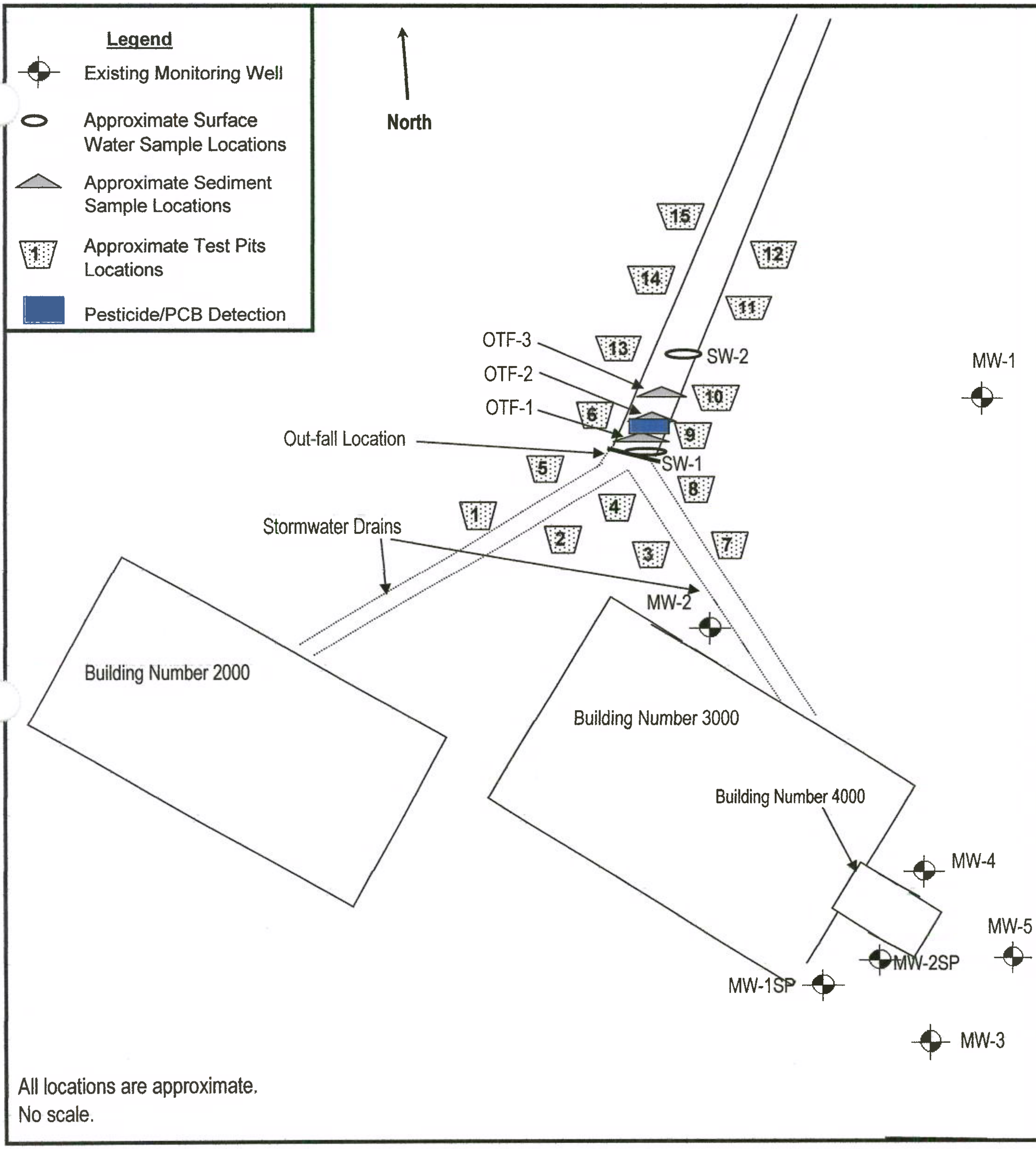
Drawn By:	YEP-GeoQuest Environmental, Inc.
Checked By:	SJD-GeoQuest Environmental, Inc.
Status:	Final
Date:	3/20/2005

PROJECT TITLE:
Ultralife Batteries, Inc.
Newark, New York

PROJECT NUMBER: GeoQuest Job No. 51605

DRAWING: Figure 5

DRAWING TITLE: Volatile Organics Distribution



GeoQuest Environmental, Inc. 1134 Titus Avenue Rochester, NY 14617-2411 Phone: (585) 467-1696 Fax: (585) 266-4269 www.geoquestenvironmental.com	Drawn By: YEP-GeoQuest Environmental, Inc. Checked By: SJD-GeoQuest Environmental, Inc. Status: Final Date: 3/20/2005	**PROJECT TITLE:** Ultralife Batteries, Inc. Newark, New York
	PROJECT NUMBER: GeoQuest Job No. 51605 / **DRAWING:** Figure 6	**DRAWING TITLE:** Pesticide/PCBs Distribution

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 3
Excavation Work Plan

APPENDIX 3 – EXCAVATION WORK PLAN

A-1 NOTIFICATION

At least 15 days prior to the start of any activity that is anticipated to extend beyond a depth of 2-feet below the ground surface, the site owner or their representative will notify the Department. Currently, this notification will be made to:

Ms. Charlotte Theobald
Division of Environmental Remediation
NYSDEC, Region 8 Office
6274 East Avon-Lima Road
Avon, New York 14414
cbtheoba@gw.dec.state.ny.us

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent, plans for replacing 2-ft. of clean material over disturbed areas, estimated volumes of soil to be excavated below 2-ft. and where this material will be relocated on-site or disposed of off-site (i.e., permitted disposal facility);
- A summary of environmental conditions anticipated in the work areas, including any known laboratory data for the soils in the area of work, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work (start and completion of all intrusive work);
- A summary of the applicable components of this EWP;
- A statement that the work will be performed in compliance with this EWP and 29 CFR 1910.120;
- A copy of the contractor's health and safety plan, in electronic format, if it differs from the HASP provided in Appendix 6 of this document;
- Identification of disposal facilities for potential waste streams; and

- Identification of sources of any anticipated backfill, along with all required chemical testing results.

A-2 SOIL SCREENING METHODS

Visual, olfactory, and instrument-based soil screening will be performed by a qualified environmental professional during all remedial and development excavations below the 2-foot depth into known or potentially contaminated material (remaining contamination). Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work, after issuance of the Limited Liability Release.

Soils will be segregated based on previous environmental data and screening results into material that requires off-site disposal, material that requires testing, material that can be returned to the subsurface, and material that can be used as cover soil.

A-3 STOCKPILE METHODS

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by NYSDEC.

A-4 MATERIALS EXCAVATION AND LOAD OUT

A qualified environmental professional or person under their supervision will oversee all invasive work beyond 2-ft. in depth and the excavation and load-out of all excavated material.

The owner of the property and its contractors are solely responsible for safe execution of all invasive and other work performed under this Plan.

The presence of utilities and easements on the site will be investigated by the qualified environmental professional. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the site.

Loaded vehicles leaving (if any) the site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYSDOT requirements (and all other applicable transportation requirements).

All outbound trucks will be deconned (washed, brushed off) before leaving the site until the activities performed under this section are complete. The qualified environmental professional will be responsible for ensuring that all outbound trucks are decontaminated (washed, brushed off) before leaving the site.

The qualified environmental professional will also be responsible for ensuring that all locations where vehicles enter or exit the site shall be inspected daily for evidence of off-site soil tracking. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials.

A-5 MATERIALS TRANSPORT OFF-SITE

All transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

All trucks will be decontaminated prior to leaving the site. Truck decontamination material will be collected and disposed of off-site in an appropriate manner in accordance with all applicable local, State, and Federal regulations.

All trucks loaded with site material will exit the vicinity of the site using only these approved truck routes. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off-site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport; (g) community input [where necessary].

Trucks will be prohibited from stopping and idling in the neighborhood outside the project site.

Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials during site remediation and development.

Queuing of trucks will be performed on-site in order to minimize off-site disturbance. Off-site queuing will be prohibited.

A-6 MATERIALS DISPOSAL OFF-SITE

All soil/fill/solid waste excavated and removed from the site will be treated as contaminated and regulated material and will be transported and disposed in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. If disposal of soil/fill from this site is proposed for unregulated off-site disposal (i.e., clean soil removed for development purposes), a formal request with an associated plan will be made to the NYSDEC. Unregulated off-site management of materials from this site will not occur without formal NYSDEC approval.

Off-site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, e.g., hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, C/D recycling facility. Actual disposal quantities and associated documentation will be provided to NYSDEC in the Periodic Review Reports. This documentation will include: waste profiles, test results, facility acceptance letters, manifests, bills of lading, and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-site will be handled, at minimum, as a Municipal Solid Waste per 6NYCRR Part 360-1.2. Material that does not meet Track 1 unrestricted SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility).

A-7 MATERIALS REUSE ON-SITE

A-7.1 SOIL COVER SYSTEM: 0-2 FEET

The soil/fill material that consists of the soil cover (0-2 feet) will be stockpiled and staged separately from the soil/fill material located below the soil cover (greater than 2 feet deep). Soil cover material excavated can be reused as soil cover material as long as there is no evidence of staining, grossly contaminated material, PID readings (greater than 10 ppm above background), or odors. If the cover system soil/fill material has evidence of staining, grossly contaminated material, elevated PID readings or odors then the soil/fill material must be either sampled to determine if it can be placed below the 2 foot soil cover system or it must be containerized and characterized for off-site disposal.

A-7.2 SOIL BELOW THE COVER SYSTEM

Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for re-use on-site will be placed 2.0-feet below the soil cover or impervious surface and will not be reused within the cover soil layer (i.e., within 2-ft. of the surface). Material reused on-site does not require sampling that is placed below the soil cover. If there is evidence that the soil/fill material is impacted (e.g., staining, odors, PID readings, grossly contaminated), sampling will need to be completed to determine if the material can be placed below the soil cover or off-site disposal is needed. Grossly contaminated soil/fill material cannot be returned to the excavation and must be disposed off-site in accordance with all applicable local, State and Federal regulations.

The segregated soil/fill material will be stockpiled on and covered with a minimum of a double layer of 6 mil polyethene sheeting.

The qualified environmental professional will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material does not remain on-site. Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for re-use on-site will be placed below the soil cover layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Any demolition material proposed for reuse on-site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. The crushing or processing of and the reuse of potentially contaminated concrete on the site will not be performed without prior NYSDEC notification and approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the site will be managed in accordance with all applicable local, State, and Federal regulations.

A-8 FLUIDS MANAGEMENT

All liquids to be removed from the site, including excavation dewatering and groundwater monitoring well purge and development waters, will be handled, transported and disposed in accordance with applicable local, State, and Federal regulations. Discharge of water generated during large-scale construction activities to surface waters (i.e., a local pond, stream or river) will be performed under a SPDES permit.

A-9 COVER SYSTEM RESTORATION

After the completion of soil removal and any other invasive activities the cover system will be restored in a manner that complies with the RAWP. If the type of cover system changes from that which exists prior to the excavation (e.g., a soil cover is replaced by asphalt), this will constitute a modification of the cover element of the remedy. A figure showing the modified surface will be included in the subsequent Periodic Review Report and in any updates to the Site Management Plan.

A-10 BACKFILL FROM OFF-SITE SOURCES

All material proposed for import onto the site will be approved by the qualified environmental professional and will be in compliance with the provisions in this SMP prior to receipt at the Site.

Material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated sites will not be imported to the site. All imported soils will meet the backfill and cover soil quality standards established in 6NYCRR 375-6.7(d).

Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this site, will not be imported onto the site without prior approval by NYSDEC. Solid waste will not be imported onto the site.

Trucks entering the site with imported soils will be securely covered with tight fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent wind and precipitation erosion issues.

A-11 STORMWATER POLLUTION PREVENTION

With regard to larger excavations that may be proposed at the Site, procedures for stormwater pollution prevention shall be specified in a project-specific Stormwater Pollution Prevention Plan that conforms to the requirements of NYSDEC Division of Water guidelines and NYS regulations. If not covered in the project-specific Stormwater Pollution Prevention Plan, the following will also apply:

- Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by NYSDEC. All necessary repairs shall be made immediately.

- Accumulated sediments will be removed as required to keep the barrier and hay bale check functional.
- All undercutting or erosion of the silt fence to anchor shall be repaired immediately with appropriate backfill materials.
- Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.
- Erosion and sediment control measures identified in the SMP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.
- Silt fencing or hay bales will be installed around the entire perimeter of the construction area.

A-12 CONTINGENCY PLAN

If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for full list of analytes (TAL metals, TCL volatiles and semi-volatiles, pesticides and PCBS), unless the site history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included in the Periodic Review Reports prepared pursuant to Section 5 of the SMP.

A-13 ODOR CONTROL PLAN

This odor control plan is capable of controlling emissions of nuisance odors off-site [and on-site, if there are residents or tenants on the property]. Specific odor control methods to be used on a routine basis will include limiting the area of open excavations and size of soil stockpiles and covering soil stockpiles. If nuisance odors are identified at the site boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the property owner's Remediation Engineer, and any measures that are implemented will be discussed in the Periodic Review Report.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

A-14 COMMUNITY AIR MONITORING AND FUGITIVE DUST AND PARTICULATE MONITORING PLAN

A copy of the Community Air Monitoring Plan (CAMP) and Fugitive Dust and Particulate Monitoring Plan component of the EWP, obtained from Appendix 1A and 1B of NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010, is included as Appendix 8 of the SMP. The air monitoring station locations will be based on prevailing wind conditions for that day and will be checked throughout the day and adjusted according to the prevailing wind direction. The provisions of the CAMP and the Fugitive Dust and Particulate Monitoring will be followed during all ground-intrusive activities greater than 2-ft. in depth performed at the Site. Exceedances of action levels listed in the CAMP and Fugitive Dust and Particulate Monitoring will be reported to the NYSDEC and NYSDOH Project Managers.

A-15 DUST CONTROL PLAN

Dust will be managed during invasive on-site work and will include, at a minimum, the items listed below:

- Dust suppression will be conducted as needed on roads. Watering trucks will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water truck sprinkling.

A-16 OTHER NUISANCES

A plan for rodent control will be developed and utilized by the contractor prior to and during site clearing and site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise and control ordinances.

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 4
Groundwater Sampling Log

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

WELL I.D.: ____________

Project Name: Ultralife Corporation
Location: 2000 Technology Parkway, Newark, New York
Project No.: 209025
Sampled By: ____________
Date: ____________
Weather: ____________

WELL SAMPLING INFORMATION

Well Diameter: ____________
Depth of Well: ____________
Measuring Point: Top of PVC
Pump Type: QED Sample Pro Bladder Pump (Low Flow)
Static Water Level: ____________
Length of Well Screen: ____________
Depth to Top of Pump: ____________
Tubing Type: ____________

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (µS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/L)	Redox (mV)	Alkalinity	Iron (II)	Comments
			+/- 0.1		+/- 3%		+ 10%	+/- 10 mV			

Total ________ Gallons Purged

Purge Time Start: ____________ Purge Time End: ____________ Final Static Water Level: ____________

OBSERVATIONS

Notes:

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 5
Quality Assurance Project Plan

1. Introduction

This Quality Assurance Project Plan (QAPP) contains procedures that provide for collected data to be properly evaluated and document that Quality Control (QC) procedures have been followed in the collection of samples. This QAPP represents the methodology and measurement procedures used in collecting quality field data. This methodology includes the proper use of equipment, documentation of sample collection, and sample handling practices.

Procedures used in LaBella Associates, P.C.'s (LaBella's) QC program are compatible with federal, state, and local regulations, as well as, appropriate professional and technical standards.

This QC program has been organized into the following areas:

- QC Objectives and Checks
- Field Equipment, Handling, and Calibration
- Sampling Techniques
- Sample Handling and Packaging

It should be noted that the Site Management Plan (SMP) may have site-specific details that will differ from the procedures in this QC program. In such cases, the SMP should be followed (subsequent to regulatory approval).

2. Quality Control Objectives

The United States Environmental Protection Agency (USEPA) has identified five general levels of analytical data quality as being potentially applicable to site investigations conducted under CERCLA. These levels are summarized below:

- **Level I -** Field screening. This level is characterized by the use of portable instruments, which can provide real-time data to assist in the optimization of sampling point locations and for health and safety support. Data can be generated regarding the presence or absence of certain contaminants (especially volatiles) at sampling locations.
- **Level II -** Field analysis. This level is characterized by the use of portable analytical instruments, which can be used on site or in mobile laboratories stationed near a site (close-support labs). Depending upon the types of contaminants, sample matrix, and personnel skills, qualitative and quantitative data can be obtained.
- **Level III -** Laboratory analysis using methods other than the Contract Laboratory Program (CLP) Routine Analytical Services (RAS). This level is used primarily in support of engineering studies using standard USEPA-approved procedures. Some procedures may be equivalent to CLP RAS, without the CLP requirements for documentation.
- **Level IV -** CLP Routine Analytical Services. This level is characterized by rigorous QC protocols and documentation and provides qualitative and quantitative analytical data. Some regions have obtained similar support via their own regional laboratories, university laboratories, or other commercial laboratories.
- **Level V -** Non-standard methods. Analyses, which may require method modification and/or

development. CLP Special Analytical Services (SAS) are considered Level V.

Unless stated otherwise, all data will be generated in accordance with Level IV. When CLP methodology is not available, federal and state approved methods will be utilized. Level III will be utilized, as necessary, for non-CLP RAS work which may include ignitability, corrosivity, reactivity, EP toxicity, and other state approved parameters for characterization. Level I will be used throughout the implementation of the SMP for health and safety monitoring activities.

All measurements will be made to provide that analytical results are representative of the media and conditions measured. Unless otherwise specified, all data will be calculated and reported in units consistent with other organizations reporting similar data to allow comparability of data bases among organizations. Data will be reported in µg/L and mg/L for aqueous samples, and µg/kg and mg/kg (dry weight) for soils, or otherwise as applicable.

The characteristics of major importance for the assessment of generated data are accuracy, precision, completeness, representativeness, and comparability. Application of these characteristics to specific projects is addressed later in this document. The characteristics are defined below.

2.1. Accuracy

Accuracy is the degree of agreement of a measurement or average of measurements with an accepted reference or "true" value and is a measure of bias in the system.

2.2. Precision

Precision is the degree of mutual agreement among individual measurements of a given parameter.

2.3. Completeness

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount expected to be obtained under correct normal conditions.

2.4. Representativeness

Representativeness expresses the degree to which data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, a process condition, or an environmental condition

Careful choice and use of appropriate methods in the field will ensure that samples are representative. This is relatively easy with water or air samples since these components are homogeneously dispersed. In soil and sediment, contaminants are unlikely to be evenly distributed, and thus it is important for the sampler and analyst to exercise good judgment when removing a sample.

2.5. Comparability

Comparability expresses the confidence with which one data set can be compared to another. The data sets may be inter- or intra- laboratory.

3. Measurement of Data Quality

3.1. Accuracy

Accuracy of a particular analysis is measured by assessing its performance with "known" samples. These "knowns" take the form of USEPA standard reference materials, or laboratory prepared solutions of target analytes spiked into a pure water or sample matrix. In the case of GC or GC/MS analyses, solutions of surrogate compounds, which can be spiked into every sample and are designed to mimic the behavior of target analytes without interfering with their determination, are used.

In each case the recovery of the analyte is measured as a percentage, correcting for analytes known to be present in the original sample if necessary, as in the case of a matrix spike analysis. For USEPA supplied known solutions, this recovery is compared to the published data that accompany the solution.

For LaBella's prepared solutions, the recovery is compared to USEPA-developed data or LaBella’s historical data as available. For surrogate compounds, recoveries are compared to USEPA CLP acceptable recovery tables.

If recoveries do not meet required criteria, then the analytical data for the batch (or, in the case of surrogate compounds, for the individual sample) are considered potentially inaccurate. The analyst or his supervisor must initiate an investigation of the cause of the problem and take corrective action. This can include recalibration of the instrument, reanalysis of the QC sample, reanalysis of the samples in the batch, or flagging the data as suspect if the problems cannot be resolved. For highly contaminated samples, recovery of the matrix spike may depend on sample homogeneity. As a rule, analyses are not corrected for recovery of matrix spike or surrogate compounds.

3.2. Precision

Precision of a particular analysis is measured by assessing its performance with duplicate or replicate samples. Duplicate samples are pairs of samples taken in the field and transported to the laboratory as distinct samples. Their identity as duplicates is sometimes not known to ASC and usually not known to bench analysts, so their usefulness for monitoring analytical precision at bench level is limited. For most purposes, precision is determined by the analysis of replicate pairs (i.e., two samples prepared at the laboratory from one original sample). Often in replicate analysis the sample chosen for replication does not contain target analytes so that quantitation of precision is impossible. For USEPA CLP analyses, replicate pairs of spiked samples, known as matrix spike/matrix spike duplicate samples, are used for precision studies. This has the advantage that two real positive values for a target analyte can be compared.

Precision is calculated in terms of Relative Percent Difference (RPD).

- Where X_1 and X_2 represent the individual values found for the target analyte in the two replicate analyses or in the matrix spike/matrix spike duplicate analyses.
- RPDs must be compared to the method RPD for the analysis. The analyst or his supervisor must investigate the cause of RPDs outside stated acceptance limits. This may include a visual inspection of the sample for non homogeneity, analysis of check samples, etc. Follow-up action may include sample reanalysis or flagging of the data as suspect if problems cannot be resolved.
- During the data review and validation process, field duplicate RPDs are assessed as a measure of the total variability of both field sampling and laboratory analysis.

3.3. Completeness

Completeness for each parameter is calculated as follows:

- LaBella's target value for completeness for all parameters is 100%. A completeness value of 95% will be considered acceptable. Incomplete results will be reported to the site managers. In planning the field sample collection, the site manager will plan to collect field duplicates from identified critical areas. This procedure should assure 100% completeness for these areas.

3.4. Representativeness

The characteristic of representativeness is not quantifiable. Subjective factors to be taken into account are as follows:

- The degree of homogeneity of a site;
- The degree of homogeneity of a sample taken from one point in a site; and
- The available information on which a sampling plan is based.

To maximize representativeness of results, sampling techniques and sample locations will be carefully chosen so that they provide laboratory samples representative of the site and the specific area. Within the laboratory, precautions are taken to extract from the sample bottle an aliquot representative of the whole sample. This includes premixing the sample and discarding pebbles from soil samples.

4. QC Targets

Target values for detection limit, percent spike recovery and percent "true" value of known check standards, and RPD of duplicates/replicates are included in the QAPP, Analytical Procedures. Note that tabulated values are not always attainable. Instances may arise where high sample concentrations, non homogeneity of samples, or matrix interferences preclude achievement of target detection limits or other quality control criteria. In such instances, LaBella will report reasons for deviations from these detection limits or noncompliance with quality control criteria.

5. Groundwater Sampling Procedures

The groundwater sampling plan outlined in this subsection has been prepared in general accordance with RCRA Groundwater Monitoring Technical Enforcement Guidance Document 9950.1 (September 1986), Office of Solid Waste and Emergency Response.

Water levels in all existing monitoring wells will be measured to within 0.01 foot prior to purging and sampling. Purging and sampling of each well will be accomplished as specified in the Site Management Plan (i.e., using low-flow sampling techniques).

In addition to the protocols in the SMP, the following will also be conducted:

- Water clarity will be quantified during sampling with a turbidity meter;
- Any observable physical characteristics of the groundwater (e.g., color, sheen, odor, turbidity) at the time of sampling will be recorded; and
- Weather conditions (i.e., air temperature, sky condition, recent heavy rainfall, drought conditions) at the time of sampling will be recorded.

The volumes specified in Table 1 will be used for the samples to be collected.

6. Management of Sampling-Derived Waste

<u>Purpose:</u>

The purposes of these guidelines are to ensure the proper holding, storage, transportation, and disposal of materials. Sampling-derived waste (SDW) included the following:

- Well development and purge waters and discarded groundwater samples;
- Decontamination waters and associated solids;
- Soiled disposable personal protective equipment (PPE);
- Used disposable sampling equipment;
- Used plastic sheeting and aluminum foil;
- Other equipment or materials that either contain or have been in contact with potentially-impacted environmental media.

<u>Procedure:</u>

1. Personal protective equipment, disposable sampling equipment, and similar equipment may be disposed as municipal waste, unless waste characterization results mandate disposal as industrial wastes.
2. Groundwater purge waters will be containerized and the results of the groundwater testing will be used to determine disposal methods. Depending on the sample results, the purge waters can be disposed of to the sanitary sewer system (subsequent to approval by the municipality) or if impacts warrant, then the purge waters will be profiled and shipped off-site for disposal at a NYSDEC permitted facility. All waste containers for disposal should be staged in a secure area with controlled access. Pending transfer, all containers will be covered and secured when not immediately attended. Label all containers with regard to contents, origin, and date of generation. Use indelible ink for all labeling.

7. Decontamination

Sampling methods and equipment have been chosen to minimize decontamination requirements and to prevent the possibility of cross-contamination. Decontamination of equipment will be performed between discrete sampling locations. Equipment used to collect composite samples will not require decontamination between aliquots of the same composite sample. All sampling equipment will be decontaminated prior to sampling, after sampling each monitoring well, and after the completion of all sampling.

Decontamination will consist of:

- Alconox and water scrubbing with brushes; and
- Potable water rinse.

8. Sample Containers

The volumes and containers required for the sampling activities are included in pre-washed sample containers will be ordered directly from a firm, which prepares the containers in accordance with USEPA bottle washing procedures.

Table 1
Groundwater Samples
(all may not apply)

Type of Analysis	Type and Size of Container	Number of Containers and Sample Volume (per sample)	Preservation	Maximum Holding Time
Volatile Organics	40-ml glass vial with Teflon-backed septum	Two (2); fill completely, no air space	Cool to 4° C (ice in cooler), Hydrochloric acid to pH <2	7 days
Semi-volatile Organics	1,000-ml amber glass jar	One (1); fill completely	Cool to 4° C (ice in cooler)	7/40 days
Pesticides	1,000-ml amber glass jar	One (1); fill completely	Cool to 4° C (ice in cooler)	7/40 days
PCBs	1,000-ml amber glass jar	One (1); fill completely	Cool to 4° C (ice in cooler)	7/40 days
Metals	500-ml polyethylene	One (1); fill completely	Cool to 4° C (Nitric acid to pH <2	6 months

Notes: 1. Holding time is based on the times from verified time of sample receipt at the laboratory.

2. All sample bottles will be prepared in accordance with USEPA bottle washing procedures. These procedures are incorporated in LaBella's Quality Control Procedures Manual, January, 1992.

TABLE 2
Soil Samples

Type of Analysis	Type and Size of Container	Number of Containers and Sample Volume (per sample)	Preservation	Maximum Holding Time
Volatile Organics, Semi-volatile Organics, PCBs, and Pesticides	8-oz, glass jar with Teflon-lined cap	Two (2), fill as completely as possible	Cool to 4° C (ice in cooler)	7 days
RCRA Characterization	8-oz. glass jar with Teflon-lined cap	One (1); fill completely	Cool to 4° C (ice in cooler)	Must be extracted within 10 days; analyzed with 30 days

Notes: 1. Holding time is based on the times from verified time of sample receipt at the laboratory.

2. All sample bottles will be prepared in accordance with USEPA bottle washing procedures. These procedures are incorporated in LaBella's Quality Control Procedures Manual, January, 1992.

TABLE 3
List of Major Instruments for Sampling and Analysis

- Photovac Micro Tip PID or MiniRae PID
- Hollige Series 963 Nephlometer (turbidity meter)
- pH/Temperature/Conductivity Meter - Portable
- Hewlett Packard (HP) 1000 computer with RTE-6 operating system; and HP 9144 computer with RTE-4 operating system equipped with Aquarius software for control and data acquisition from gas chromatograph/mass spectrometer (GC/MS) systems; combined wiley and National Bureau of Standards (NBS) mass spectral library; and data archiving on magnetic tape
- Viriam 6000 and 37000 gas chromatrographs equipped with flame ionization, electron capture, photoionization and wall detectors as appropriate for various analyses,, and interfaced to Variam DS604 or D5634 data systems for processing data.
- Spectra-Physics Model SP 4100 and SP 4270 and Variam 4270 cam puting integrators
- Perkin Eimer (PE) 3000% and 3030% fully Automated Atomic Absorption Spectrophotometers (AAS) with Furnace Atomizer and background correction system
- PE Plasma II Inductively Coupled Argon Plasma (ICAP) Spectre meter with PE7500 laboratory computer
- Dionex 20001 ion chromatograph with conductivity detector for anion analysis, with integrating recorder

9. Sample Custody

This section describes standard operating procedures for sample identification and chain-of-custody to be utilized for all Phase II field activities. The purpose of these procedures is to ensure that the quality of the samples is maintained during their collection, transportation, and storage through analysis. All chain-of-custody requirements comply with standard operating procedures indicated in USEPA sample handling protocol.

Sample identification documents must be carefully prepared so that sample identification and chain-of-custody can be maintained and sample disposition controlled. Sample identification documents include:

- Field notebooks,
- Sample label,
- Custody seals, and
- Chain-of-custody records.

10. Chain-of-Custody

The primary objective of the chain-of-custody procedures is to provide an accurate written or computerized record that can be used to trace the possession and handling of a sample from collection to completion of all required analyses. A sample is in custody if it is:

- In someone's physical possession;
- In someone's view;
- Locked up; or
- Kept in a secured area that is restricted to authorized personnel.

10.1. Field Custody Procedures

- As few persons as possible should handle samples.
- Sample bottles will be obtained precleaned from a source such as I-Chem. Coolers or boxes containing cleaned bottles should be sealed with a custody tape seal during transport to the field or while in storage prior to use.
- The sample collector is personally responsible for the care and custody of samples collected until they are transferred to another person or dispatched properly under chain-of-custody rules.
- The sample collector will record sample data in the notebook.
- The site manager will determine whether proper custody procedures were followed during the fieldwork and decide if additional samples are required.

10.2. Sample Tags

Sample tags attached to or affixed around the sample container must be used to properly identify all samples collected in the field. The sample tags are to be placed on the bottles so as not to obscure any QC lot numbers on the bottles; sample information must be printed in a legible manner using waterproof ink. Field identification must be sufficient to enable cross-reference with the logbook. For chain-of-custody purposes, all QC samples are subject to exactly the same custodial procedures and documentation as "real" samples.

10.3. Transfer of Custody and Shipment

- The coolers in which the samples are packed must be accompanied by a chain-of-custody record. When transferring samples, the individuals relinquishing and receiving them must sign, date, and note the time on the chain-of-custody record. This record documents sample custody transfer
- Shipping containers must be sealed with custody seals for shipment to the laboratory. The method of shipment, name of courier, and other pertinent information are entered in the "Remarks" section of the chain-of-custody record and traffic reports.
- All shipments must be accompanied by the chain-of-custody record identifying their contents. The original record accompanies the shipment. The other copies are distributed appropriately to the site manage.
- If sent by mail, the package is registered with return receipt requested. If sent by common carrier, a bill of lading is used. Freight bills, Postal Service receipts, and bill of lading are retained as part of the permanent documentation.

10.4. Chain-of-Custody Record

The chain-of-custody record must be fully completed in duplicate, using black carbon paper where possible, by the field technician who has been designated by the project manager as responsible for sample shipment to the appropriate laboratory for analysis. In addition, if samples are known to require rapid turnaround in the laboratory because of project time constraints or analytical concerns (e.g., extraction time or sample retention period limitations, etc.), the person completing the chain-of-custody record should note these constraints in the "Remarks" section of the record.

10.5. Laboratory Custody Procedures

A designated sample custodian accepts custody of the shipped samples and verifies that the sample identification number matches that on the chain-of-custody record and traffic reports, if required. Pertinent information as to shipment, pickup, and courier is entered in the "Remarks" section.

10.6. Custody Seals

Custody seals are preprinted adhesive-backed seals with security slots designed to break if the seals are disturbed. Sample shipping containers (coolers, cardboard boxes, etc., as appropriate) are sealed in as many places as necessary to ensure security. Seals must be signed and dated before use. On receipt at the laboratory, the custodian must check (and certify, by completing the package receipt log and LABMIS entries) that seals on boxes and bottles are intact. Strapping tape should be placed over the seals to ensure that seals are not accidentally broken during shipment.

11. Documentation

11.1. Sample Identification

All containers of samples collected from the project will be identified using the following format on a label or tag fixed to the sample container (labels are to be covered with Mylar tape):

XX-YY-O/D

- XX This set of initials indicates the specific Phase II sampling project
- YY These initials identify the sample location. Actual sample locations will be recorded in the task log.
- O/D An "O" designates an original sample; "D" identifies it as a duplicate.

Each sample will be labeled, chemically preserved, if required and sealed immediately after collection. To minimize handling of sample containers, labels will be filled out prior to sample collection. The sample label will be filled out using waterproof ink and will be firmly affixed to the sample containers and protected with Mylar tape. The sample label will give the following information:

- Name of sampler,
- Date and time of collection,
- Sample number,
- Analysis required,
- pH, and
- Preservation.

11.2. Daily Logs

Daily logs and data forms are necessary to provide sufficient data and observations to enable participants to reconstruct event that occurred during the project and to refresh the memory of the field personnel if called upon to give testimony during legal proceedings. All daily logs will be kept in a bound waterproof notebook containing numbered pages. All entries will be made in waterproof ink, dated, and signed. No pages will be removed for any reason. Corrections will be made according to the procedures given at the end of this section. The daily logs will include a site log and task log.

The site log is the responsibility of the site manager and will include a complete summary of the day's activity at the site.

The **Task Log** will include:

- Name of person making entry (signature).
- Names of team members on-site.
- Levels of personnel protection:
  - Level of protection originally used;
  - Changes in protection, if required; and
  - Reasons for changes.

- Time spent collecting samples.
- Documentation on samples taken, including:
  - Sampling location and depth station numbers;
  - Sampling date and time, sampling personnel;
  - Type of sample (grab, composite, etc.); and
  - Sample matrix.
- On-site measurement data.
- Field observations and remarks.
- Weather conditions, wind direction, etc.
- Unusual circumstances or difficulties.
- Initials of person recording the information.

12. Corrections to Documentation

12.1. Notebook

As with any data logbooks, no pages will be removed for any reason. If corrections are necessary, these must be made by drawing a single line through the original entry (so that the original entry can still be read) and writing the corrected entry alongside. The correction must be initialed and dated. Most corrected errors will require a footnote explaining the correction.

12.2. Sampling Forms

As previously stated, all sample identification tags, chain-of-custody records, and other forms must be written in waterproof ink. None of these documents are to be destroyed or thrown away, even if they are illegible or contain inaccuracies that require a replacement document.

If an error is made on a document assigned to one individual, that individual may make corrections simply by crossing a line through the error and entering the corrected information. The incorrect information should not be obliterated. Any subsequent error discovered on a document should be corrected by the person who made the entry. All corrections must be initialed and dated.

12.3. Photographs

Photographs will be taken as directed by the site manager. Documentation of a photograph is crucial to its validity as a representation of an existing situation. The following information will be noted in the task log concerning photographs:

- Date, time, location photograph was taken;
- Photographer (signature);
- Weather conditions;
- Description of photograph taken;
- Reasons why photograph was taken;
- Sequential number of the photograph and the film roll number; and
- Camera lens system used.

After the photographs have been developed, the information recorded in the field notebook should be transferred to the back of the photographs

13. Sample Handling, Packaging, and Shipping

The transportation and handling of samples must be accomplished in a manner that not only protects the integrity of the sample, but also prevents any detrimental effects due to the possible hazardous nature of samples. Regulations for packaging, marking, labeling, and shipping hazardous materials are promulgated by the United States Department of Transportation (DOT) in the Code of Federal Regulation, 49 CFR 171 through 177. All samples will be delivered to the laboratory with 24 to 48 hours from the day of collection.

All chain-of-custody requirements must comply with standard operating procedures in the USEPA sample handling protocol. All sample control and chain-of-custody procedures applicable to the Consultant are presented in the Field Personnel Chain-of-Custody Documentation and Quality Control Procedures Manual, January 1992.

13.1. Sample Packaging

Samples must be packaged carefully to avoid breakage or contamination and must be shipped to the laboratory at proper temperatures. The following sample packaging requirements will be followed:

- Sample bottle lids must never be mixed. All sample lids must stay with the original containers.
- The sample volume level can be marked by placing the top of the label at the appropriate sample height, or with a grease pencil. This procedure will help the laboratory to determine if any leakage occurred during shipment. The label should not cover any bottle preparation QC lot numbers.
- All sample bottles are placed in a plastic bag to minimize the potential for vermiculite contamination.
- Shipping coolers must be partially filled with packing materials and ice when required, to prevent the bottles from moving during shipment.
- The sample bottles must be placed in the cooler in such a way as to ensure that they do not touch one another.
- The environmental samples are to be cooled. The use of "blue ice" or some other artificial icing material is preferred. If necessary, ice may be used, provided that it is placed in plastic bags. Ice is not to be used as a substitute for packing materials.
- Any remaining space in the cooler should be filled with inert packing material. Under no circumstances should material such as sawdust, sand, etc., be used.
- A duplicate custody record and traffic reports, if required must be placed in a plastic bag and taped to the bottom of the cooler lid. Custody seals are affixed to the sample cooler.

13.2. Shipping Containers

Shipping containers are to be custody-sealed for shipment as appropriate. The container custody seal will consist of filament tape wrapped around the package at least twice and custody seals affixed in such a way that access to the container can be gained only by cutting the filament tape and breaking a seal.

Field personnel will make arrangements for transportation of samples to the lab. When custody is relinquished to a shipper, field personnel will telephone the lab custodian to inform him of the expected time of arrival of the sample shipment and to advise him of any time constraints on sample analysis. The lab must be notified as early in the week as possible, and in no case later than 3 p.m. (EST) on Thursday, regarding samples intended for Saturday delivery.

13.3. Marking and Labeling

- Use abbreviations only where specified.
- The words "This End Up" or "This Side Up" must be clearly printed on the top of the outer package. Upward pointing arrows should be placed on the sides of the package. The words "Laboratory Samples" should also be printed on the top of the package.
- After a sample container has been sealed, two chain-of-custody seals are placed on the container, one on the front and one on the back. The seals are protected from accidental damage by placing strapping tape over then.
- If samples are designated as medium or high hazard, they must be sealed in metal paint cans, placed in the cooler with vermiculite and labeled and placarded in accordance with DOT regulations.
- In addition, the coolers must also be labeled and placarded in accordance with DOT regulations if shipping medium and high hazard samples.

14. Calibration Procedures and Frequency

All instruments and equipment used during sampling and analysis will be operated, calibrated, and maintained according to the manufacturer's guidelines and recommendations as well as criteria set forth in the applicable analytical methodology references. Operation, calibration, and maintenance will be performed by personnel properly trained in these procedures. Documentation of all routine and special maintenance and calibration information will be maintained in an appropriate logbook or reference file, and will be available on request. Table 7-1 lists the major instruments to be used for sampling and analysis. Brief descriptions of calibration procedures for major field and laboratory instruments follow.

15. Field Instrumentation

15.1. Photovac Micro Tip Flameionizer (FID)

Standard operating procedures for the FID require that routine maintenance and calibration be performed every six months. Field calibration will be performed on a daily basis. The packages used for calibration are non-toxic analyzed gas mixtures available in pressurized containers.

15.2. Photovac/MiniRae Photoionization Detector (PID)

Standard operating procedures for the PID require that routine maintenance and calibration be performed every six months. Field calibration will be performed on a daily basis. The packages used for calibration are non-toxic analyzed gas mixtures available in pressurized containers.

15.3. Conductance, Temperature, and pH Meter

Temperature and conductance instruments are factory calibrated. Temperature accuracy can be checked against an NBS certified thermometer prior to field use if necessary. Conductance accuracy may be checked with a solution of known conductance and recalibration can be instituted, if necessary.

To recalibrate conductance, remove the black plug revealing the adjustment potentiometer screw. Add standard solution to cup, discard and refill. Repeat procedure until the digital display indicates the same value twice in a row. Adjust the potentiometer until the digital display indicates the known value of conductance. To increase the digital display reading, turn the adjustment potentiometer screw counter-clockwise (clockwise to decrease).

To standardize the pH electrode and meter, place the pH electrode in the 7.0 buffer bottle. Adjust the "ZERO" potentiometer on the face of the tester so that the digital display indicates 7.00.

Then place the pH electrode in the 4.0 or 10.0 buffer bottle (depending on where you expect the actual measurement to be). Adjust the "SLOPE" potentiometer on the face of the tester so that the digital display indicates the value of the buffer chosen.

Note: There is interaction between the "ZERO" and "SLOPE" adjustments, so the procedure should be repeated several times.

Do not subject the pH electrode to freezing temperatures.

It is good practice to rinse the electrode in distilled water when going from one buffer to another. When not in use the cap should be kept on the electrode. Keeping the cotton in the cap moist will keep the electrode ready to use. Moisten the cotton frequently (once a week, usually).

15.4. Nephelometer (Turbidity Meter)

The Series 95 nephelometer is calibrated before each use. Allow the instrument to warm up for approximately 2 hours. Using turbidity-free deionized water, zero the meter. Set the scale to 100, fill with a 40 NTU standard (AEPA-1 turbidity standard from Advanced Polymer Systems, Inc.), and insert into the instrument. Adjust the standardize control to give a readout of 200. Re-zero the instrument and repeat these steps with the scale set at 10 and 1 using 4.0 and 0.4 NTU standards, respectively. These standards are prepared by diluting aliquots of the 40 NTU standard.

16. Internal Quality Control Checks

QC data are necessary to determine precision and accuracy and to demonstrate the absence of interferences and/or contamination of field equipment. Field-based QC will comprise at least 10% of each data set generated and will consist of standards, replicates, spikes, and blanks. Field duplicates and field blanks will be analyzed by the laboratory as samples and will not necessarily be identified to the laboratory as duplicates or blanks. For each matrix, field duplicates will be provided at a rate of one per 10 samples collected or one per shipment, whichever is greater. Field blanks which consist of trip, routine field, and rinsate blanks will be provided at a rate of one per 20 samples collected for each parameter group, or one per shipment, whichever is greater.

Calculations will be performed for recoveries and standard deviations along with review of retention times, response factors, chromatograms, calibration, tuning, and all other QC information generated. All QC data, including split samples, will be documented in the site logbook. QC records will be retained and results reported with sample data.

16.1. Blank Samples

Blank samples are analyzed in order to assess possible contamination from the field and/or laboratory so that corrective measures may be taken, if necessary. Field samples are discussed in the following subsection:

16.2. Field Blanks

Various types of blanks are used to check the cleanliness of field handling methods. The following types of blanks may be used: the trip blank, the routine field blank, and the field equipment blank. They are analyzed in the laboratory as samples, and their purpose is to assess the sampling and transport procedures as possible sources of sample contamination. Field staff may add blanks if field circumstances are such that they consider normal procedures are not sufficient to prevent or control sample contamination, or at the direction of the project manager. Rigorous documentation of all blanks in the site logbooks is mandatory.

- **Routine Field Blanks** or bottle blanks are blank samples prepared in the field to access ambient field conditions. They will be prepared by filling empty sample containers with deionized water and any necessary preservatives. They will be handled like a sample and shipped to the laboratory for analysis.
- **Trip Blanks** are similar to routine field blanks with the exception that they are **<u>not</u>** exposed to field conditions. Their analytical results give the overall level of contamination from everything except ambient field conditions. For the RI/FS, one trip blank will be collected with every batch of water samples for volatile organic analysis. Each trip blank will be prepared by filling a 40-ml vial with deionized water prior to the sampling trip, transported to the site, handled like a sample, and returned to the laboratory for analysis without being opened in the field.
- **Field Equipment Blanks** are blank samples (sometimes called transfer blanks or rinsate blanks) designed to demonstrate that sampling equipment has been properly prepared and cleaned before field use, and that cleaning procedures between samples are sufficient to minimize cross contamination. If a sampling team is familiar with a particular site, they may be able to predict which areas or samples are likely to have the highest concentration of contaminants. Unless other constraints apply, these samples should be taken last to avoid

excessive contamination of sampling equipment.

16.3. Field Duplicates

Field duplicate samples consist of a set of two samples collected independently at a sampling location during a single sampling event. In some instances the field duplicate can be a blind duplicate, i.e., indistinguishable from other analytical samples so that personnel performing the analyses are not able to determine which samples are field duplicates. Field duplicates are designed to assess the consistency of the overall sampling and analytical system.

16.4. Quality Control Check Samples

Inorganic and organic control check samples are available from USEPA free of charge and are used as a means of evaluating analytical techniques of the analyst. Control check samples are subjected to the entire sample procedure, including extraction, digestion, etc., as appropriate for the analytical method utilized.

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LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 6

Health and Safety Plan

LABELLA
Associates, P.C.

Engineering
Architecture
Environmental

Site Health and Safety Plan

Location:

Stuart Park Complex – Ultralife Battery
2000 Technology Parkway
Newark, New York

Prepared For:

Ultralife Corporation
2000 Technology Parkway
Newark, New York

LaBella Project No. 209025

January 2010

Site Health and Safety Plan

Location:

Stuart Park Complex – Ultralife Battery
2000 Technology Parkway
Newark, New York

Prepared For:
Ultralife Corporation
2000 Technology Parkway
Newark, New York

LaBella Project No. 209025

January 2010

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Table of Contents

SITE HEALTH AND SAFETY PLAN

Project Title:	Remedial Action Voluntary Cleanup Program Site #V00178-8
Project Number:	209025
Project Location (Site):	2000 Technology Parkway, Newark, New York
Environmental Director:	Gregory Senecal, CHMM
Project Manager:	Dan Noll, P.E.
Plan Review Date:	______________________________
Plan Approval Date:	______________________________
Plan Approved By:	______________________________ Mr. Richard Rote, CIH
Site Safety Supervisor:	Mike Pelychaty
Site Contact:	To Be Determined
Safety Director:	Rick Rote, CIH
Proposed Date(s) of Field Activities:	Anticipated for April 2010 (may vary)
Site Conditions:	Slightly sloping, encompassing approximately 14.24 acres
Site Environmental Information Provided By:	Prior Environmental Report by GeoQuest Environmental, Inc. dated December 2008.
Air Monitoring Provided By:	LaBella Associates, P.C.
Site Control Provided By:	Contractor(s)

EMERGENCY CONTACTS

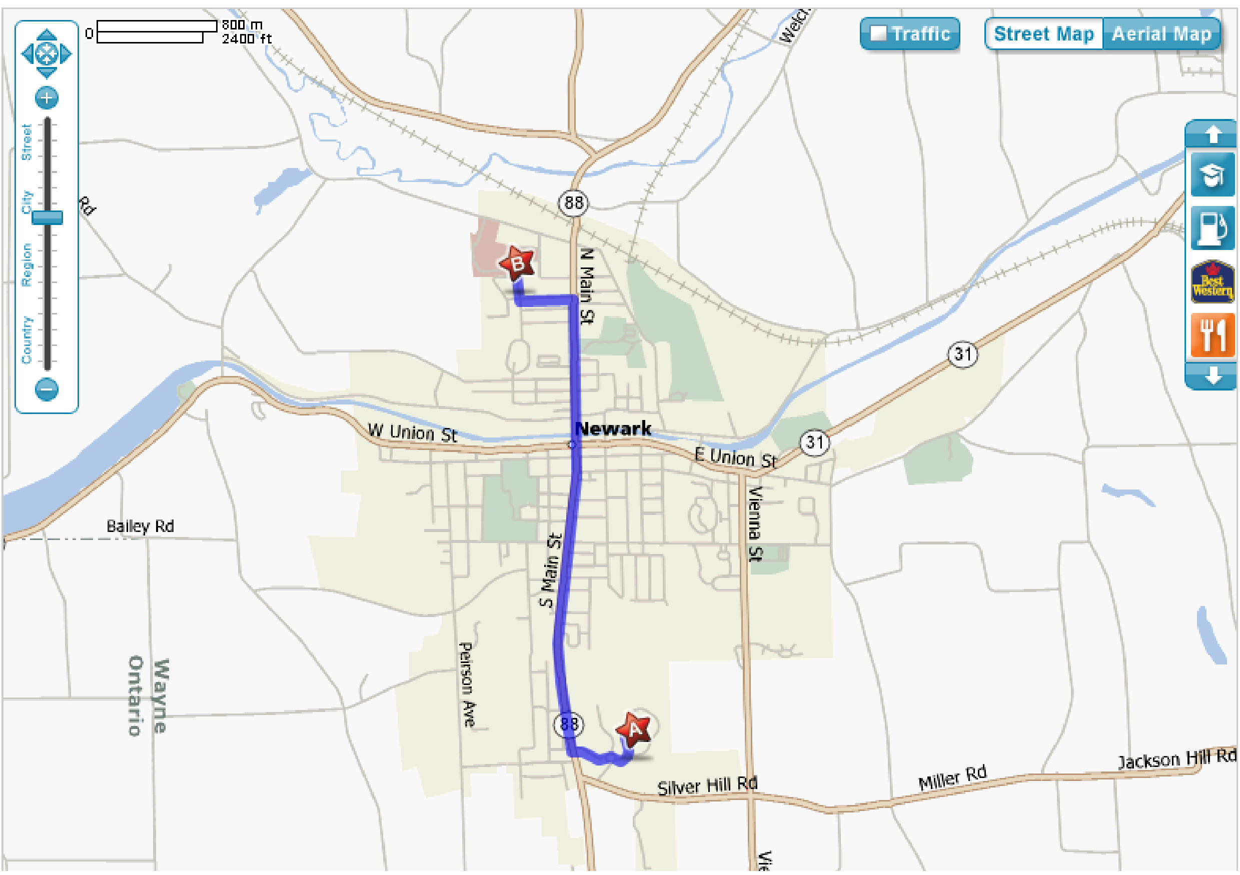
	Name	Phone Number
Ambulance:	As Per Emergency Service	911
Hospital Emergency:	Newark-Wayne Community Hospital	315-332-2022
Poison Control Center:	Finger Lakes Poison Control	585-273-3854
Police (local, state):	Newark Police Department	911
Fire Department:	Newark Fire Department	911
Site Contact:	John Diggory	Cell: 315-359-6329
Agency Contact:	NYSDEC – Charlotte Theobald Finger Lakes Poison Control NYSDOH – Melissa Menetti	585-226-5354 1-800-222-1222 1-800-458-1158 ext. 27860
Environmental Director:	Greg Senecal, CHMM	Direct: 585-295-6243 Cell: 585-752-6480 Home: 585-323-2142
Project Manager:	Dan Noll, P.E.	Direct: 585-295-611 Cell: 585-301-8458
Site Safety Supervisor:	Mike Pelychaty	Direct: 585-295-6253 Cell: 585-451-6225
Safety Director	Rick Rote, CIH	Direct: 585-295-6241

MAP AND DIRECTIONS TO THE MEDICAL FACILITY
NEWARK-WAYNE COMMUNITY HOSPITAL

Total Time: 8 minutes
Total Distance: 2.9 miles

Start: 2000 Technology Parkway, Newark, NY

START	1. Start out going **SOUTH** on **Technology Parkway**.	~500 ft.
	2. At the traffic circle, take the **2nd** exit and stay on **Technology Pkwy**.	0.2 mi
	3. Turn **right** at **S Main St/NY-88.**	2.3 mi
	4. Turn **left** at **Stuerwald Ave**	0.2 mi
	5. Turn **right** at **Driving Park Ave**	0.2 mi
END	6. End at 1200 Driving Park Ave, Newark, NY	
	Total Mileage/Time	~2.9 mi / 8 min



1.0 Introduction

The purpose of this Health and Safety Plan (HASP) it to provide guidelines for responding to potential health and safety issues that may be encountered during the Remedial Action (RA) at the Site located at 2000 Technology Parkway in the Village of Newark, Wayne County, New York. This HASP only reflects the policies of LaBella Associates P.C. The requirements of this HASP are applicable to all approved LaBella personnel at the work site. This document's project specifications and the Community Air Monitoring Plan (CAMP) are to be consulted for guidance in preventing and quickly abating any threat to human safety or the environment. The provisions of the HASP were developed in general accordance with 29 CFR 1910 and 29 CFR 1926 and do not replace or supersede any regulatory requirements of the USEPA, NYSDEC, OSHA or and other regulatory body.

2.0 Responsibilities

This HASP presents guidelines to minimize the risk of injury to project personnel, and to provide rapid response in the event of injury. The HASP is applicable only to activities of approved LaBella personnel and their authorized visitors. The Project Manager shall implement the provisions of this HASP for the duration of the project. It is the responsibility of LaBella employees to follow the requirements of this HASP, and all applicable company safety procedures.

3.0 Activities Covered

The activities covered under this HASP are limited to the following:

- Management of environmental remediation activities
- Environmental Monitoring
- Collection of samples
- Management of excavated soil, sediments and water.

4.0 Work Area Access and Site Control

The contractor(s) will have primary responsibility for work area access and site control.

5.0 Potential Health and Safety Hazards

This section lists some potential health and safety hazards that project personnel may encounter at the project site and some actions to be implemented by approved personnel to control and reduce the associated risk to health and safety. This is not intended to be a complete listing of any and all potential health and safety hazards. New or different hazards may be encountered as site environmental and site work conditions change. The suggested actions to be taken under this plan are not to be substituted for good judgment on the part of project personnel. At all times, the Site Safety Officer has responsibility for site safety and his or her instructions must be followed.

5.1 Hazards Due to Heavy Machinery

Potential Hazard:
Heavy machinery including trucks, excavators, backhoes, etc will be in operation at the site. The presence of such equipment presents the danger of being struck or crushed. Use caution when working near heavy machinery.

Protective Action:
Make sure that operators are aware of your activities, and heed operator's instructions and warnings. Wear bright colored clothing and walk safe distances from heavy equipment. A hard hat, safety glasses and steel toe shoes are required.

5.2 Excavation Hazards

Potential Hazard:
Excavations and trenches can collapse, causing injury or death. Edges of excavations can be unstable and collapse. Toxic and asphyxiant gases can accumulate in confined spaces and trenches. Excavations that require working within the excavation will require air monitoring in the breathing zone (refer to Section 9.0).

Excavations left open create a fall hazard which can cause injury or death.

Protective Action:
Personnel must receive approval from the Project Manager to enter an excavation for any reason. Subsequently, approved personnel are to receive authorization for entry from the Site Safety Officer. Approved personnel are not to enter excavations over 4 feet in depth unless excavations are adequately sloped. Additional personal protective equipment may be required based on the air monitoring.

Personnel should exercise caution near all excavations at the site as it is expected that excavation sidewalls will be unstable.

Fencing and/or barriers accompanied by "no trespassing" signs should be placed around all excavations when left open for any period of time when work is not being conducted.

5.3 Cuts, Punctures and Other Injuries

Potential Hazard:
In any excavation or construction, work site there is the potential for the presence of sharp or jagged edges on rock, metal materials, and other sharp objects. Serious cuts and punctures can result in loss of blood and infection.

Protective Action:
The Project Manager is responsible for making First Aid supplies available at the work site to treat minor injuries. The Site Safety Officer is responsible for arranging the transportation of authorized on-site personnel to medical facilities when First Aid treatment in not sufficient. Do not move seriously injured workers. All injuries requiring treatment are to be reported to the Project Manager. Serious injuries are to be reported immediately to the Site Safety Officer

5.4 Injury Due to Exposure of Chemical Hazards

Potential Hazards:
Volatile organic vapors from petroleum products, chlorinated solvents or other chemicals may be encountered during excavation activities at the project work site. Inhalation of high concentrations of organic vapors can cause headache, stupor, drowsiness, confusion and other health effects. Skin contact can cause irritation, chemical burn, or dermatitis.

Protective Action:
The presence of organic vapors may be detected by their odor and by monitoring instrumentation. Approved employees will not work in environments where hazardous concentrations of organic vapors are present. Air monitoring (refer to Section 9.0) of the work area will be performed at least every 60 minutes or more often using a Photoionization Detector (PID). Personnel are to leave the work area whenever PID measurements of ambient air exceed 25 ppm consistently for a 5 minute period. In the event that sustained total volatile organic compound (VOC) readings of 25 ppm are encountered personnel should upgrade personal protective equipment to Level C (refer to Section 8.0) and an Exclusion Zone should be established around the work area to limit and monitor access to this area (refer to Section 6.0).

5.5 Injuries Due to Extreme Hot or Cold Weather Conditions

Potential Hazards:
Extreme hot weather conditions can cause heat exhaustion, heat stress and heat stroke or extreme cold weather conditions can cause hypothermia.

Protective Action:
Precaution measures should be taken such as dress appropriately for the weather conditions and drink plenty of fluid. If personnel should suffer from any of the above conditions, proper techniques should be taken to cool down or heat up the body and taken to the nearest hospital if needed.

5.6 Biological Hazards

Potential Hazards:
Biological hazards include insects, snakes, poisonous/irritant plants, and wild animals.

Protective Action:
Precaution measures should be taken to dress appropriately in order to avoid contact with biological hazards. Based on the location of the work and the heavy equipment employed, wild animals are not anticipated to be a significant concern; however, in the event wild animals are observed, personnel should avoid contact with animals and attempt to scare animals off (e.g., honking a horn or yelling). In the event animals are not deterred or appear rabid, the local game warden and/or NYSDEC should be contacted.

6.0 Work Zones

In the event that conditions warrant establishing various work zones (i.e., based on hazards - Section 5.4), the following work zones should be established:

Exclusion Zone (EZ):
The EZ will be established in the immediate vicinity and adjacent downwind direction of site activities that elevate breathing zone VOC concentrations to unacceptable levels based on field screening. These site activities include contaminated soil excavation and soil sampling activities. If access to the site is required to accommodate non-project related personnel then an EZ will be established by constructing a barrier around the work area (yellow caution tape and/or construction fencing). The EZ barrier shall encompass the work area and any equipment staging/soil staging areas necessary to perform the associated work. The contractor(s) will be responsible for establishing the EZ and limiting access to approved personnel. Depending on the condition for establishing the EZ, access to the EZ may require adequate PPE (e.g., Level C).

Contaminant Reduction Zone (CRZ):
The CRZ will be the area where personnel entering the EZ will don proper PPE prior to entering the EZ and the area where PPE may be removed. The CRZ will also be the area where decontamination of equipment and personnel will be conducted as necessary.

7.0 Decontamination Procedures

Upon leaving the work area, approved personnel shall decontaminate footwear as needed. Under normal work conditions, detailed personal decontamination procedures will not be necessary. Work clothing may become contaminated in the event of an unexpected splash or spill or contact with a contaminated substance. Minor splashes on clothing and footwear can be rinsed with clean water. Heavily contaminated clothing should be removed if it cannot be rinsed with water. Personnel assigned to this project should be prepared with a change of clothing whenever on site.

Personnel will use the contractor’s disposal container for disposal of PPE.

8.0 Personal Protective Equipment

Generally, site conditions at this work site require level of protection of Level D or modified Level D. However, air monitoring will be conducted to determine if up-grading to Level C PPE is required (refer to Section 9.0). Descriptions of the typical safety equipment associated with Level D and Level C are provided below:

Level D:
Hard hat, safety glasses, rubber nitrile sampling gloves, steel toe construction grade boots, etc.

Level C:
Level D PPE and full or ½-face respirator and tyvek suit (if necessary). [*Note: Organic vapor cartridges are to be changed after each 8-hours of use or more frequently.*]

9.0 Air Monitoring

According to 29 CFR 1910.120(h), air monitoring shall be used to identify and quantify airborne levels of hazardous substances and health hazards in order to determine the appropriate level of employee protection required for personnel working onsite. Air monitoring will consist at a minimum of the procedure listed below. Air monitoring instruments will be calibrated and maintained in accordance with the manufacturer's specifications.

The Air Monitor will utilize a photoionization Detector (PID) to screen the ambient air in the work areas (excavation, soil staging, and soil grading areas) for total Volatile Organic Compounds (VOCs) and a DustTrak tm Model 8520 aerosol monitor or equivalent for measuring particulates. Work area ambient air will generally be monitored in the work area and downwind of the work area. Air monitoring of the work areas and downwind of the work areas will be performed at least every 60 minutes or more often using a PID, and the DustTrak meter.

If sustained PID readings of greater than 25 ppm are recorded in the breathing zone, then either personnel are to leave the work area until satisfactory readings are obtained or approved personnel may re-enter the work areas wearing at a minimum a ½ face respirator with organic vapor cartridges for an 8-hour duration (i.e., upgrade to Level C PPE). Organic vapor cartridges are to be changed after each 8-hours of use or more frequently, if necessary. If PID readings are sustained, in the work area, at levels above 50 ppm for a 5 minute average, work will be stopped immediately until safe levels of VOCs are encountered or additional PPE will be required (i.e., Level B).

If dust concentrations exceed the upwind concentration by 100 $\mu g/m^3$ (0.1 mg/m^3) consistently for a 10 minute period within the work area or at the downwind location, then LaBella personnel may not re-enter the work area until dust concentrations in the work area decrease below 100 $\mu g/m^3$ (0.1 mg/m^3), which may be accomplished by the construction manager implementing dust control or suppression measures.

10.0 Emergency Action Plan

In the event of an emergency, employees are to turn off and shut down all powered equipment and leave the work areas immediately. Employees are to walk or drive out of the Site as quickly as possible and wait at the assigned 'safe area'. Follow the instructions of the Site Safety Officer.

Employees are not authorized or trained to provide rescue and medical efforts. Rescue and medical efforts will be provided by local authorities.

11.0 Medical Surveillance

Medical surveillance will be provided to all employees who are injured due to overexposure from an emergency incident involving hazardous substances at this site.

12.0 Employee Training

Personnel who are not familiar with this site plan will receive training on its entire content and organization before working at the Site.

Individuals directly involved with the remedial work will be 40-hour OSHA HAZWOPER trained with current 8-hour refresher certification.

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Table 1
Exposure Limits and Recognition Qualities

Compound	PEL-TWA (ppm)(b)(d)	TLV-TWA (ppm)(c)(d)	STEL (ppm)(b)	LEL (%)(e)	UEL (%)(f)	IDLH (ppm)(g)(d)	Odor	Odor Threshold (ppm)	Ionization Potential
Acetone	750	500	NA	2.15	13.2	20,000	Sweet	4.58	9.69
Anthracene	.2	.2	NA	NA	NA	NA	Faint aromatic	NA	NA
Benzene	1	0.5	5	1.3	7.9	3000	Pleasant	8.65	9.24
Benzo (a) pyrene (coal tar pitch volatiles)	0.2	0.1	NA	NA	NA	700	NA	NA	NA
Benzo (a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (b) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (k) Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	10.88
Carbon Disulfide	20	1	NA	1.3	50	500	Odorless or strong garlic type	.096	10.07
Chlorobenzene	75	10	NA	1.3	9.6	2,400	Faint almond	0.741	9.07
Chloroform	50	2	NA	NA	NA	1,000	ethereal odor	11.7	11.42
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethylene	200	200	NA	9.7	12.8	400	Acrid	NA	9.65
1,2-Dichlorobenzene	50	25	NA	2.2	9.2		Pleasant		9.07
Ethylbenzene	100	100	NA	1.0	6.7	2,000	Ether	2.3	8.76
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	500	50	NA	12	23	5,000	Chloroform-like	10.2	11.35
Naphthalene	10, Skin	10	NA	0.9	5.9	250	Moth Balls	0.3	8.12
n-propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane	NA	NA	NA	NA	NA	NA	Sweet	NA	NA
Toluene	100	100	NA	0.9	9.5	2,000	Sweet	2.1	8.82
Trichloroethylene	100	50	NA	8	12.5	1,000	Chloroform	1.36	9.45
1,2,4-Trimethylbenzene	NA	25	NA	0.9	6.4	NA	Distinct	2.4	NA
1,3,5-Trimethylbenzene	NA	25	NA	NA	NA	NA	Distinct	2.4	NA
Vinyl Chloride	1	1	NA	NA	NA	NA	NA	NA	NA
Xylenes (o,m,p)	100	100	NA	1	7	1,000	Sweet	1.1	8.56
Metals									
Arsenic	0.01	0.2	NA	NA	NA	100, Ca	Almond		NA
Cadmium	0.2	0.5	NA	NA	NA				NA
Chromium	1	0.5	NA	NA	NA				NA
Lead	0.05	0.15	NA	NA	NA	700			NA
Mercury	0.05	0.05	NA	NA	NA	28	Odorless		NA
Selenium	0.2	0.02	NA	NA	NA	Unknown			NA

(a) Skin = Skin Absorption
(b) OSHA-PEL Permissible Exposure Limit (flame weighted average, 8-hour): NIOSH Guide, June 1990
(c) ACGIH – 8 hour time weighted average from Threshold Limit Values and Biological Exposure Indices for 2003.
(d) Metal compounds in mg/m3
(e) Lower Exposure Limit (%)
(f) Upper Exposure Limit (%)
(g) Immediately Dangerous to Life or Health Level: NIOSH Guide, June 1990.

Notes:
1. All values are given in parts per million (PPM) unless otherwise indicated.
2. Ca = Possible Human Carcinogen, no IDLH information.

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 7
Site-Wide Inspection For

LABELLA Associates, P.C. 300 State Street Rochester, New York 14614 Phone: (585) 454-6110 Fax: (585) 454-3066	**SITE-WIDE INSPECTION FORM** Project Name: NYSDEC Site No. V00178-8
	Location: Ultralife Corporation, 2000 Technology Parkway, Newark, New York 14513
	Project No.: 209025
	Inspected By:
	Date of Inspection:
	Weather Conditions:

1. COMMNETS ON GENERAL SITE CONDITIONS: ____________________

2. CURRENT USE OF SITE: ____________________

3. ARE CURRENT SOIL CONDITIONS IN ACCORDANCE WITH THE EXCAVATION WORK PLAN? YES/NO

If No, Explain and indicate actions to be taken: ____________________

4. PHOTOGRAPHS TAKEN OF OUTFALL AREAS? YES/NO

5. SITE RECORDS UP TO DATE? YES/NO

COMMENTS AND/OR ACTIONS TAKEN

Y:\Ultralife Corporation\209025\Reports\SMP\SITE INSPECTION FORM.docx

LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 8
Community Air Monitoring Plan

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix 1B
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 9
Deed Restriction

Do Not Detach

Wayne County Clerk's Office

Recording Page

Receipt Number: 11-10640

Declaration Covenants

Instrument Number: R9128382

Date/Time: 06/06/2011 11:51 AM

First OR: ULTRALIFE CORPORATION

First EE: NO GRANTEE

Town: ARCADIA TOWN OF
Town: NEWARK VILLAGE

Pages: 6
Employee Id: md
Serial Number:

Transfer Tax Number:

-FEES-	
Recording and Filing	$70.00
Transfer Tax	$0.00
Basic Tax	
Local Tax	
Additional Tax	
Special Tax	
Withheld	
Total	$70.00
-MORTGAGE TAX-	$0.00
Amount Taxed	
-TRANSFER TAX-	
Consideration Amount	

State of New York
County of Wayne

***** WARNING - This sheet constitutes the Clerks endorsement required by Section 319 of the Real Property Law of the State of New York.**

Wayne County Clerk

*****DO NOT DETACH*****
*****THIS IS NOT A BILL*****

DECLARATION of COVENANTS and RESTRICTIONS

THIS COVENANT is made the 24th day of May, 2011 by Ultralife Corporation (formerly known as Ultralife Batteries, Inc. and hereinafter "Ultralife"), a corporation organized and existing under the laws of the State of Delaware and having an office for the transaction of business at 2000 Technology Parkway (formerly 1350 Route 88 South), Newark, New York 14513.

WHEREAS, Ultralife owns a parcel of real property at 1350 Route 88 South (new address 2000 Technology Parkway) in the Village of Newark, County of Wayne, State of New York, Tax ID Map 14 Parcel 499340 (formerly Tax Map Parcel No. 36110-14-423352.3) (the "Property"), which Property was conveyed by the Wayne County Industrial Development Agency to Ultralife Batteries, Inc, (now known as Ultralife Corporation) by deed dated February 14, 2008 and recorded in the Wayne County Clerk's Office as electronic instrument number R9093873; and

WHEREAS, a portion of the Property is the subject of Voluntary Cleanup Program Agreement No. B8-0537-98-08 ("Voluntary Agreement"), dated January 8, 2001, executed by Ultralife Batteries, Inc. as part of the New York State Department of Environmental Conservation's (the "Department") Voluntary Cleanup Program; the Property and the Voluntary Cleanup Program Site (the "VCP Site") are more particularly described on the survey attached to this Declaration in Appendix "A"; and

WHEREAS, the Department approved a remedy for the VCP Site which is protective of public health and the environment for the Contemplated Use as defined in the Voluntary Agreement and such remedy requires that the Property be subject to certain restrictive covenants.

NOW, THEREFORE, Ultralife, for itself and its successors and/or assigns, covenants that:

First, the VCP Site subject to this Declaration of Covenants and Restrictions is as shown on the survey attached to this Declaration as Appendix "A" ("VCP Site" is identified on the survey) and made a part hereof.

Second, unless prior written approval is first obtained from the Department or, if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "the Relevant Agency", any future construction, use or occupancy at the VCP Site which involves disturbance or excavation below the top two feet of the soil cover system, must be conducted in accordance with the Department approved Site Management Plan (described below).

Third, unless the owner first obtains permission to discontinue such controls from the Department or Relevant Agency, the owner of the VCP Site shall continue in full force and effect this deed restriction, and the engineering controls required for the remedy, and shall comply with the Department approved Site Management Plan ("SMP") (and modifications as approved by the Department or Relevant Agency) which describes the engineering controls required. The SMP is incorporated into this Declaration and made enforceable hereto.

An up-to-date version of the SMP may be obtained from:

Regional Remediation Engineer: or
Region 8
NYS DEC
6274 East Avon-Lima Road
East Avon, NY 14414

Site Control Section
Division of Environmental Remediation
NYS DEC
625 Broadway
Albany, NY 12233

Fourth, the owner of the VCP Site is permitted to use the VCP Site for commercial or industrial purposes but shall be prohibited from using the VCP Site for other purposes without the express written waiver of such prohibition by the Department or Relevant Agency.

Fifth, the owner of the VCP Site shall prohibit the use of the groundwater underlying the VCP Site without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Department or Relevant Agency.

Sixth, the owner of the VCP Site shall allow the Department, its agents, employees, or other representatives of the State to enter and inspect the VCP Site in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

Seventh, the owner of the VCP Site shall submit to the Department an annual written statement by an expert the Department finds acceptable certifying that the controls at the VCP Site are unchanged from the previous certification, or that any changes to the controls were approved by the Department or the Relevant Agency, and that nothing has occurred that would impair the ability of such controls to protect the public health or the environment.

Eighth, this Declaration is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the VCP Site, and shall provide that the owner and its successors and assigns consent to enforcement by the Department or Relevant Agency of the prohibitions and restrictions required to be recorded, and hereby covenant not to contest the authority of the Relevant Agency to seek enforcement.

Ninth, any deed of conveyance of the VCP Site, or any portion thereof, shall recite, unless the Department or Relevant Agency has consented to the termination of such covenants and restrictions, that said conveyance is subject to this Declaration of Covenants and Restrictions.

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

Ultralife Corporation

By: ______________________________
Peter F. Comerford
Secretary

STATE OF NEW YORK)
) ss:
COUNTY OF WAYNE)

On the 24th day of May, in the year 2011, before me the undersigned, personally appeared Peter F. Comerford, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Wanda A. Vanderlee

Notary Public, State of New York

WANDA A. VANDERLEE
Notary Public in the State of New York
Wayne County
Commission Expires December 15, 2014